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**6942 MOD AA
OPT. 26 and 42
COLOR DISPLAY
PRELIMINARY**

INSTRUCTION MANUAL

**Tektronix, Inc.
P.O. Box 500
Beaverton, Oregon 97077**

Serial Number _____

PREFACE

This document contains a set of preliminary information, consisting of draft material being prepared for the instrument instruction manual.

We believe that this information is adequate for temporary use. However, there may be errors and inaccuracies. Please be aware of this.

We would appreciate any corrections and comments. Contact us at:

TV Manuals Group
Del. Sta. 58-594
Tektronix, Inc.
P.O. Box 500
Beaverton, Oregon 97077

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OPERATORS SAFETY SUMMARY

The general safety information in this part of the summary is for both operating and servicing personnel. Specific warnings and cautions will be found throughout the manual where they apply and do not appear in this summary.

Terms in This Manual

CAUTION statements identify conditions or practices that could result in damage to the equipment or other property.

WARNING statements identify conditions or practices that could result in personal injury or loss of life.

Terms as Marked on Equipment

CAUTION indicates either a personal injury hazard not immediately accessible as one reads the marking or a hazard to property, including the equipment itself.

DANGER indicates a personal injury hazard immediately accessible as one reads the marking.

Symbols as Marked on Equipment



DANGER – High voltage.



Protective ground (earth) terminal.

Power Source

This product is intended to operate from a power source that does not apply more than 250 volts rms between the supply conductors or between either supply conductor and ground. A protective ground connection by way of the grounding conductor in the power cord is essential for safe operation.

Grounding the Product

This product is grounded through the grounding conductor of the power cord. To avoid electrical shock, plug the power cord into a properly wired receptacle before connecting to the product input or output terminals. A protective ground connection by way of the grounding conductor in the power cord is essential for safe operation.

Danger Arising From Loss of Ground

Upon loss of the protective-ground connection, all accessible conductive parts (including knobs and controls that may appear to be insulating) can render an electric shock.

Use the Proper Power Cord

Use only the power cord and connector specified for your product.

Use only a power cord that is in good condition.

Use the Proper Fuse

To avoid fire hazard, use only a fuse of the correct type, voltage rating, and current rating as specified in the parts list for your product.

Refer fuse replacement to qualified service personnel.

Do Not Operate in Explosive Atmospheres

To avoid explosion, do not operate this product in an explosive atmosphere.

Do Not Remove Covers or Panels

To avoid personal injury, do not remove the product covers or panels. Do not operate the product without the covers and panels properly installed.

SERVICING SAFETY SUMMARY

FOR QUALIFIED SERVICE PERSONNEL ONLY

Refer also to the preceding Operators Safety Summary.

Do Not Service Alone

Do not perform internal service or adjustment of this product unless another person capable of rendering first aid and resuscitation is present.

Use Care When Servicing With Power On

Dangerous voltages exist at several points in this product. To avoid personal injury, do not touch exposed connections or components while power is on.

Disconnect power before removing protective panels, soldering, or replacing components.

Power Source

This product is intended to operate from a power source that does not apply more than 250 volts rms between the supply conductors or between either supply conductor and ground. A protective ground connection by way of the grounding conductor in the power cord is essential for safe operation.

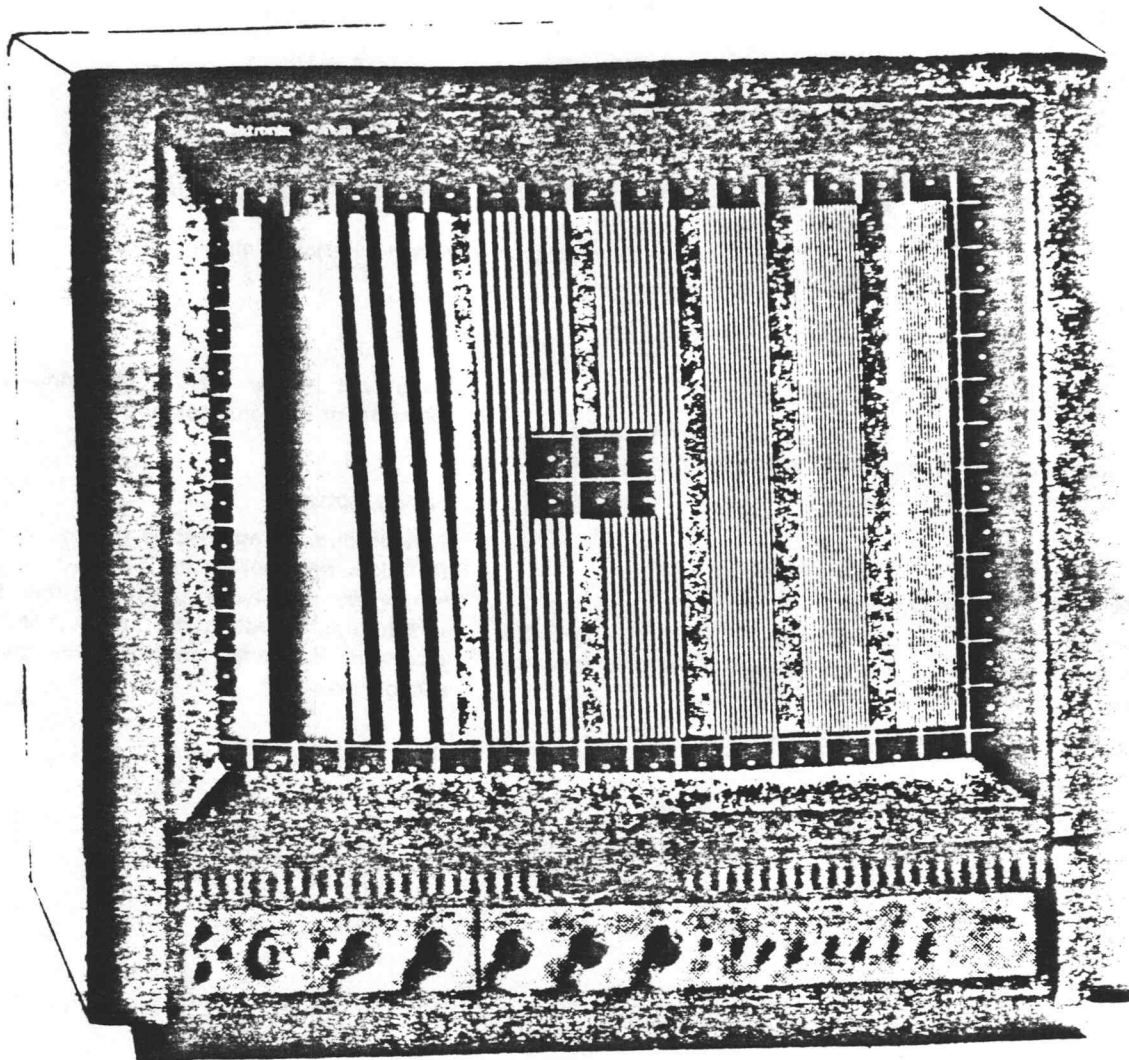


Fig. 1-1. The Tektronix 6942 Color Display.

GENERAL INFORMATION

This section of the manual provides a description of the product. Damage inspection and repackaging information are also provided.

Product Description

The TEKTRONIX 6942 Color Display (see Fig. 1-1), used with an appropriate interface module, provides a high-resolution raster-scanned display on a 19-inch screen (measured diagonally). The set is intended for complex computer graphics and high-density alphanumeric. The 6942 has a rear compartment that accepts the separately purchasable interface module. The module processes the input signals and supplies the mainframe with appropriate signals and triggers.

The 69M41 RGB/COMP SYNC Interface Module is currently available for use in the mainframe. Contact your Tektronix Field Engineer to find out if other interface modules are available.

CAUTION

Never operate the mainframe without the interface module installed.

The mainframe interface connector accepts red, green, and blue signals. These signals are internally terminated by 75 ohms. Horizontal and vertical triggers must also be applied to the mainframe interface connector for proper scan timing. The 69M41 RGB/COMP SYNC interface module provides all of these signals when proper RGB and composite sync signals are applied. (Sync may be obtained by using a composite green signal.)

Some main features of the 6942 are:

1. Stabilized gray scale for repeatable and accurate color representation.
2. Accurate, stable convergence in all sectors of the screen. Display remains essentially converged and linear when raster size is varied.

3. The 6942 can be calibrated to operate at any scan rate within a wide range.
4. High efficiency power supply.
5. Switches and adjustments needed for routine performance verification and setup are located in a lockable front drawer.

PHYSICAL INSPECTION

Damage Inspection

After carefully removing the instrument from the shipping carton, inspect it for possible damage incurred during shipment. Report any shortage or damage to the carrier.

WARNING

The 6942 mainframe weighs approximately 110 lbs (50 kg). To avoid personal injury, obtain assistance when lifting the instrument.

Accessories List

Standard accessories supplied with this instrument are listed on the last page of the Replaceable Mechanical Parts List illustrations. For additional accessories, see the current Tektronix Television Products Catalog.

Repackaging

If this instrument is to be shipped long distances by commercial transportation, repackage the instrument in the original manner for maximum protection. The original shipping carton should be saved and used for this purpose. Refer to Corrective Maintenance, in Section 9, for repackaging instructions.

OPERATOR'S FAMILIARIZATION

This section provides information for operating the instrument. Functions of controls and lights are described. A block diagram and its associated description are also included.

Interface Module

Install the interface module in the 6942 mainframe. Connect the appropriate input signals to the input connectors. Refer to the interface module instruction manual if more information is needed.

Mains Voltage and Frequency Requirements

The 6942 can be operated from either 115 V ac nominal mains voltage within a range of 103 to 127 V ac, or 230 V ac nominal mains voltage within a range of 207 to 250 V ac; at 47 to 63 Hz. It is factory-set for 115 V ac unless ordered otherwise.

If the mains voltage range needs to be changed, refer to qualified service personnel. The qualified service person can find the necessary information in Installation, Section 4, of this manual,

Power Connections

Check that the POWER switch is off, and the interface module is installed. Connect the appropriate power cord to the rear panel. Plug the power cord into the mains outlet. Then set the POWER switch to ON.

FRONT-PANEL CONTROLS & INDICATOR LIGHTS

The following is a brief description of the operation or function of the front-panel controls and indicator lights (see Fig. 2-1).

POWER -- Push-pull knob to connect or interrupt mains power to the instrument.

POWER ON -- Green LED that illuminates when power is applied to the instrument, the POWER switch is set to ON, and the power supply is not in a safety limit condition.

DEGAUSS -- Push knob to operate the degauss coil for neutralizing the static magnetic field in the crt.

HV OVERLOAD/SCAN FAIL -- Red LED that blinks due to overload on the anode supply. (Performance specifications are not guaranteed in this mode.) The blink rate is proportional to the amount of anode current. The LED remains on continuously if either the horizontal or vertical scan fail signal becomes activated.

BLACK LEVEL -- Variable control which compensates for room lighting by adjusting the displayed low lights and allows use of a black background for alphanumeric. The PRESET (detent switch) level is fixed by an internal (drawer) adjustment.

CONTRAST -- Variable control which adjusts picture contrast by adjusting the displayed high lights. Normalizes input signals from 2X to 0.5X that of the reference input signal* to set 100% contrast. The PRESET level is fixed by an internal (drawer) adjustment.

*Reference input signal: DC-coupled, 0 V low light (black), +0.7 V high light (white), RGB input signals from the interface module.

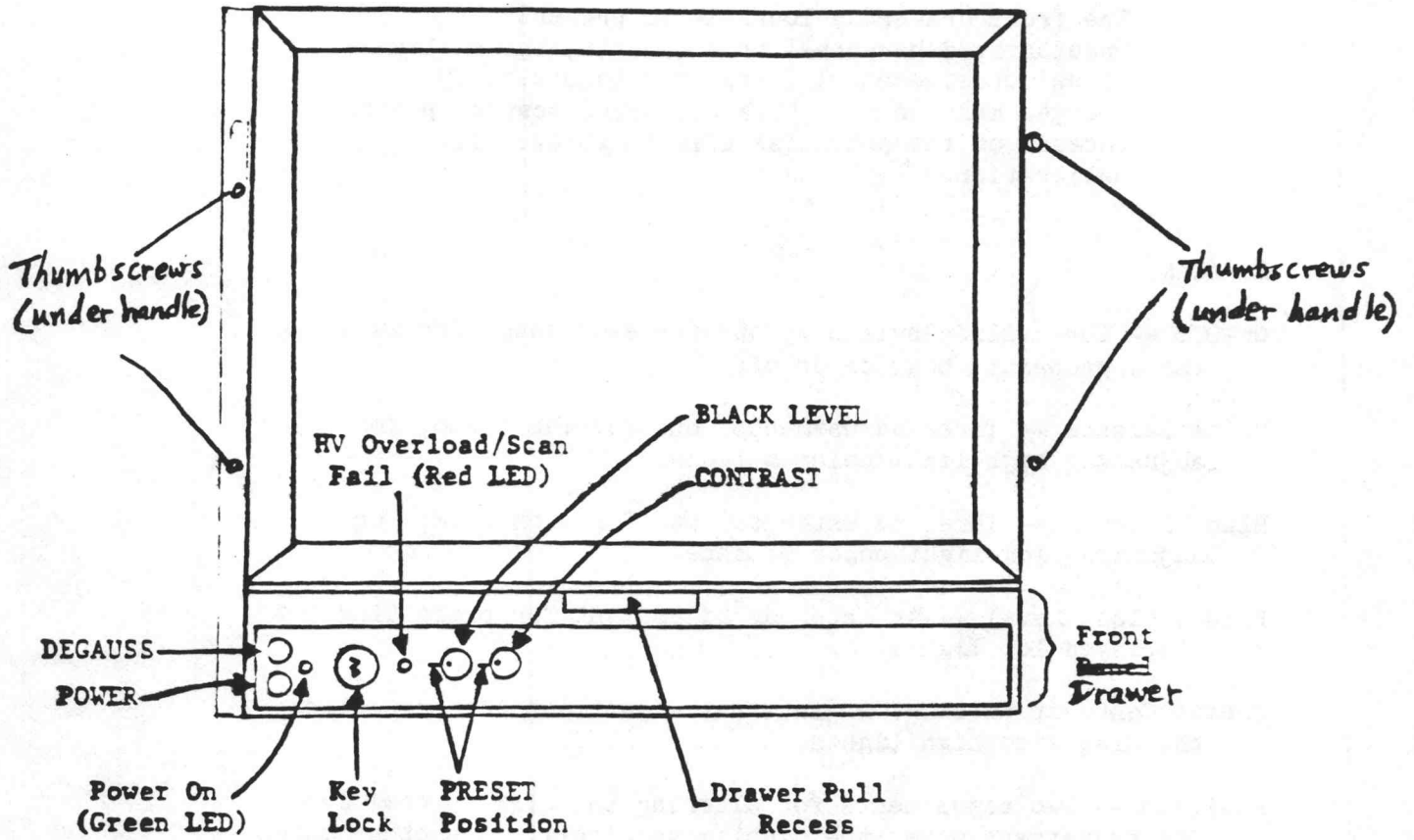


Fig. 2-1. Front View of the 6942.

FRONT DRAWER SWITCHES, INDICATOR LIGHT, & ADJUSTMENTS

(See Fig. 2-2)

CAUTION

The front drawer is lockable to prevent unauthorized personnel from changing the settings of switches, controls, and adjustments. Any changes must be made by a qualified service person because of the potential effects to overall calibration.

Screens

On-Off -- Three slide switches, one for each beam, for switching the appropriate beam on or off.

White Balance -- Three adjustments, one for each beam, for adjusting high-light color balance.

Black Balance -- Three adjustments, one for each beam, for adjusting low-light color balance.

Preset Black Level -- An internal adjustment for presetting the displayed low lights.

Preset Contrast Level -- An internal adjustment for presetting the displayed high lights.

Position -- Two adjustments for altering the display position. One adjustment moves the display vertically; the other moves the display horizontally.

Size -- Two adjustments; one for changing the height and the other for changing the width of the raster.

White Pedestal -- Two-position slide switch: Normal and On. The On position increases the brightness of the display so that the black and blanking levels are visible, showing the limits of the scanned raster. Also, the White Pedestal light turns on.

White Pedestal Light -- A yellow LED, located next to the White Pedestal switch, illuminates when this switch is set to On.

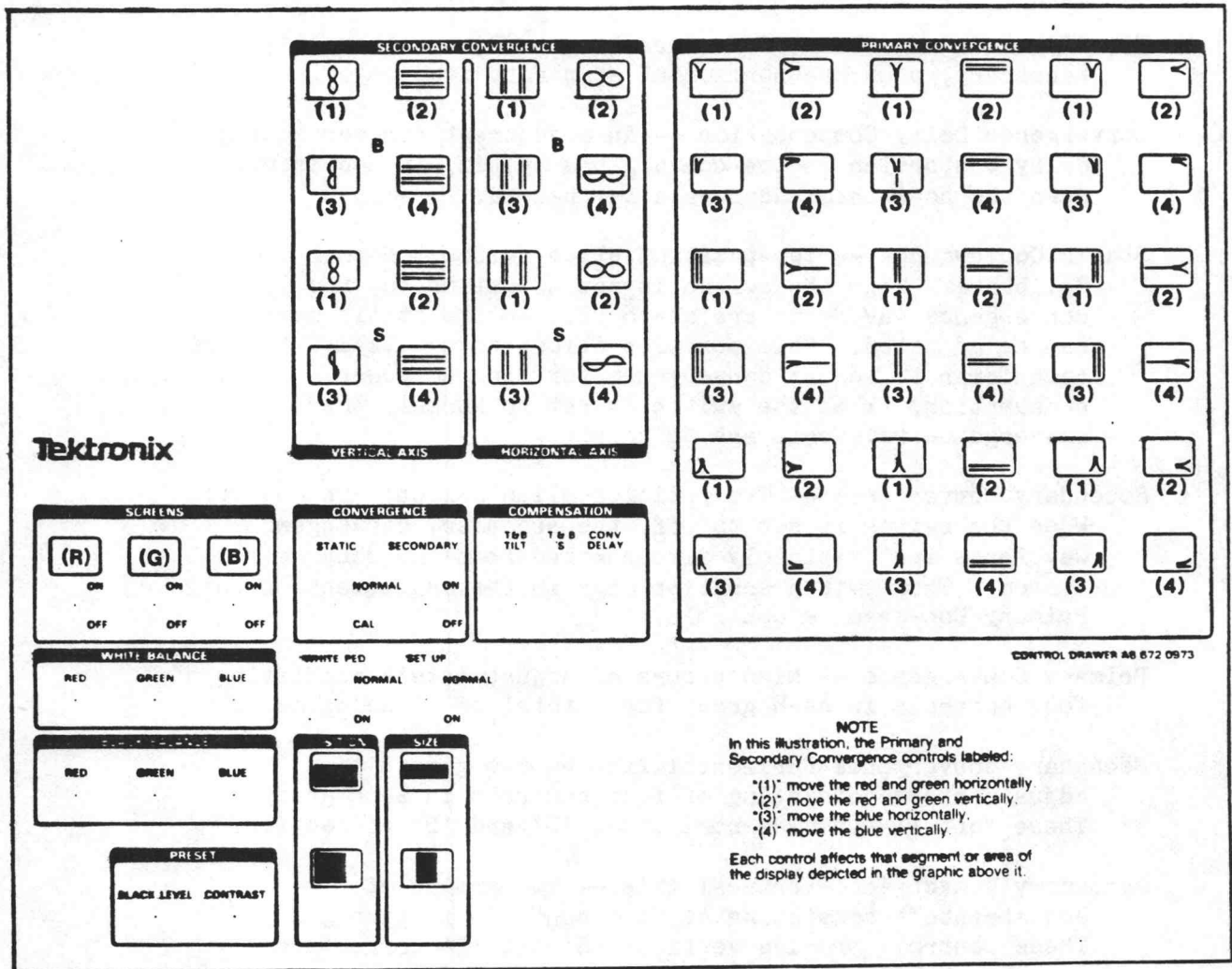


Fig. 2-2. Top View Inside of Front Drawer.

Setup -- Two-position slide for selecting vertical scan: Normal and On. When the switch is set to On, vertical scan is reduced 10% of full height to aid in adjusting low-light color balance.

T&B Tilt -- An adjustment for correcting top and bottom tilt, if necessary, when the horizontal scan rate is changed.

T&B 'S' -- An adjustment for correcting top and bottom 'S', if necessary, when the horizontal scan rate is changed.

Convergence Delay Compensation -- An adjustment for correcting delay distortion in the convergence system, if necessary, when the horizontal scan rate is changed.

Static Convergence -- Two-position slide switch: Normal and Calibrate. When the switch is set to Calibrate, the convergence waveforms are ac-coupled so the static magnets can be adjusted. This position allows the qualified service technician to adjust convergence for minimum power consumption. When the switch is set to Normal, the convergence waveforms are dc coupled.

Secondary Convergence -- Two position slide switch: On and Off. When the switch is set to Off, the secondary convergence waveforms are completely disconnected from the convergence system. This switch position aids in the adjustment of the Primary Convergence controls.

Primary Convergence -- Nine groups of adjustments** consisting of four controls in each group for a total of 36 adjustments.

Secondary Convergence-Horizontal Axis -- Two groups of adjustments** consisting of four controls in each group. These controls provide horizontal 'S' and 'B' correction.

Secondary Convergence-Vertical Axis -- Two groups of adjustments** consisting of four controls in each group. These controls provide vertical 'S' and 'B' correction.

**As shown in Fig. 2-2, an illustration is provided above each adjustment in the front drawer to show the segment or area of the display affected by the control.

Each of the four controls in the Primary Convergence and Secondary Convergence control groupings shown in Fig. 2-2 adjusts segments of the display with beam movements as follows:

"(1)" moves the red and green horizontally.

"(2)" moves the red and green vertically.

"(3)" moves the blue horizontally.

"(4)" moves the blue vertically.

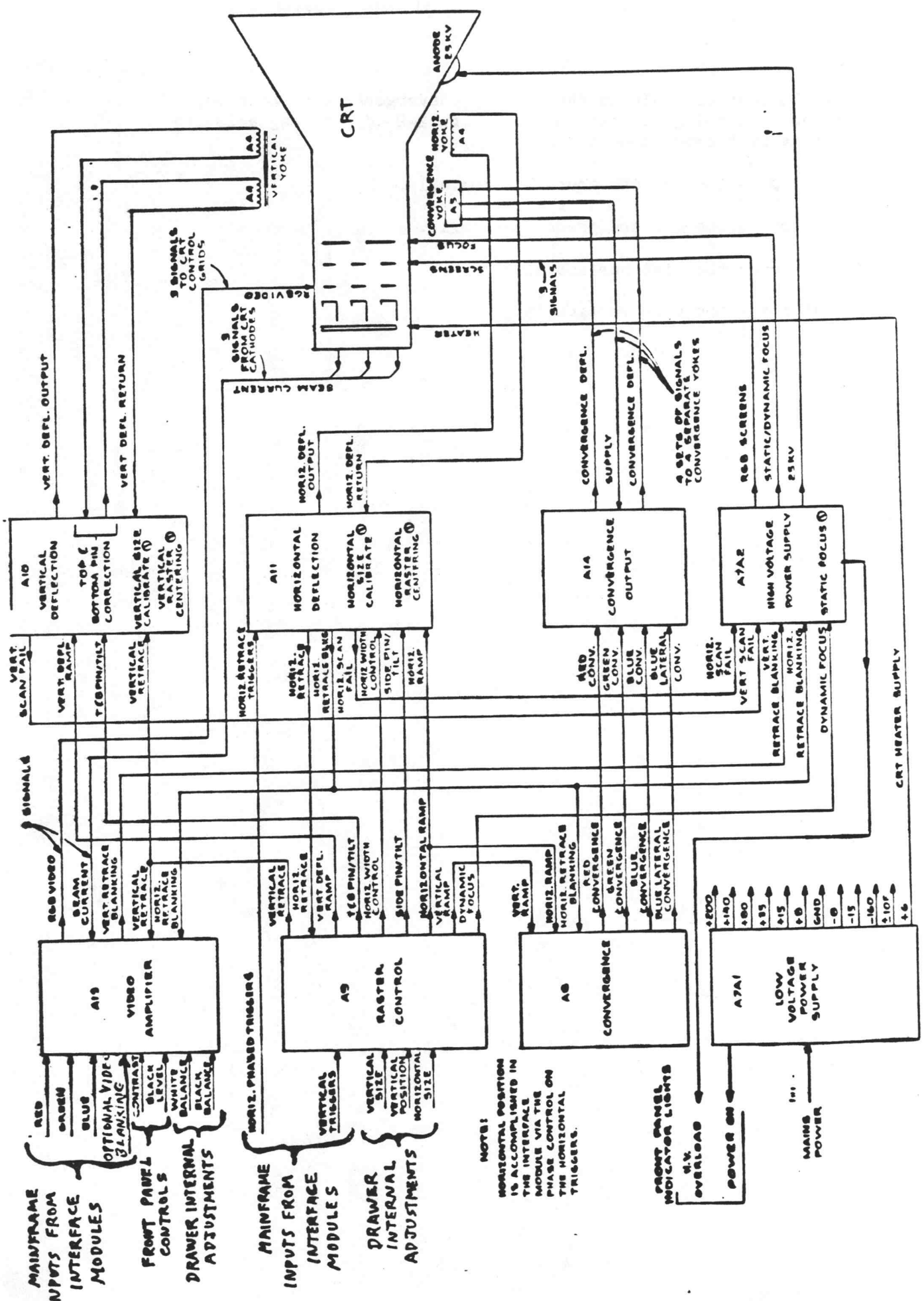


Fig. 2-3. Block Diagram

BLOCK DIAGRAM DESCRIPTION

Introduction

This portion of the manual contains a brief block diagram (see Fig. 2-3) and the associated description. It is meant to introduce the reader to the major functional blocks that make up the whole system.

Video Amplifier A13

The purpose of the Video Amplifier block is to provide amplification of the red, green, and blue video signals.

The red, green, and blue signals come from the interface module via 75-ohm coaxial cables to the video amplifier where they are amplified before being applied to the control grid of the crt.

The video amplifier consists of three identical channels. The front-panel BLACK LEVEL and CONTRAST controls affect the black level and gain, respectively, of all three amplifiers channels. Also, each amplifier has White Balance and Black Balance adjustments for colorimetry control.

At the right side of the Vertical Amplifier block there are three input signals: Beam current sample, vertical retrace, and horizontal blanking.

The horizontal retrace blanking signal is used in the gain and level circuits. This signal triggers one-shot timing circuits that control sample-and-hold circuits. The sample-and-hold circuits change the gain and level of the amplifiers to match the levels set remotely by the BLACK LEVEL, CONTRAST, Black Balance, and White Balance controls. The horizontal retrace blanking signal also blanks the video applied to the crt during horizontal retrace time.

The vertical retrace signal provides crt blanking during the vertical retrace interval. The trailing edge of the signal triggers a one-shot that controls the beam current sample circuit. The beam current sample and hold circuit compares the beam current signal from each cathode with a preset level to provide control of the crt control grid ac level. Beam current control stabilizes the black level of the display for variations associated with changes in the crt. The beams

are blanked (for video) during the stabilization cycle, therefore total blanking is longer than actual retrace time.

Vertical Deflection A10

This block consists of three major circuits:

1. A linear voltage-to-current amplifier which converts the vertical deflection ramp into vertical deflection current.
2. Another voltage-to-current amplifier that converts the top and bottom pin cushion signal and the top and bottom tilt signal into a current signal. This signal is transformer coupled into the center of the vertical deflection yoke windings.
3. A vertical scan fail circuit that senses failure of vertical scan in order to protect the crt.

The vertical scan fail circuit has two modes. One mode is normal operation. If the deflection decreases to approximately one-half of its normal peak-to-peak magnitude, the vertical scan fail circuit is activated. The other mode is setup, when vertical scan is intentionally reduced to 10% of full height to aid in adjusting low-light color balance. In the setup mode, the sensitivity of the vertical scan circuit is increased to allow vertical scan to continue.

As noted in the Vertical Deflection block, there are two screwdriver adjustments shown: Vertical Size Calibrate and Vertical Raster Centering. These calibration adjustments are essential for normalizing the Vertical Deflection block to the vertical deflection yoke and the crt.

Raster Control A9

The main function of the Raster Control block is to convert the incoming horizontal and vertical timing information as well as the horizontal and vertical size information into signals that represent linear displacement across the face of the crt. These signals, which represent position across the face of the crt, become time invariant;

thus, the monitor is capable of operating over a wide range of vertical and horizontal rates.

The conversion from time to position across the face of the crt is accomplished via horizontal and vertical constant amplitude ramp generators. In the Raster Control block these ramps are also applied to horizontal and vertical rate geometry correction IC's as well as four quadrant multipliers IC's. The voltage output from these IC's represents the deflection currents (and the pin cushion correction currents) needed in the deflection yoke to produce a linear display. The geometry IC's also provide the horizontal and vertical rate dynamic focus waveforms.

Horizontal Deflection A11

The Horizontal Deflection block consists of a resonant scan deflection circuit which uses bipolar switching transistors. The peak-to-peak current in the yoke is controlled via a closed-loop B+ control circuit which forces the sampled peak current in the yoke to correspond to the horizontal width control signal from the Raster Control block.

To allow the resonant scan deflection circuit to operate over a wide range of horizontal frequencies, four internal jumpers are used. These jumpers alter the horizontal linearity ramp, the linearity 'S' capacitors, and the B+ closed loop compensation.

Other circuits in the Horizontal Deflection block are as follows:

1. A scan fail circuit which shuts down the high voltage in case of horizontal scan failure.
2. A flyback voltage limit circuit which protects the deflection transistor during turn-on transients or horizontal drive disturbances.
3. A time-delay stabilizing circuit that maintains constant interval between the incoming horizontal phase triggers and the outgoing horizontal retrace blanking signal.

Shown within the Horizontal Deflection block are two calibration adjustments: Horizontal Size Calibration and Horizontal Raster Centering. The Horizontal Size Calibration adjustment normalizes the combination of the resonant scan circuit and the horizontal deflection yoke so the display can be adjusted to full size. The Horizontal

Raster Centering adjustment horizontally positions the raster to compensate for various purity settings and horizontal deflection yokes.

Convergence A8

The horizontal and vertical ramps from the Raster Control block are applied to the Convergence block for use as beam position information. This information is used to generate both the primary and secondary correction signals. The primary correction signals are parabolas which are chopped to allow independent control of right and left, top and bottom. The corner correction signals are generated as the product of the horizontal rate and vertical rate parabolas, then chopped, allowing control of each corner individually.

The secondary correction signals are generated to add X^3 , X^4 , Y^3 , and Y^4 components to the composite correction signal without affecting the primary corrections.

All correction signals are applied to a control matrix to form the composite correction signals for red, green, blue, and blue lateral.

Convergence Output A14

The Convergence Output accepts the four composite correction signals (red, green, blue, and blue lateral) as voltage waveforms drives current through the appropriate convergence yoke coils. The convergence output consists of four linear voltage-to-current converters.

Low Voltage Power Supply A7A1
Low Voltage Power Supply A7A1

The Low Voltage Power Supply provides the operating power for the mainframe and interface module.

The low voltage power supply is a switching-mode power supply operating at approximately 25 kHz. The outputs of the supply are thus pre-regulated; series-pass regulation (where necessary) is accomplished in the individual assemblies.

The supplies which are provided are: +200 V, +140 V, +80 V, +35 V, +15 V, +8 V, gnd, -8 V, -15 V, -160 V, +10 V and -10 V floating with a common connection, +6 V floating for the crt heater, and connections for the ac degauss coil. The supplies are filtered to minimize ripple.

The regulator is designed to limit the total power drawn from the supply. One output is voltage regulated and the other output levels are determined by the transformer turns ratios. The supply is also designed to shut down if certain of these ratios are invalid (for example: if two of the protected supplies are shorted together).

High Voltage Power Supply A7A2

The High Voltage Power Supply circuit provides a regulated anode potential with output ripple synchronized to the horizontal frequency. The anode supply is current limited and overvoltage protected to comply with federal BRH X-radiation requirements. The regulation circuitry is a highly efficient switching type. The dc (static) focus output is adjustable independent of the anode voltage.

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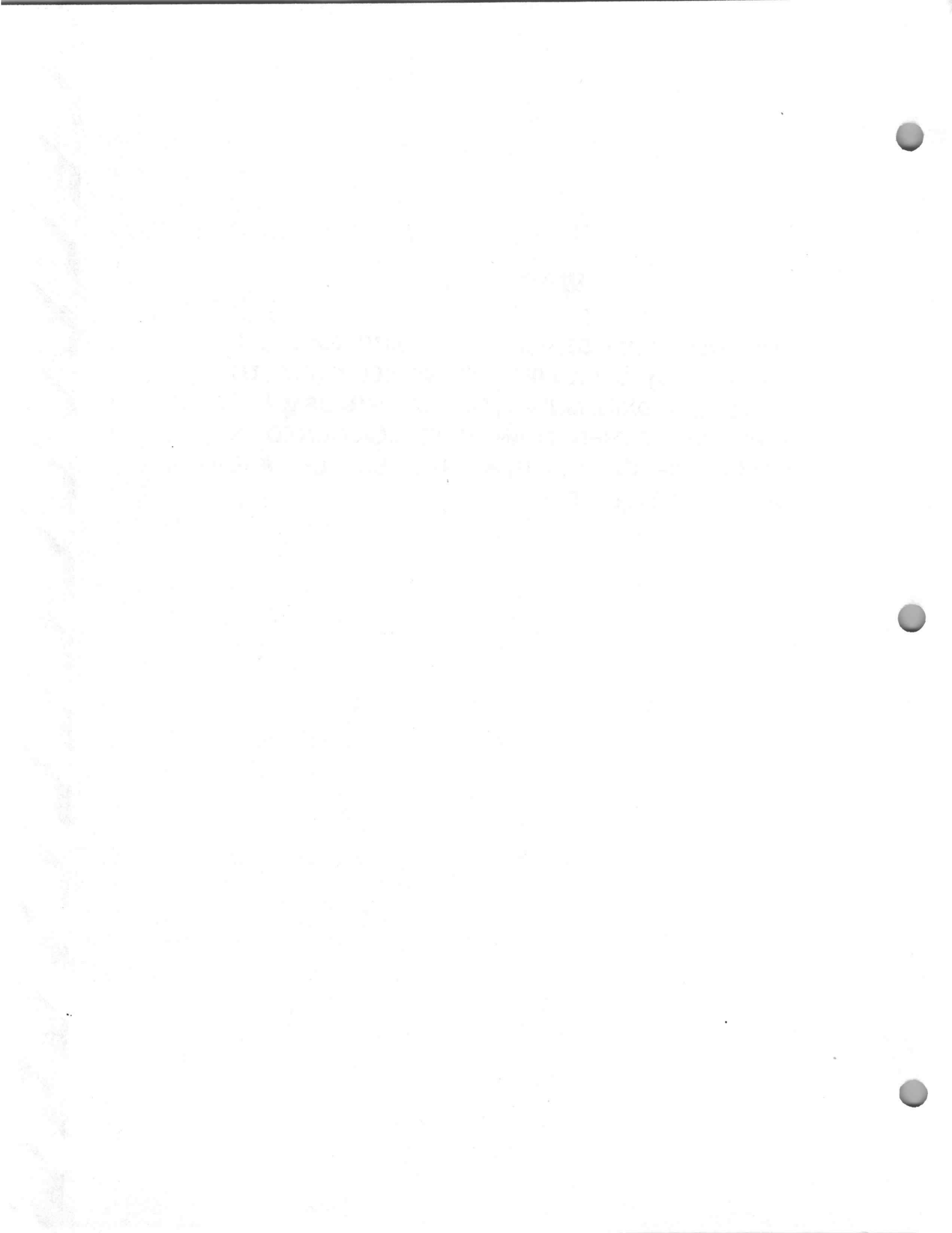
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WARNING

THE FOLLOWING SERVICING INSTRUCTIONS ARE FOR USE BY QUALIFIED PERSONNEL ONLY. TO AVOID PERSONAL INJURY, DO NOT PERFORM ANY SERVICING OTHER THAN THAT CONTAINED IN OPERATING INSTRUCTIONS UNLESS YOU ARE QUALIFIED TO DO SO.





PART II

SERVICE INFORMATION

WARNING

SERVICE INSTRUCTIONS ARE FOR USE BY QUALIFIED PERSONNEL ONLY. TO AVOID PERSONAL INJURY, DO NOT PERFORM ANY SERVICING OTHER THAN THAT CONTAINED IN THE OPERATING INSTRUCTIONS UNLESS YOU ARE QUALIFIED TO DO SO.

NOTE

Read the Operator's and Service Safety summaries preceding section 1.

ELECTRICAL INSTALLATION

Power Source

The 6942 is intended to operate from a power source that will not apply more than 250 V rms between either supply conductors and ground. A protective ground connection by way of the grounding conductor in the power cord is essential for safe operation.

Mains Voltage and Frequency

The instrument can be operated from either 115 Vac nominal mains voltage within a range of 103 Vac to 127 Vac or from 230 Vac nominal mains voltage within a range of 207 Vac to 250 Vac. Mains voltage must be within a frequency range of 48 Hz to 66 Hz.

Changing Mains Voltage and Fuse

The instrument is shipped with the Mains Input jumper, P427, set for either 115 Vac or 230 Vac nominal mains voltage with the proper fuse installed. The mains voltage for which P427 is set is shown on a voltage plate on the rear panel of the instrument. To change the mains voltage, proceed as follows:

1. Set the 6942 POWER switch to OFF and remove the power cord from the instrument.

2. Remove 5 retaining screws from the power supply assembly at the locations shown in Fig. 4-1a.
3. Disconnect the focus connector by pulling the connector outward. See Fig. 4-1b.
4. Disconnect the crt cable connector by squeezing the connector-latching clips together and pulling the connector outward.
5. Pull the power supply assembly outward from the left side of the instrument sufficiently to gain access to the remaining connectors (crt anode, degauss coil, and crt filament connectors).

NOTE

The anode outer connector must be turned approximately one half turn such that the ridges inside the outer connector align with the grooves in the inner connector. Remove the anode connector by pulling it outward.

6. Remove the power supply assembly from the instrument by pulling outward.
7. Place the power supply assembly upside down on the work bench.
8. Release the bottom panel by removing 6 screws shown in Fig. 4-1c.
9. Lift the bottom panel from the power supply assembly. Leave the power and degauss switches with wiring connected as shown in Fig. 4-1d.
10. P427 jumper on A7A1A1 (L V Power Supply Power Input board) is placed over pins 1 through 5 for 115 Vac and over pins 2 through 6 for 230 Vac nominal mains voltage. Move P427 to the desired mains voltage range position.
11. Reinstall the power supply assembly in the instrument by reversing steps 1 through 9.
12. Change the label on the rear panel of the instrument to indicate the nominal mains voltage and operating range of the instrument.

13. Change the mains fuse. Fuse ratings are listed on the rear panel of the instrument, and in the Replaceable Electrical Parts list of this manual.

Preset Jumper Positions

Certain pin jumpers have their jumper positions preset at the factory during calibration. Some of these jumpers may be reset by the user as conditions warrant. For example, suppose the Mains Connector jumper is factory-set for 115 V nominal mains voltage and available mains nominal voltage range is 230 V, then the Mains Connector jumper (P427 on the L.V. Power Supply Power Input board) must be reset for this voltage range. Table 4-1 lists all the jumpers, their factory-set positions, and their alternate positions.

Power Connection

Be sure that the POWER switch is OFF before connecting the power cord to the instrument. The male end of the power cord must match one of those shown in Fig. 4-2.

NOTE

The proper power cord is included in the accessories package for the "Country of Use" on the order. Otherwise, the North American power cord is shipped with the instrument.

After connecting the power cord to the instrument, a retaining plate may be installed to hold the power cord in place. This retaining plate and mounting screws are also provided with the accessories package. Whether this retaining plate is installed or not is left to the discretion of the user. See Fig. 4-3 for the location of the power cord retaining plate.

TABLE 4-1 FACTORY-SET JUMPER POSITIONS

Name of Circuit Board	Jumper	Factory-Set Positions	Jumper Function
A7A1A1 L V Power Supply Power Input	P427	1 through 5 (115 Vrms); 2 through 6 (230 Vrms)	Mains Voltage Selector
A7A1A2 L.V. Supply Inverter	P431	Open	Troubleshooting Aids
	P435	Open	
	P450	Open	
A8A2 Convergence Generator	P117	Open	Calibration Aids
	P130	Open	
	P160	Open	
	P235	Open	
	P261	Open	
	P320	Open	
	P335	Open	
	P412	Open	
	P425	Open	
	P600	Open	
	P634	Open	
	P635	Open	
	P735	Open	
P700	4 Spare Jumpers	Jumper Storage Pins	

TABLE 4-1 (cont)

Name of Circuit Board	Jumper	Factory-Set Positions	Jumper Function
A9A1 Raster Control	P820	2 & 3	Test Aid
A10A1 Vertical Deflection	P542	2 & 3 (+15 V)	Top and Bottom Pin Cushion/Tilt Vcc Selector
A11A1 Horizontal Deflection	P720	1 & 2	Horizontal B+ Selector
	P840	2 & 3	Test Aid
A11A2 Horizontal Delay Stabilizer	P105*	3 & 4	"S" Capacitor Selectors
	P205*	1 through 4	
	P325	1 & 2	Test Aid
	P405	1 through 4	"S" Capacitor Selectors
	P505	1 through 6	
A14A1 Convergence Output	P131	2 & 3	Troubleshooting Aids
	P239	2 & 3	
	P437	2 & 3	
	P637	2 & 3	
	P853	2 & 3 (+15 V)	Convergence Vcc Selector

Initial Turn 'On'

Install an interface module in the instrument, and apply a video test signal to the interface module.

Apply power to the instrument and allow it to warm up for 45 minutes.

NOTE

Always turn the instrument 'on' at least 45 minutes before making any measurements.

After the instrument has warmed up, check purity and convergence. Geographical location of the instrument such as moving from one location to another or turning the instrument relative to the earth's magnetic field may affect purity and convergence. Also, vibrations during shipping may move the yoke from its calibrated position and thus affect purity and convergence.

If necessary, readjust purity and convergence.

RACKMOUNTING

PRELIMINARY

Instrument Dimensional Drawing and Vertical Areas

Refer to fig. 4-4.

Description of Slide-Out Track Assemblies

The Slide-out tracks consist of two assemblies, one for the left side of the instrument and one for the right side. Each assembly consists of three sections. Fig. 4-5 illustrates the assembly for the right side of the instrument. The stationary section with its intermediate section attaches to the front and rear rails of the rack. The chassis sections are mounted to the left and right sides of the instrument at the factory.

The stationary and intermediate sections are shipped as a matched set and should not be separated. Extra hardware is provided with the slide-out track assemblies. This hardware enables the slide-out tracks to be mounted in a variety of racks. Not all the hardware

will be used for rackmounting the instrument, and some parts will be left over.

RACKMOUNTING IN A CABINET RACK

Rack Width

The instrument fits most 19-inch wide racks and consoles whose front and rear rails conform to Universal, EIA, and Western Electric hole spacing. Refer to Fig. 4-6 and Fig. 4-7 for rack rail hole spacing.

The dimension or opening between the front rails must be 17.625 inches for a rack in which the front lip of the stationary section mounts behind an untapped front rail as shown in Fig. 4-8a. This dimension allows space on each side for the instrument for the slide-out tracks to operate freely.

Rack Depth

Allow at least 3 to 4 inches clearance behind the rear of the instrument and any enclosure of the rack for cooling air circulation and coaxial cable connections. Fig. 4-4 shows the ventilation areas for the instrument.

The slide-out tracks easily mount to the cabinet rack front and rear vertical mounting rails if the inside distance between the front and rear rails is within 16.375 to 26.625 inches.

WARNING

If the 6942 is mounted in a portable rack, be sure that the rack is anchored so that the rack will not tip over when the 6942 is extended out of the rack.

Be sure to install the slide-out tracks on the correct sides (left to left, and right to right). If the slide-out tracks are not mounted on the correct sides, the stop-latches will not stop the instrument while being extended out of the rack.

Mounting Procedure

1. To mount the instrument directly above or below another instrument in the cabinet rack, select the appropriate holes in the front rack rails for the stationary sections. Refer to Fig. 4-7.

NOTE

The next two steps describe how to mount the slide-out tracks to untapped rack rails. If the rack rails are tapped, for 10-32 screws, the slide-out tracks can be mounted in front of the front rails and in back of the rear rack rails using the pan head screws. The bar nuts are not needed.

2. Mount the stationary sections to the untapped front rack rails using either of the following methods:
 - a) If the front rails are not countersunk, use the truss head screws and bar nuts to mount the stationary sections using Fig. 4-7 and Fig. 4-8a as a guide.
 - b) If the front rails are countersunk, use the flat head screws and bar nuts to mount the stationary sections.
3. Mount the stationary sections to the untapped rear rails using the following method:

Mount the left stationary section with hardware provided as shown Fig. 4-8 parts b and c. Note that the rear mounting bracket can be installed either way so the slide-out tracks will fit a deep or shallow cabinet rack. Refer to Fig. 4-8 parts b and c when mounting the stationary sections. Make sure that the stationary sections are aligned horizontally, that is level and parallel with each other.

Adjustments

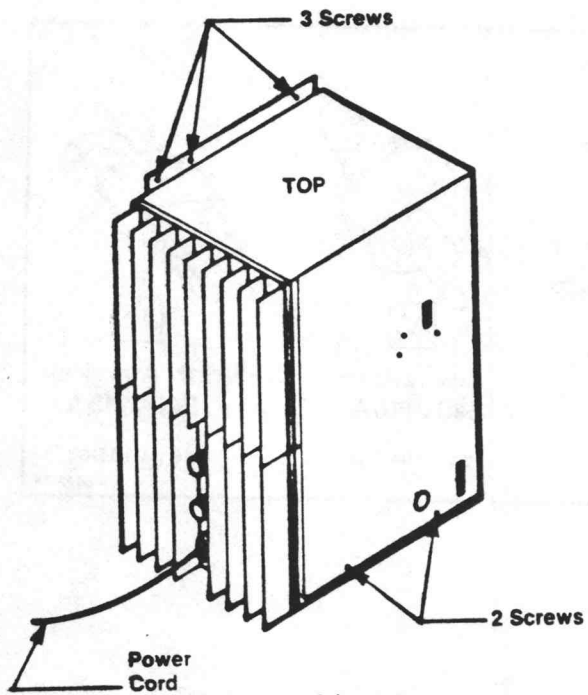
To adjust the slide-out tracks for smooth operation, proceed as follows:

1. Insert the instrument into the rack as described and shown in steps 1 through 4 of Fig. 4-9 "TO INSTALL" procedure.

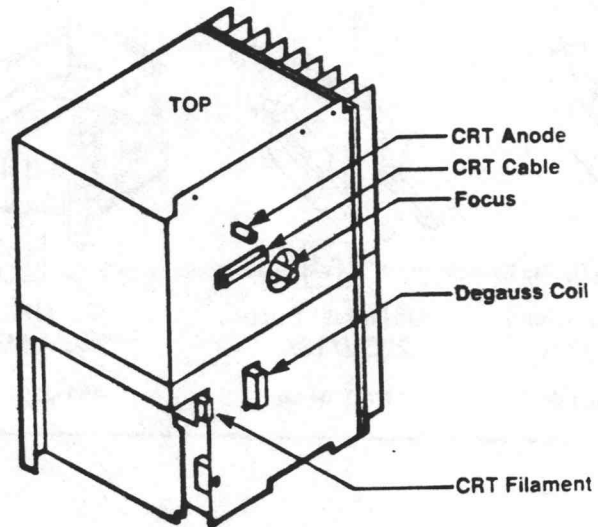
2. Adjust the slide-out tracks for proper spacing by pulling the instrument outward until the front of the instrument protrudes approximately 10 inches from the rack. Then, slightly loosen the screws that fasten the slide-out track stationary sections to the front rails of the rack. Allow the slides to seek their proper width. Check that the instrument is centered and tighten the screws.

Maintenance

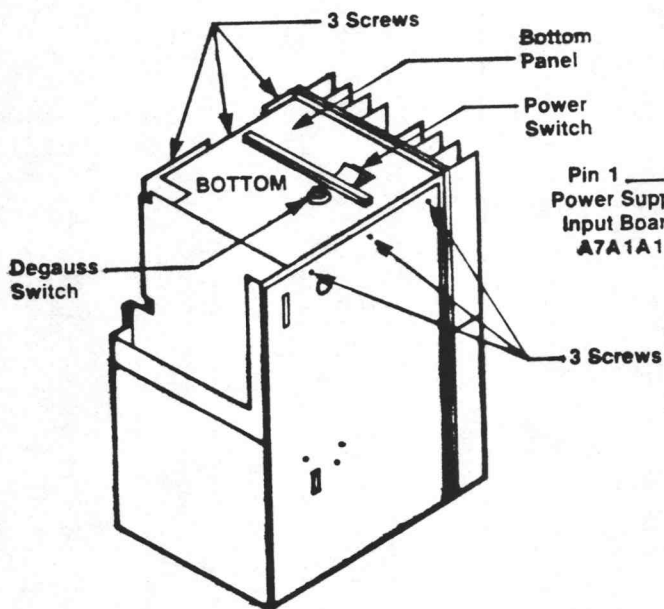
The slide-out tracks do not require lubrication. The special dark gray finish on the sliding parts is a permanent lubricating coating.



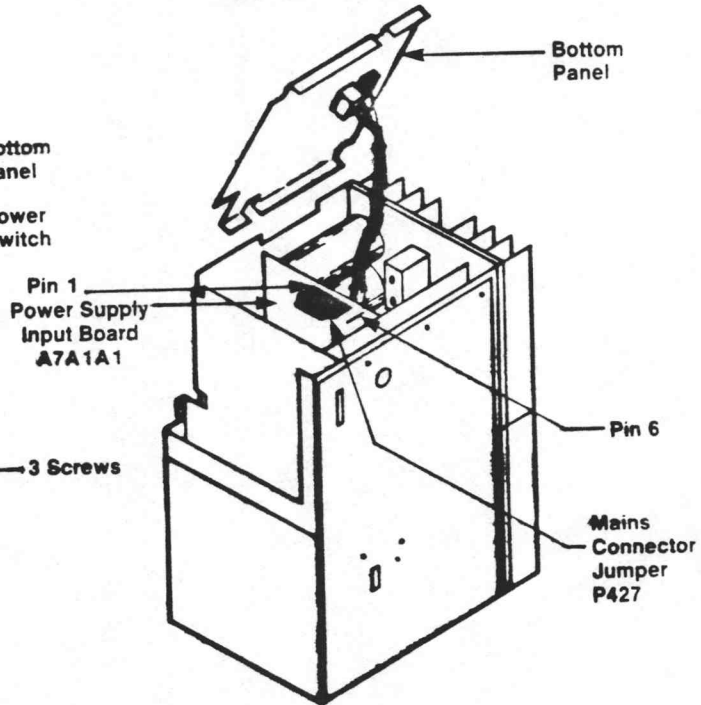
(A) Retaining screws.



(B) Connectors.



(C) Bottom panel screws.



(D) Mains connector jumper shown connected for 115 V ac nominal mains voltage.

4-1
53x42

Fig. 4-1.

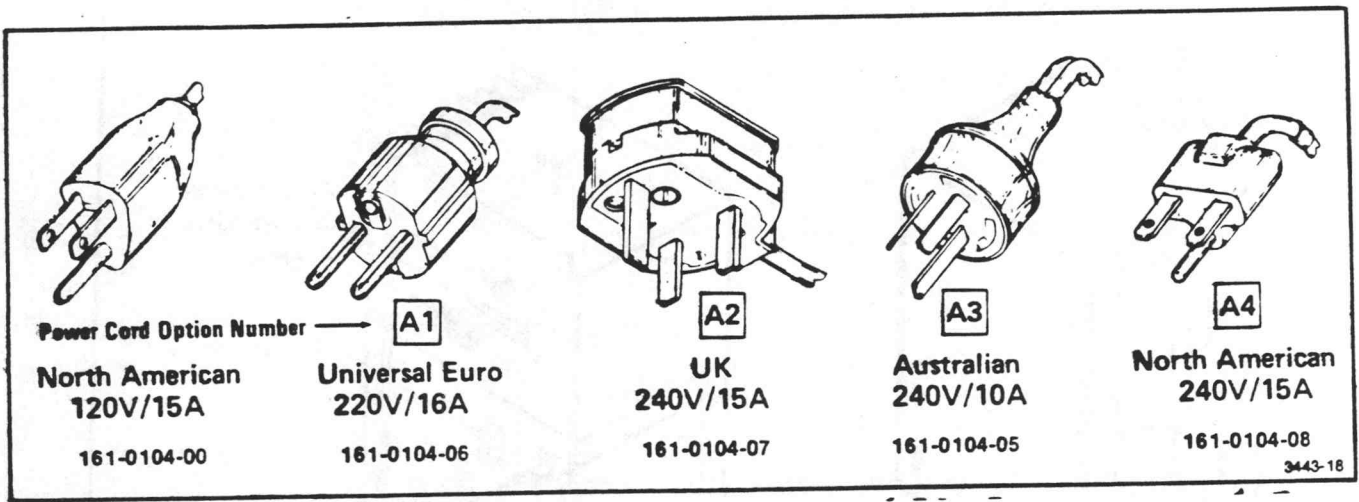
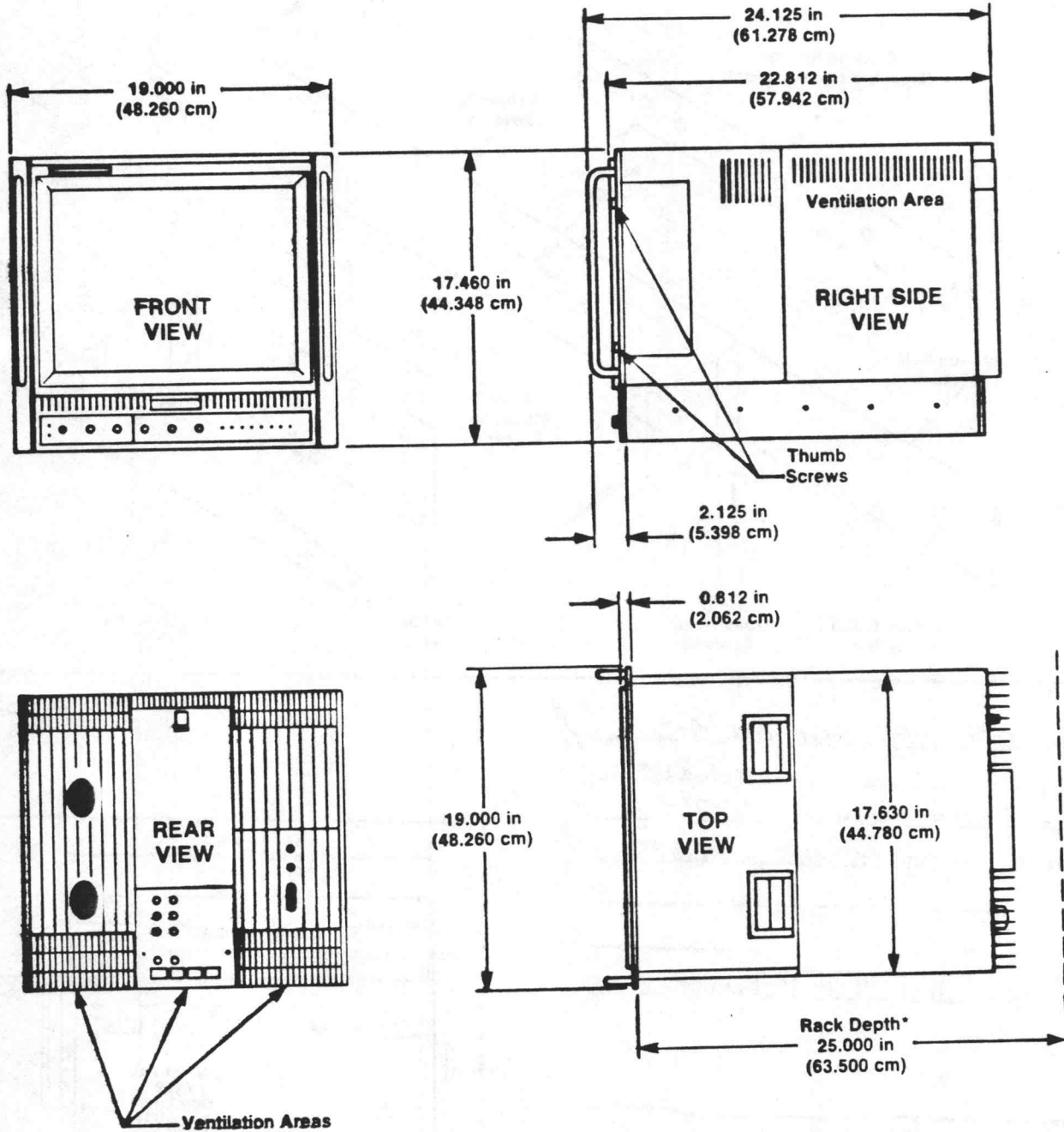


Fig. 4-2.



* Includes 3 in minimum clearance at rear of instrument for air circulation.

Fig. 4-3

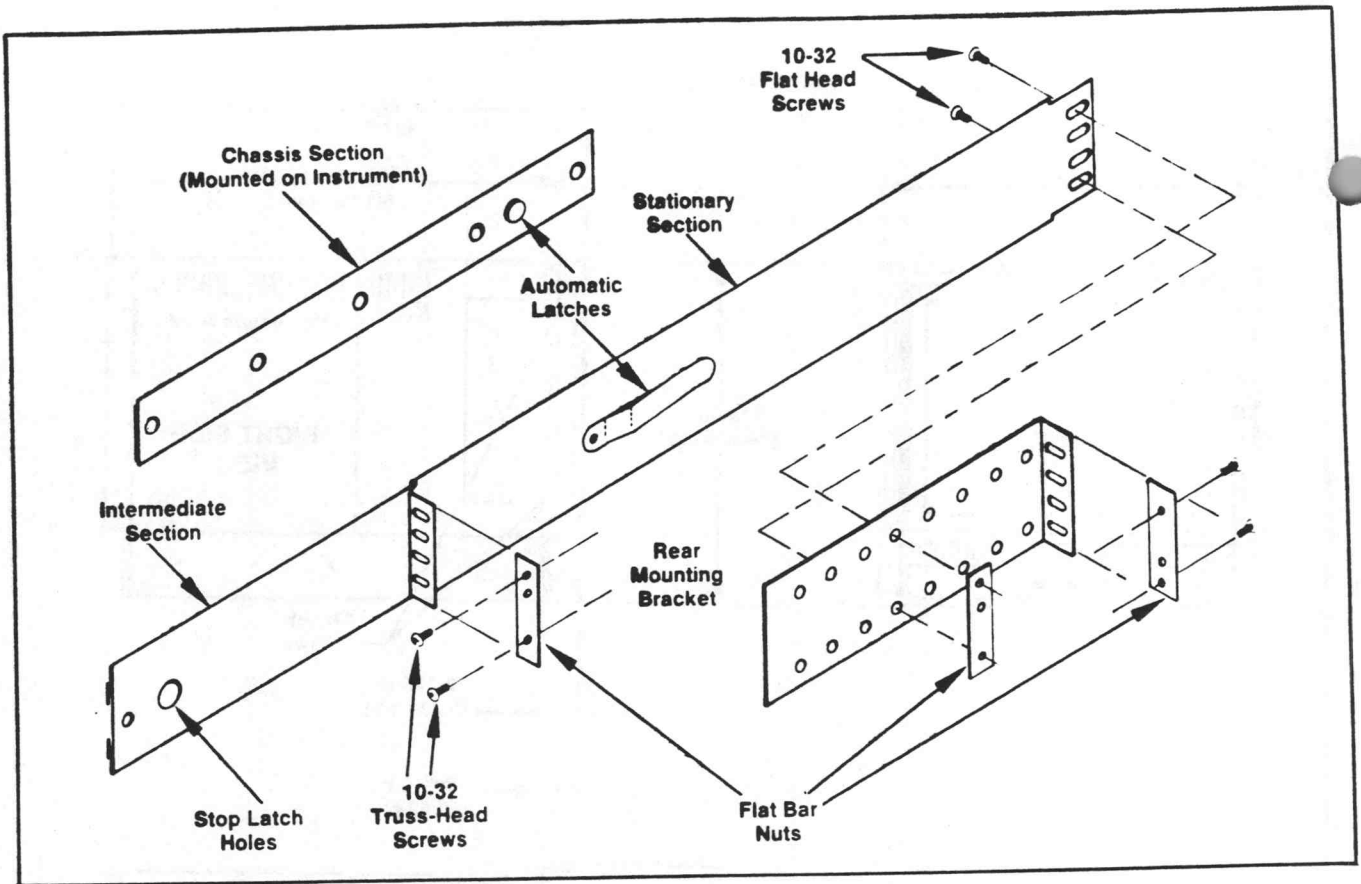


Fig. 4-5
27x42

MANUAL 690SR SECT/FIG. 4-5
 WRITER _____ ARTIST Davis
 SIZE 27x42 CAM SET 100%
 PHOTO INSTRUCTIONS Lineshot
 CORRECTION ARTIST _____

Fig. 4-4 is missing.
Will be included later.

MANUAL 690SR SECT/FIG. 4-6
 WRITER _____ ARTIST Davis
 SIZE 26x20 CAM SET 100%
 PHOTO INSTRUCTIONS Lineshot

CORRECTION ARTIST _____

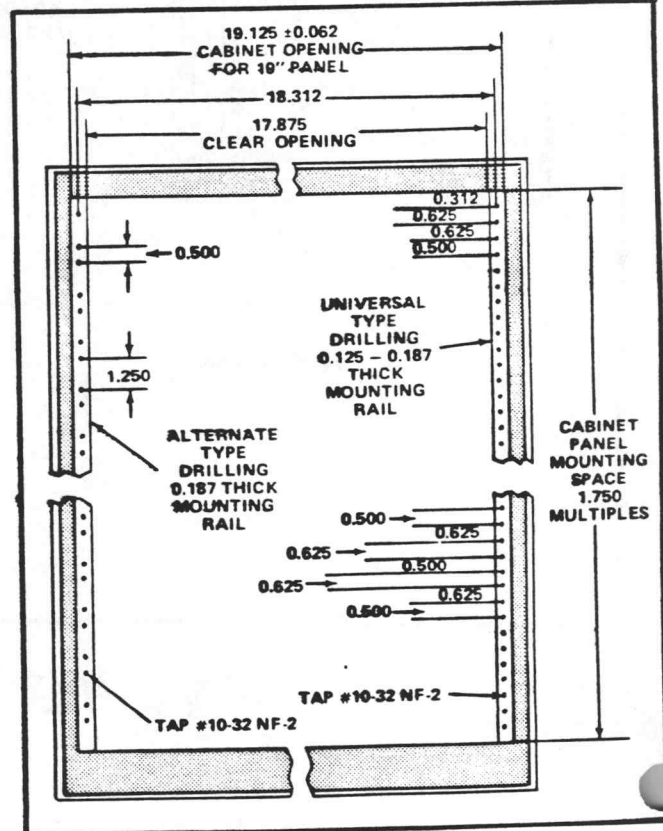


Fig. 4-6
26x20

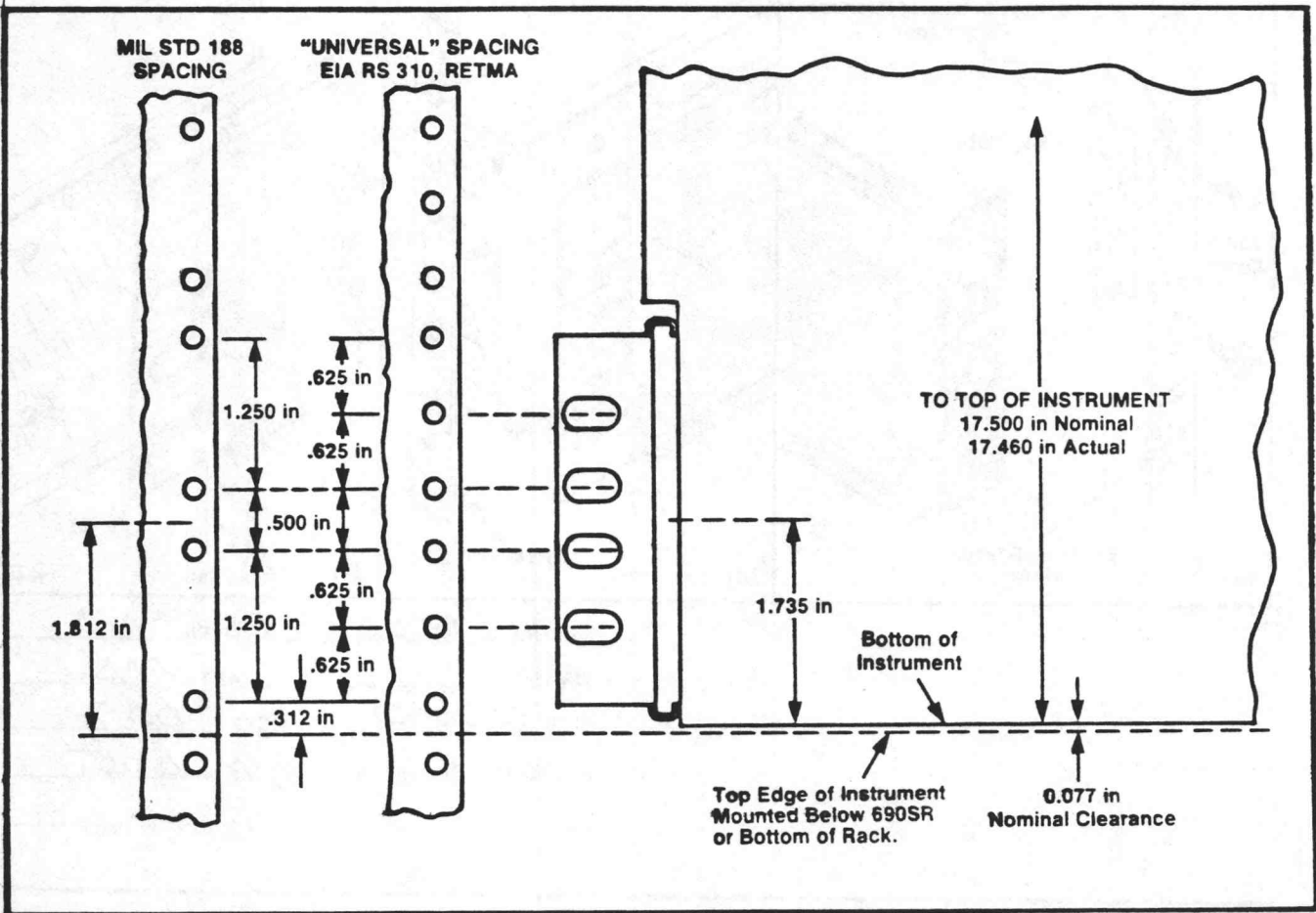
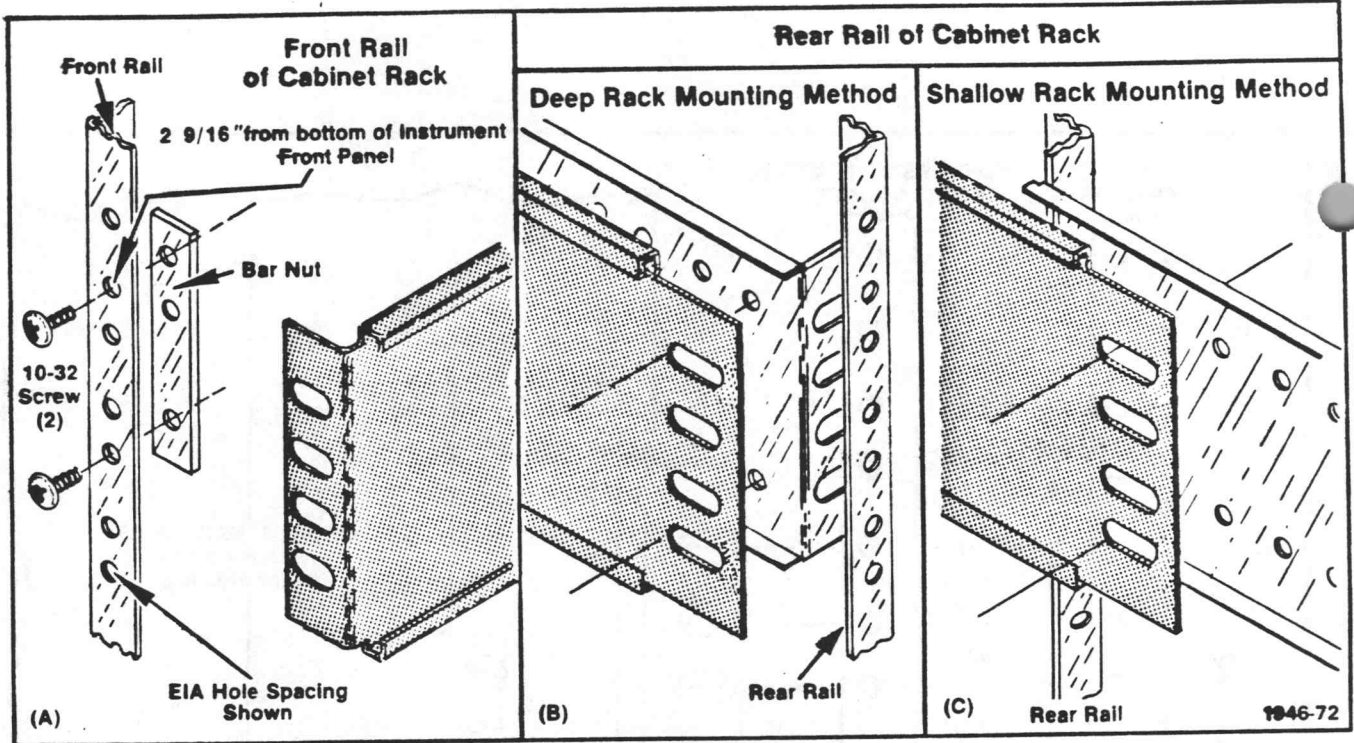
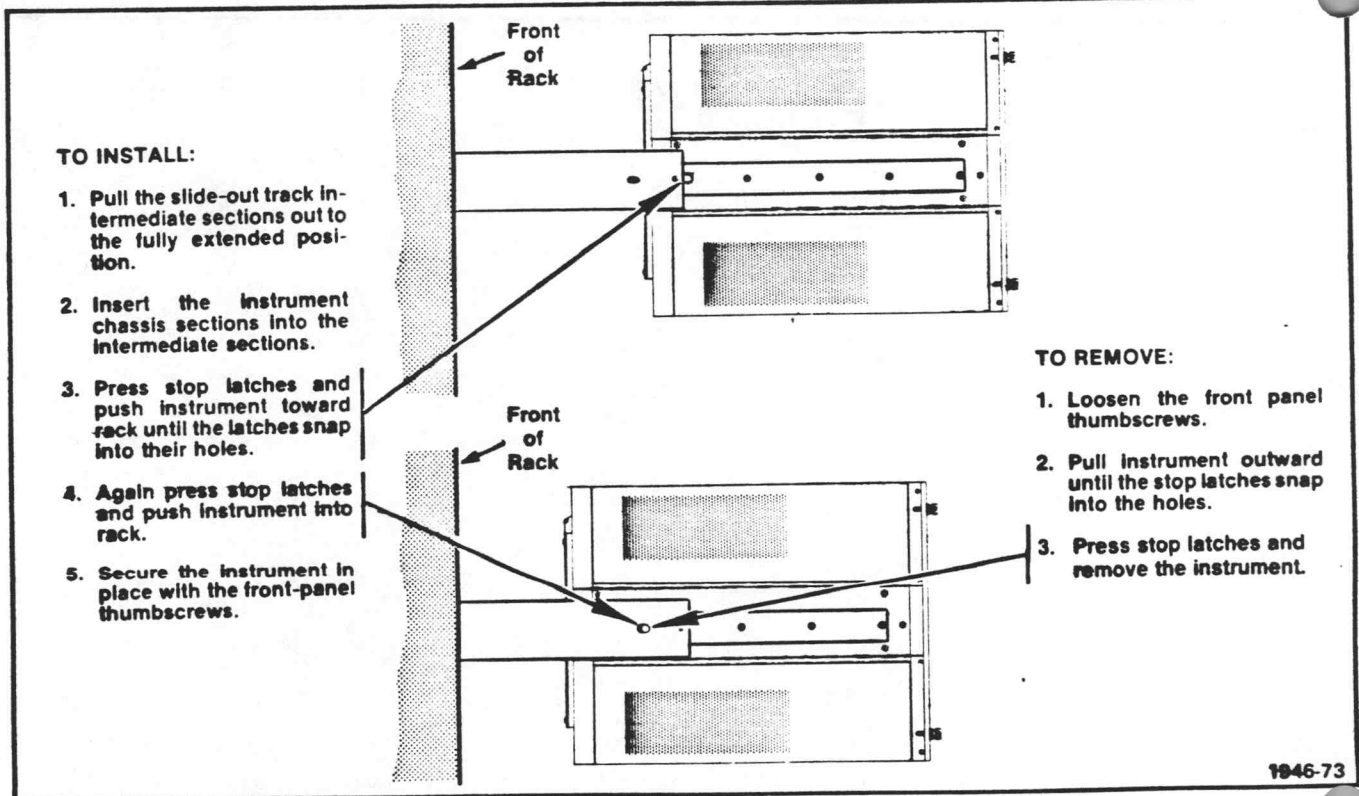


Fig. 4-7

4-7
29x42



MANUAL 6905R SECT/FIG. 4-8
 WRITER _____ ARTIST MD.
 SIZE 23x42 CAM SET 100%
 PHOTO INSTRUCTIONS Fineshot



TO INSTALL:

1. Pull the slide-out track intermediate sections out to the fully extended position.
2. Insert the instrument chassis sections into the intermediate sections.
3. Press stop latches and push instrument toward rack until the latches snap into their holes.
4. Again press stop latches and push instrument into rack.
5. Secure the instrument in place with the front-panel thumbscrews.

TO REMOVE:

1. Loosen the front panel thumbscrews.
2. Pull instrument outward until the stop latches snap into the holes.
3. Press stop latches and remove the instrument.

MANUAL 6905R SECT/FIG. 4-9
 WRITER _____ ARTIST MD.
 SIZE 25x42 CAM SET 100%
 PHOTO INSTRUCTIONS Fineshot

6942 MOD AA INTERIM CALIBRATION PROCEDURE

1. Install 69M41 module and use a Tektronix Pattern Generator (067-1039-00) or equivalent for a signal source (set active time to 26us).
 - a) If needed, adjust 69M41 to lock on the applied H rate.
 - b) If the raster is still unstable, see Table 1 in Step 12.
2. Low Voltage Power Supply
 - a) Adjust +15V supply (R462) for 15.3V on Minimum Load pin (J402 pin 4).
 - b) Look at TP460 and adjust volts null (R463) for 0 volts.
3. High Voltage Power Supply
 - a) Adjust high voltage pot (R452) for 25KV at anode, or 7.86V across lower two pins of J450 as measured with a 10 meg meter.
 - b) HV overload warning adjustment
 1. While using a J16 photometer, turn up brightness and contrast for a reading of 30 fL.
 2. Turn R532 so that neon light (DS251) just barely starts to flash.
 - c) Adjust static focus. Turn brightness down to normal and adjust focus control R260 for best focus.
4. Adjust H retrace delay (H. Delay Stabilizer board in Horizontal module)
 - a) Check that the rising edge of the waveform on TP150 (side of H Defl. module) is delayed 13us (+400ns) from the rising edge on TP546 (side of H Defl. module). If the time is within spec, go to Step 5.
 - b) Extend the Horizontal Deflection module.
 - c) Adjust R436 so that the rising edge of the waveform at TP120 is delayed 13us from the falling edge of the waveform at TP228.
 - d) Install Horizontal Deflection module.

6942 MOD AA INTERIM CALIBRATION PROCEDURE

5. Vertical Deflection Module

- a) Extend Vertical Deflection module. Check that pins one and two of J542 are jumpered.
- b) Adjust crossover distortion.
 1. Crossover distortion is a critical adjustment. If the pot is turned too far clockwise, the pincushion amplifier may be damaged.
 2. Turn crossover pot (R640) fully C.C.W.
 3. Look at TP728 and TP748 with dual trace oscilloscope in the A-B mode.
 4. Adjust R640 for minimum crossover distortion. DO NOT turn R640 any more clockwise than is necessary to minimize crossover distortion.
- c) Install Vertical Deflection module.

6. Raster Control Module

- a) Extend Raster Control module
- b) Adjust R240 so the slope of the ramp on TP230 is the same as the slope of the ramp on TP251.
- c) Adjust R145 so that the ramp on TP474 crosses 0 volts at the center of the horizontal active time. Note: When the signal on TP951 is low, this is the active time.

7. Convergence Generator waveforms (lower drawer board) - Note: Step 6 must be completed first.

- a) Install a spare jumper on J600 pins three and four.
- b) By using the signal on TP501 as an active time reference (active time is when the signal is low), adjust the H Size control (Convergence Control Bd.) so the active time portion of the ramp on TP500 is 7 volts P-P.
- c) Check that, at the center of active time, the ramp crosses 0 volts.
- d) TP611 - check for positive going 7V ramp (active time portion).
- e) TP420 - Horizontal Parabola; adjust as follows:
 1. Install spare jumper on J412.
 2. Adjust R500 for 0V.
 3. Remove jumper from J412. Adjust R403 for symmetry about active center time.

6942 MOD AA INTERIM CALIBRATION PROCEDURE

- f) TP523 - Inverted horizontal parabola
 - 1. Adjust R805 and R403 so that parabola touches ground at both ends of active time.
- g) TP635 - Horizontal S
 - 1. Jumper J735 and adjust R624 for minimum signal.
 - 2. Jumper J634 and adjust R723 for OV.
 - 3. Remove J735 and adjust R625 for OV.
 - 4. Remove J634 and proper S waveform should appear.
 - 5. Readjust pots as necessary to make waveform correct (i.e., 0 volts at the center and the beginning and ending of active time).
- h) TP441 - Inverted S waveform
- i) TP434 - Horizontal B
 - 1. Jumper J635 and adjust R521 for minimum signal.
 - 2. Jumper J425 and adjust R524 for OV.
 - 3. Remove J635 and adjust R425 for minimum.
 - 4. Remove J425 and proper B waveform should appear.
 - 5. Readjust R521, R524, and R425 if necessary to make correct B waveform.
- j) TP345 - Inverted B waveform
- k) Vertical ramp
 - 1. Adjust vertical size pot on Convergence Control Bd. for 7 volt P-P ramp on TP101.
 - 2. Adjust vertical position pot on Convergence Control Bd. so the ramp crosses 0 volts at the center of the active portion of the ramp.
- l) TP320 - Vertical parabola; adjust as follows:
 - 1. Jumper J320 and adjust R302 for OV.
 - 2. Remove jumper on J320.
 - 3. Adjust R300 for best symmetry at top of waveform.
- m) TP229 - Inverted parabola
 - 1. Adjust R220 and R300 until parabola touches ground at beginning and ending of vertical ramp time.

6942 MOD AA INTERIM CALIBRATION PROCEDURE

n) TP235 - Vertical S

1. Jumper J335 and adjust R324 for minimum signal.
2. Jumper J235 and adjust R322 for OV.
3. Remove J335 and adjust R328 for minimum signal.
4. Remove J235 and check for proper S waveform.
5. Readjust if necessary for correct S waveform.

o) TP243 - Inverted Vertical S

p) TP137 - Vertical B

1. Jumper J117, adjust R116 for minimum signal.
2. Jumper J130, adjust R119 for OV.
3. Remove J117, adjust R101 for minimum signal.
4. Remove J130 and readjust if necessary for correct B waveform.

q) TP141 - Inverted Vertical B

r) TP161 - Corner convergence waveform

Adjust R142, R242, and R250 for 100% modulation and zero volts across bottom of waveform.



- s) Remove the spare jumper from J600 pins three and four.

8. Convergence Output Module.

- a) Extend Convergence Output module. Check that pins one and two of J853 are jumpered.
- b) There are four crossover adjustments in this module. They are critical adjustments. If a pot is turned too far CW, it is possible to destroy an amplifier.
- c) Look at test points shown below with dual trace scope in alternate mode and channel B inverted. First adjust all pots fully C.C.W. Next, adjust each pot so that conduction times of the two waveforms slightly overlap. DO NOT turn pot any more clockwise than is necessary. This should yield minimum crossover distortion and minimum standing current. Alternatively, double check this adjustment by using the A-B mode.

1. Blue amplifier.

TP717 and TP747,
Adjust R648.

2. Green amplifier.

TP517 and TP547,
Adjust R542.

3. Red amplifier.

TP317 and TP348,
Adjust R342.

4. Blue lateral amplifier.

TP211 and TP242,
Adjust R141.

d) Install Convergence Output module.

9. Purity.

a) Degauss the instrument as well as any metal tables or racks associated with the installation of the instrument.

b) Apply a low-light flat field signal from the pattern generator. Turn on the white pedestal switch (S720, in drawer).

c) Coarse adjust the H and V size controls (in drawer) to produce a slightly underscanned raster.

d) Turn the V position control (in drawer) to midrange. Adjust vertical raster centering. (R550, Vert. Defl. Bd.) and horizontal raster centering (R149, Horiz. Defl. Bd.) to center the raster.

e) Turn off green and blue screen switches (in drawer). Adjust purity by sliding the yoke all the way forward and rotate the purity tabs to cause the central red area of light to be centered on the screen. Pull the yoke back for best full screen purity.

f) Apply a convergence signal to the instrument, turn on the green and blue screen switches and turn off the white pedestal. Turn off the secondary convergence (S626, in drawer) and leave off until step 17. Adjust the convergence using the primary controls. Adjust rotation of yoke for level picture.

6942 MOD AA INTERIM CALIBRATION PROCEDURE

- g) Turn off the electrical static convergence controls (S620, in drawer) and adjust the static (magnetic) convergence controls in the CRT neck cavity for best convergence.
- h) Turn on the electrical static convergence controls (S620, in drawer) and adjust the static primary convergence controls for best convergence.
- i) Repeat steps (b) through (h) for best purity and convergence.

10. Raster Size Control Limit Check (Convergence Control Bd.)

- a) Extend the Front Control drawer.
- b) Turn the horizontal size control fully clockwise (R925).
- c) The active portion of the H ramp on TP474 should be 8.2 volts P-P. (If not, remove the Convergence Control panel and adjust R928.)
- d) Turn the vertical size control (R825) fully clockwise.
- e) The vertical ramp on TP675 should be 8.2V P-P. (If not, remove the Convergence Control panel and adjust R827).

Note: Other settings of (c) and (e) less than 8.2 volts P-P are permissible if less overscan range is desired.

11. H and V position and size control reference pre-set (located on Convergence Control Bd.).

Note: Before linearity and final convergence adjustments are made, these controls need to be pre-set to certain reference conditions to ensure proper adjustment range of linearity and convergence controls and to ensure that the position and size controls will function through their range properly.

- a) Look at TP675 (V ramp) and adjust vertical position (R820) so that ramp crosses 0 volts at the center of active time. (For the vertical ramp, the active time is defined to be the time that the ramp has a slope greater than zero.)
- b) Turn on white pedestal (S720), adjust the H size control (R925) for a slightly underscanned raster. Apply a convergence pattern to the instrument and adjust the H position control (R920) to center the video pattern in the raster. Then turn off S720.

6942 MOD AA INTERIM CALIBRATION PROCEDURE

- c) Look at TP474 (H ramp) and check to see that the ramp crosses 0 volts at the center of active time. The active time is defined to be the time that the mainframe H retrace blanking (see TP473) signal is low. If there is a problem, go back and redo Step 6.
- d) Adjust the H size control (R925) to yield 7 volts P-P for the active portion of the ramp on TP474.

Note: The convergence pattern from the Tektronix pattern generator is normally calibrated to 6.75us blanking time. Therefore the vertical lines on the left and right side of the screen are on the edge of the mainframe's raster. Using this signal, the raster is calibrated such that a 7 volt P-P (active portion) ramp yields a pattern with a width of 14.7 inches. It is possible to calibrate the mainframe properly with a convergence pattern whose blanking time is greater than 6.75us and/or whose desired horizontal width is other than 14.7 inches by using the following equation:

$$H_R = \frac{(7)(H_W)(H_P - 6.75\text{us})}{(14.7)(H_P - H_B)}$$

H_R = Volts P-P that the active portion of the H ramp should be set to. (See Step 10 for limit.)

H_W = Desired horizontal width in inches.

H_P = Total horizontal period in seconds.

H_B = Horizontal video blanking in seconds.

- e) Adjust the V size control (R825) to yield a 7 volt P-P ramp on TP675.

Note: For a convergence pattern whose top and bottom lines do not lie on the edge of the mainframe's blanking (600us) and/or if a different vertical height is desired, the amplitude of the vertical ramp should be set as per the following equation:

$$V_R = \frac{(7)(V_H)(V_P - 600\text{us})}{(11.00)(V_P - V_B)}$$

V_R = Volts P-P for vertical ramp. (See Step 10 for limit.)

6942 MOD AA INTERIM CALIBRATION PROCEDURE

- V_H = Desired height in inches.
 V_P = Total vertical period in seconds.
 V_B = Vertical video blanking in seconds.

12. Horizontal linearity

Note: Steps 6, 9, and 11 must be completed first.

- a) Adjust pattern generator so that convergence lines fill raster vertically (use 18 lines of blanking, approximately 600us). Adjust generator active time to 26us.
- b) Install linearity graticule.
- c) Put a point light source in front of the mainframe so that the doughnut shadows of the graticule pattern just touch the bezel of the mainframe around its inside perimeter.
- d) Adjust horizontal raster centering, R149 on H module, so that center line of convergence pattern lines up with center doughnut shadows.
- e) Adjust raster size cal. pot, R620 on H module, for full size picture (convergence pattern fits graticule shadows).
- f) Adjust horizontal linearity pot, R144 on H. module, for symmetry from left to right.
- g) Reprogram "S" jumpers (see table below) for best center to sides linearity if needed.
- h) Repeat steps (b) through (g) as necessary.

6942 MOD AA INTERIM CALIBRATION PROCEDURE

TABLE 1

Horizontal Active Time Range	Horizontal Frequency Range (Note: Mainframe has 6.75us retrace time)	S Cap Jumper Positions:				J720 Supply Jumper Positions on H Defl. Bd.:
		D	C	B	A	
		<u>J505</u>	<u>J405</u>	<u>J205</u>	<u>J105</u>	
20 - 25.1 us	37.4 - 31.4 KHz	0	0	0	X	2-3
25.1 - 32.0 us	31.4 - 25.8 KHz	0	0	1	X	2-3
32.0 - 43.8 us	25.8 - 19.8 KHz	0	1	X	X	2-4
43.8 - 53.4 us	19.8 - 16.6 KHz	1	0	X	X	2-4
53.4 - 60.0 us	16.6 - 15.0 KHz	1	1	X	X	1-2

13. Horizontal linearity match adjustment (Raster Control module must be extended).

- a) Turn H size control down for 5V active time ramp on TP474 (in drawer).
- b) Adjust raster size cal pot, R620 in H module, so that picture is 10/14 of full size.
- c) Turn H size control up for 7V active time ramp on TP474.
- d) Adjust horizontal linearity match, R432 on Raster Control, for full size picture.
- e) Repeat steps (a) through (d). H Position can be moved if needed to aid in this adjustment.

14. Vertical linearity

Note: Steps 6, 9, 11, 12, and 13 must be completed first.

- a) Adjust vertical raster centering, R551 in Vertical Deflection module, to center picture in graticule shadows.
- b) Adjust vertical size cal pot, R553 in Vertical Deflection module, for full size picture.
- c) Adjust vertical linearity balance pot, R855 on side of Raster Control module, for best top to bottom linearity.

6942 MOD AA INTERIM CALIBRATION PROCEDURE

- d) Adjust vertical linearity pot, R651 on side of Raster Control module for best linearity from center to top and bottom.
- e) Repeat steps (a) through (d) as necessary.

15. Edge linearity

Note: Steps 6, 9, 11, 12, 13, and 14 must be completed.

- a) Adjust side pin/tilt gain, R755 on Raster Control module, for straight sides.
- b) Adjust side tilt, R652 on Raster Control module, for vertical sides.
- c) Four interacting pots for top and bottom horizontal lines:
 - 1. Raster Control module,
 - a) T&B pin gain, R351.
 - b) T&B pin balance, R454.
 - 2. Convergence Control Bd. (in drawer),
 - a) T&B pin S, R633.
 - b) T&B pin tilt, R630.
- d) Readjust vertical size cal, R553 in Vertical Deflection module.
- e) Repeat steps as necessary.

16. Dynamic focus (Raster Control module must be extended)

Note: Steps 13 and 14 must be completed first.

- a) Midrange dynamic focus pot, R554.
- b) Adjust H focus cal pot R324 for 12V P-P of horizontal rate focus on TP851.
- c) Adjust V focus cal pot R640 for 5V P-P of vertical rate focus on TP851.
- d) Install Raster Control module.

17. Convergence

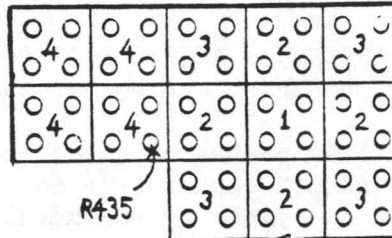
Note: Steps 6, 9, 11, 12, 13, 14 must be completed first.

6942 MOD AA INTERIM CALIBRATION PROCEDURE

- a) Switch S626 on (secondary convergence), turn R435 (blue Horizontal S) from end to end to find crossover point, and adjust crossover point to screen center with convergence delay pot (R635). Switch S626 off.
- b) Adjust primary convergence controls for best convergence, beginning with controls in area "1" of the following illustration. Next, adjust controls as necessary in areas marked "2" and then "3".

Secondary convergence

Primary convergence



- c) Switch S626 on. Adjust secondary convergence controls in area "4" for best convergence.
- d) Switch S620 to cal (static convergence).

NOTE

This step is absolutely necessary to insure long term reliability of the convergence output amplifiers and should not be avoided just because convergence looks good at this point.

1. Adjust static (magnetic) convergence controls in CRT neck cavity.
 2. Touch up purity.
 3. Do steps 1 and 2 again if necessary.
 4. Switch S620 to normal.
- e) Readjust convergence as necessary.
18. Video Amplifier.
- a) Adjust R119 so that +12V supply (TP120) equals absolute value of -12V supply (TP419).
 - b) Black level preset (TP352 in green amplifier). Adjust black level preset on front panel for back porch level of video signal same voltage as black level sample.

6942 MOD AA INTERIM CALIBRATION PROCEDURE

- c) Input DC balance (red and blue channel, TP552, TP142). Adjust input balance pots in red and blue amplifiers for same as in above step (part b).

The following steps are for all three amplifiers, but only the red test points are numbered, since the amplifiers are duplicates of each other.

- d) Gain cell balance (TP552). Adjust R535 for no movement of back porch level as contrast control is changed.

- e) Contrast preset (TP579) center all black bal. and white bal. pots (in drawer). Adjust contrast preset in drawer for 1.2V P-P video. This should yield approximately 1.2V green, and 0.9V blue.

- f) Black level color shift null.

1. Look at green grid (TP325) with differential scope that has DC offset control (1V/div.).
2. Adjust black level preset (drawer) so that back porch does not shift with rotation of contrast control.
3. Red grid (TP337) on CRT socket board.
4. Adjust R525 so that back porch does not shift with rotation of contrast control.
5. Blue grid (TP309) on CRT socket board.
6. Adjust R125 so that back porch does not shift with rotation of the contrast control.

- g) Colorimetry

1. Look at red TP437, and adjust R591 for 42V P-P video.
2. Look at green TP419, and adjust R391 for 42V P-P video.
3. Set R191 to midrange.
4. Look at blue TP309, and adjust the Blue Screen control (in drawer) so that the beam current sample interval is at -100V.
5. Set Pattern Generator for White Flat Field.

6942 MOD AA INTERIM CALIBRATION PROCEDURE

6. Monitor the light output from the crt faceplate with a J16 Photometer, and adjust R191, Blue Gain, for a 5.0 $\mu\text{W}/\text{cm}^2$ reading. (Signal on TP410 should end up being adjusted to between 25 and 40V P-P.)
7. Adjust Green Screen for 4.6 $\mu\text{W}/\text{cm}^2$ light output. (Beam current sample interval on TP325 should end up being adjusted to between -60 and -100V.)
8. Adjust Red Screen for 5.4 $\mu\text{W}/\text{cm}^2$ light output. (Beam current sample interval on TP337 should end up being adjusted to between -60 and -100V.)
9. Set Pattern Generator for Grey Flat Field.
10. Adjust Black Balance pots for:
 - 0.054 $\mu\text{W}/\text{cm}^2$ Red
 - 0.046 $\mu\text{W}/\text{cm}^2$ Green
 - 0.050 $\mu\text{W}/\text{cm}^2$ Blue
11. Repeat steps 18g 5-10 as necessary.
12. Adjust static focus pot R260 for best focus.
13. Check range of contrast control. Should be adjustable from 5 F1 to 27 F1, as read by a J16 Photometer with F1 probe. Set Pattern Generator for White Flat Field.

h) Frequency Response.

1. Set Pattern Gen. to V Bar signal only.
2. Remove crt socket from crt.
3. Use 13 pf probe with short ground strap. Connect probe to crt socket side of R337.
4. Adjust coil on crt socket board (L445, etc.), and coil and pot on video amp. board (L573 and R600, etc.) for rise and fall times of 14 ns or less, with $\pm 3\%$ overshoot and undershoot.
5. As a final check, close the video amp. board assembly, and check rise and fall times at crt socket terminals.
6. Re-install the crt socket.

6942 MOD AA INTERIM CALIBRATION PROCEDURE

- i) Contrast Preset control can be adjusted to other settings if desired.

SECTION 8

TROUBLESHOOTING

The following are a few aids and suggestions that may assist in locating a problem. After the defective assembly or component has been located, refer to the Corrective Maintenance part of Section 9 in this manual for removal and replacement instructions.

NOTE

No repair should be attempted during the warranty period, or by unqualified personnel.

Troubleshooting Aids

Theory of Operation. A circuit description is provided in Section 5. Used in conjunction with the schematic diagrams in Section 12, the information provided is helpful when analyzing circuit operation.

Foldout Pages. The foldout pages at the back of the manual contain significant information useful for troubleshooting the instrument. Block and schematic diagrams, waveforms, circuit-board, component, and adjustment illustrations, parts locating charts, and IC diagrams are located on foldout pages. See Fig. 8-1.

Diagrams. Block and circuit diagrams are the most often used aids to troubleshooting. The circuit number and electrical value of each component is shown on the diagrams (see the first page in Section 12 for definition of the reference symbology used to identify components in each circuit). Refer to the Replaceable Electrical Parts list for a complete description of each component. Those portions of the circuit that are mounted on circuit boards or assemblies are enclosed in a black border, with the name and assembly number shown on the border.

NOTE

Check the Change Information section at the rear of the manual for inserts describing corrections and modifications to the instrument and manual.

Circuit Board Illustrations. Electrical components, connectors and test points are identified on circuit board illustrations located on the inside fold of the corresponding circuit diagram, or the back of the preceding diagram. An illustration for circuit board location is also provided next to the appropriate component location illustration. Adjustment location illustrations are also provided to aid in the calibration of the instrument. These illustrations precede the schematic diagrams.

Parts Locating Chart. The schematic diagrams and the circuit board illustrations are assigned location grids. A parts locating chart for each assembly gives grid locations of components on both the circuit board and the schematic diagram.

Assembly and Circuit Numbering. The circuit boards and other assemblies (except for the chassis and the front- and rear-panel components) are assigned assembly numbers shown in Fig. 8-2. Assemblies are designated by the letter A and a number. A second letter A appearing after the first assembly designator is the symbology used to represent a sub-assembly to the main assembly. As many as three assembly letter designators may appear in one number to label a sub-assembly.

Each component is assigned a circuit number according to its geographic location within an assembly.

The Replaceable Electrical Parts list is arranged in assembly-by-assembly order, as designated by ANSI Standard Y32.16-1975. The circuit number in the parts list is made up by combining the assembly number and the circuit number.

EXAMPLE: R25 on A8A1 would be listed in the parts list as A8A1R25.

In the case of chassis, the front- and rear-panel mounted parts, which have no assembly number, the parts list number is the same as shown on the schematic. Any one- or two-digit circuit number in the parts list refers to a part mounted on the front or rear panel, or the chassis.

NOTE

The parts list number should be used when ordering replacement parts.

Component Identification

Wire Color Codes. Insulated wires are color-coded to facilitate circuit tracing.

Connectors. Intercircuit connections are made by various connector types. Edge pin connectors are used for assembly-to-assembly connections on common interconnect boards. Multiple-terminal connectors in harmonica-type plastic holders are used for wire-cable interconnection of circuit boards. The terminals in the holder are identified by numbers that appear on the holder and the circuit diagrams. Connector orientation to the circuit board is keyed by triangles on the holder and the circuit board (see Fig. 8-3).

All connectors are identified on the schematic and board with "p" numbers.

Resistors. Composition (brown body), metal-film (gray or light blue body), and power resistors are used in this instrument. The resistance values of composition and metal-film resistors are color coded on the component in accordance with the EIA color code (some metal-film resistors may have the value printed on the body).

Capacitors. The capacitance value of common disc capacitors, electrolytics, and ceramics are marked in microfarads or picofarads on the side of the component body. The white ceramic capacitors and tantalum electrolytics are color coded.

Diodes. The cathode of each glass-encased diode is indicated by a stripe, a series of stripes, or a dot. Some diodes have a diode symbol printed on one side.

Transistors and Integrated Circuits. The generic name of a transistor or integrated circuit (IC) is usually printed on the part. If not, reference to the Replaceable Electrical Parts list in Section 11 is the best source for component identification. Figure 8-4 shows the lead configurations for the transistors, ICs, and field effect transistors (FETs) used in this instrument.

Troubleshooting Equipment

The following signals and equipment are useful for troubleshooting the picture monitor.

1. **Signal.** The signal used for the waveform pictures in Section 12 is an NTSC standard 100% amplitude full field color bar luminance signal with a 100% white bar and 7.5% setup.

2. **Test Oscilloscope.** Frequency response: dc to 20 MHz. Minimum deflection factor: 50 mV/div with a 10X probe. Sweep rate: 2 ms/div to 200 micro sec/div.

3. **10X probe.** Matches input capacitance of test oscilloscope. Useful bandwidth: 20 MHz.

4. **Digital Voltmeter.** Input resistance: 10 Megohms. Accuracy of ac and dc readings: 0.1% .

5. **Semiconductor Tester.** Some means of testing the transistors, diodes, and FETs used in this instrument is helpful. A transistor-curve tracer will give the most complete information.

Troubleshooting Procedure

This procedure is arranged in a sequence that checks the simple trouble possibilities first.

1. **Check Control Settings.** Incorrect control settings or wrong internal jumper positions can indicate a trouble that does not exist. If there is any question about the correct function or operation of any control or jumper, refer to Sections 4 and 12 in this manual.

2. **Check Associated Equipment.** Before troubleshooting the instrument, check that the applied signal is correct and properly connected. Check that the probe, if used is properly compensated and not defective.

3. **Isolate Trouble to a Circuit.** If the picture monitor is at fault, isolate the trouble to a circuit by noting the trouble symptoms. This can be accomplished by using the front panel controls and observing the CRT display to identify the nature of the trouble. Then, use steps 4 through 6 to isolate the trouble to the probable cause such as a defective component or connection.

4. **Visual Check.** Visually check the portion of the instrument in which the trouble is suspected. Some troubles can be located by checking for unsoldered connections, broken wire, loosely-seated transistors, loose-fitting connectors, damaged components, or damaged circuit boards.

5. **Check Voltages and Waveforms.** Often the defective component or stage can be located by checking for correct voltages or waveforms in the circuit. Typical waveforms are given near the diagrams. To obtain operating conditions similar to those used to take these waveforms, refer to the instructions at the start of the Diagrams section.

CAUTION

Because of component density on circuit boards, care should be taken with meter leads and probe tips. Accidental shorts can cause abnormal voltages or transients that may destroy components. "Ground Lugs" are not always at ground potential. Check the diagrams before using such connections as ground for meter prods or oscilloscope probes. Some transistor cases may be elevated.

6. Check Individual Components. When you have isolated the trouble to one circuit or stage, the next step is to isolate the trouble to one component or part. Components that are soldered in place are best checked by disconnecting one end to isolate the measurement from the effects of surrounding circuitry. The following methods are provided for checking individual electrical components in the instrument.

a. Transistors. The best check of transistor operation is actual performance under operating conditions. If a transistor is suspected of being defective, it can be checked by substituting a new component or one which has been checked previously. However, be sure that the circuit conditions are not such that a replacement transistor might also be damaged. If substitute transistors are not available, use a dynamic tester.

b. Integrated Circuits. Integrated circuits should not be replaced unless they are actually defective. The best method for checking these devices is by direct substitution with a new component or one which is known to be good. Be sure that circuit conditions are not such that a replacement component might be damaged.

c. Diodes. All diodes can be checked for an open or shorted condition by measuring the resistance between terminals.

d. Resistors. Resistors can be checked with an ohmmeter. Check the Replaceable Electrical Parts list for the tolerance of the resistors used in the instrument. Resistors normally do not need to be replaced unless the measured value varies widely from the specified value.

e. Inductors & Switch Contacts. Check for an open circuit (that should be normally closed) by checking continuity with an ohmmeter.

f. Capacitors. A leaky or shorted capacitor can best be detected by checking the resistance with an ohmmeter on the highest scale. Do not exceed the voltage rating of the capacitor. An open capacitor can best be detected with a capacitance meter or by checking whether the capacitor passes ac signals.

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SECTION 9

MAINTENANCE

Introduction

This section describes model procedures for preventive and corrective maintenance. Preventive maintenance is a valuable tool to ensure maximum performance, locate defects that may not be apparent during regular operation, and even improve instrument reliability. Should the instrument fail to function properly, corrective action should be taken which may include partial disassembly. The corrective maintenance section contains information relating to instrument disassembly, replaceable and non-replaceable parts, special pre-calibration procedures not included in the Adjustment Procedure, and instrument repackaging.

PREVENTIVE MAINTENANCE

A preventive maintenance procedure should be developed for an instrument which includes cleaning, visual inspection, lubrication, performance checks, and if needed, recalibration. The following provides information under each of these topics and is presented in the best interest of instrument operation and longevity. A preventive maintenance schedule is determined by the serverity of the operating environment but should occur no later than 6 months or 4000 hours of operation.

Cleaning

Dust accumulating in the instrument acts as an insulating blanket, preventing heat dissipation, and possibly causing overheating and component breakdown. Accumulated dust can also provide an electrical conduction path, especially under high humidity conditions.

CAUTION

Avoid the use of chemical cleaning agents which might damage the plastics used in this instrument. Avoid using organic cleaning solvents such as benzene, toluene, xylene, acetone, freon, or other halogenated hydrocarbon solvents. Use a non-residue type of cleaner, preferably isopropyl alcohol, or denatured ethyl alcohol. Before using any other type of cleaner, consult your local Tektronix Service Center or representative.

Exterior. Remove accumulated dust with a soft cloth or small paint brush. The brush is particularly useful around the front panel controls.

The remaining dust can be removed with a soft cloth, dampened in a mild detergent and water solution. Do not use abrasive cleaners.

Picture Tube (CRT). Clean the CRT face and bezel with a soft, lint-free cloth dampened with mild detergent and water. Repeat with a cloth dampened with water only.

Interior. The best way to remove accumulated dust inside the instrument is to blow it off with dry, low-velocity air. Remaining dust can be removed with a small paint brush followed by a soft cloth dampened in a mild detergent and water solution.

Visual Inspection

Visually inspect the instrument during the preventive maintenance routine for such defects as improperly seated transistors and integrated circuits, broken connectors, loose or disconnected pin connectors, and damaged components.

The corrective procedure for most visible defects is obvious. However, if heat-damaged parts are discovered, try to determine the cause of over-heating before the damaged part is replaced; otherwise the damage may be repeated.

Transistor and Integrated Circuit Checks

Periodic checks of the transistors and integrated circuits are not recommended. The best measure of performance is the actual operation of the component in the circuit. Performance of these components is thoroughly checked during the performance check or recalibration, and any substandard transistors or integrated circuits will usually be detected at that time.

Performance Check and Adjustment Procedures

The Performance Check Procedure (Section 6) should be included in the maintenance procedure to check the operation and electrical specifications of the instrument. Failure of any one step in the Performance Check Procedure indicates the need for recalibration or possible repair. The Adjustment Procedure is located in Section 7 of this manual. If the need for repair is evident, refer to the Corrective Maintenance segment in this section and Troubleshooting (Section 8).

Static-Sensitive Components

CAUTION

Static discharge can damage any semiconductor component in this instrument.

This instrument contains electrical components that are susceptible to damage from static discharge. See Table 9-1 for relative susceptibility of various classes of semiconductors. Static voltages of 1 kV to 30 kV are common in unprotected environments.

Observe the following precautions to avoid damage:

1. Minimize handling of static-sensitive components.
2. Transport and store static-sensitive components or assemblies in their original containers, on a metal rail, or on conductive assemblies or components.
3. Discharge the static voltage from your body by wearing a wrist strap while handling these components. Servicing static-sensitive assemblies or components should be performed only at a static-free work station by qualified personnel.
4. Nothing capable of generating or holding a static charge should be allowed on the work station surface.
5. Keep the component leads shorted together whenever possible.
6. Pick up components by the body, never by the leads.
7. Do not slide the components over any surface.
8. Avoid handling components in areas that have a floor or work-surface covering capable of generating a static charge.
9. Use a soldering iron that is connected to earth ground.
10. Use only special antistatic suction-type or wick-type desoldering tools.

Table 9-1

RELATIVE SUSCEPTIBILITY TO STATIC
DISCHARGE DAMAGE

Semiconductor Classes	Relative Susceptibility Levels*
MOS or CMOS microcircuits or discretes, or linear microcircuits with MOS inputs (Most Sensitive)	1
ECL	2
Schottky signal diodes	3
Schottky TTL	4
High-frequency bipolar transistors	5
JFETS	6
Linear microcircuits	7
Low-power Schottky TTL	8
TTL (Least Sensitive)	9

*Voltage equivalent for levels:

1 = 100 to 500 V	4 = 500 V	7 = 400 to 1000 V (est.)
2 = 200 to 500 V	5 = 400 to 600 V	8 = 900 V
3 = 250 V	6 = 600 to 800 V	9 = 1200 V

(Voltage discharged from a 100 pf capacitor through a resistance of 100 ohms.)

CORRECTIVE MAINTENANCE

Corrective maintenance consists of instrument disassembly, replaceable and non-replaceable parts, special calibration procedures not covered in the Adjustment Procedure, and instrument repackaging.

Obtaining Replacement Parts

Replacement parts are available from or through your local Tektronix, Inc., Field Office or representative.

Changes to Tektronix instruments are sometimes made to accommodate improved components as they become available, and to give you the benefit of the latest circuit improvements developed in our engineering department. It is therefore important, when ordering parts, to include the following information in your order: part number, instrument type or number, serial number, and modification number, if applicable.

If a part you have ordered has been replaced with a new or improved part, your local Tektronix Field Office or representative will contact you concerning any change in the part number. After repair, the circuits may need recalibration.

Nonreplaceable Parts

There are several components and circuits in the 690 that are not directly replaceable. We recommend that you contact your local Tektronix Field Office or representative concerning servicing of these parts.

Replacing Circuit Boards

Most of the circuit boards in the 690 are mounted in modular assemblies. Procedures for removing the circuit boards in these modular assemblies are described in a manner that takes for granted the assemblies are already removed from the mainframe (except for the Power Supply A7).

The assemblies are secured to the mainframe by one or two 6-32 UNC screws on the top and bottom of each assembly and by a 4-40 UNC screw on the top mounting rail.

Raster Control A9A1 Removal

1. Remove the Raster Control assembly A9 from the mainframe.
2. Remove the shield from the assembly via five 4-40 UNC screws.
3. Remove the 4-40 UNC screws connecting the Raster Control board to the heatsink.

Vertical Deflection Board A10A1 Removal

1. Unplug the vertical yoke connector from the Vertical Deflection assembly A10 and remove the assembly from the mainframe.
2. Remove the shield from the assembly via four 4-40 UNC screws.
3. Remove the 4-40 UNC and 6-32 UNC screws connecting the Vertical Deflection board and transistors Q130, Q223, Q243, Q727, Q747 and integrated circuits U834 and U842 to the heatsink.

Horizontal Deflection A11A1 and Horizontal Delay Stabilizer Board A11A2 Removal

1. Unplug the horizontal yoke connector from the Horizontal Deflection assembly A11 and remove the assembly from the mainframe.
2. Remove the shield from the assembly via five 4-40 UNC screws.
3. Disconnect the multipin connectors from the Horizontal Delay Stabilizer board.
4. Remove A11A2 via four 4-40 UNC screws.
5. Remove the 4-40 screws securing the horizontal yoke plug to the heatsink.
6. Remove the 4-40 UNC and 6-32 UNC screws connecting the Horizontal Deflection board and transistors Q440, Q442, Q133, Q210, and Q230 to the heatsink.

7. Desolder the connecting wires from Q330 and Q920 from the Horizontal Deflection board.

8. Remove the Horizontal Deflection board via 4-40 UNC screws and 4 stand off posts.

Convergence Output A14A1 Removal

1. Unplug the static convergence connectors from the Convergence Control assembly A14 and remove the assembly from the mainframe.

2. Remove the shield from the assembly via four 4-40 UNC screws.

3. Remove the 4-40 UNC screws connecting the Convergence Output board and transistors Q225, Q245, Q425, Q445, Q525, Q625, Q825, Q845, and integrated circuits U925, U933, and U947 to the heatsink.

Power Supply A7 Removal

The disassembly of chassis mounted components and board replacement instructions for the Power Supply assembly A7 are divided under separate headings. Due to the complex structure of the Power Supply assembly, complete removal of a board or boards may not always be the best approach. Valuable time may be saved by first analyzing the construction of the assembly before starting any disassembly.

To remove any circuit board or chassis mounted component from the Power Supply A7 it must be removed from the mainframe. The following information provides Power Supply removal and preparation for circuit board or component replacement.

1. Remove the top front chassis cover and the CRT neck cover from the mainframe. With a wedge shaped tool lift the CRT anode cap high enough to discharge the CRT to chassis ground with a jumper strap (CONNECT THE JUMPER STRAP TO CHASSIS GROUND FIRST).

2. Disconnect the CRT coaxial anode from T100. Turn the coaxial anode lead cap at T100 ccw until it stops. Pull the coaxial anode lead straight out from T100 and ground the contact to chassis ground and secure it to the chassis. Disconnect all of the other pin connectors and the focus connector from the Power Supply.

3. Remove the Power Supply from the mainframe. Remove the five 6-32 UNC screws securing the Power Supply to the mainframe. Remove the three wing nuts on the CRT neck component side securing the Power Supply to the mainframe. Disconnect the Power Supply from the mainframe.

4. Remove the protective cover. Remove the protective cover on the adjustment side of the module via eight 4-40 UNC screws.

5. Separate the High Voltage and Low Voltage power supplies. Remove the five 4-40 UNC screws at the junction of the two supplies. Lift the High Voltage supply high enough to disconnect the multipin connectors from the Power Supply board A7A1A3. Remove the Power Supply High Voltage A7A2 from the Power Supply Low Voltage A7A1.

Cooling Fan Assembly Removal

Use this procedure to remove and replace the cooling fan assembly.

1. Remove the Power Supply A7 top cover. Remove the two 4-40 UNC and the 6-32 UNC screws securing the top cover to the Power Supply. Lift the top cover and disconnect the pin connectors from the Low Voltage Power Supply board A7A1A3 with long nose pliers.

2. Remove the cooling fan assembly from the top cover.

High Voltage Transformer Removal T100

Use this procedure to remove and replace the High Voltage Transformer T100.

1. Remove the Power Supply A7 from the mainframe. Complete steps 1 through 5 of "Power Supply A7 Removal" in this section.
2. Remove the top cover of the High Voltage supply.
3. Remove T100. Disconnect the multipin connectors and desolder the wire connectors from the High Voltage Regulator board A7A2A1. Remove the five 4-40 UNC screws to the heat sink, chassis, and High Voltage Regulator board mounts holding T100. Remove T100. Make note of the wire harness lead configuration and desolder the wire harness. Remove T100 from its heat sink and chassis mounts via two 4-40 UNC bolts running through T100's core.

NOTE

When replacing T100 to its heat sink and chassis mounts DO NOT tighten the securing bolts more than 5 in/lbs.

4. Reverse this procedure to replace T100.

Focus Board A7A2A2 Removal

Use this procedure to remove and replace the Focus board A7A2A2.

1. Remove the Power Supply A7 from the mainframe. Complete steps 1 through 5 of "Power Supply A7 Removal" in this section.
2. Remove the top cover from the High Voltage supply.
3. Remove the Focus board. Disconnect the multipin connectors and high voltage connectors from the Focus board. Remove the Focus board via three 4-40 UNC screws and lift it from the mainframe.
4. Reverse this procedure for the replacement of the Focus board.

High Volt Switch Transistor Q100 Removal

Use this procedure to remove and replace the High Volt Switch Transistor Q100.

1. Remove the Power Supply A7 from the mainframe. Complete steps 1 through 5 of "Power Supply A7 Removal" in this section.
2. Remove the top cover from the High Voltage supply.
3. Remove the six 4-40 UNC screws from the nut blocks to the High Volt Regulator board A7A2A1, high voltage transformer heatsink mount, and the heat sink mount to Q304 on the High Volt Regulator board. Disconnect the multipin connectors from the High Volt Regulator board and slide it down half way through the bottom of the chassis to have sufficient access to Q100.
4. Remove Q100. Remove the two securing screws and pull Q100 out of its socket.
5. Replace Q100 by reversing this procedure. Remember to apply a coat of silicone grease to the bottom of the transistor and transistor insulator before replacement.

High Volt Regulator Board A7A2A1 Removal

Use this procedure to remove and replace the High Volt Regulator Board A7A2A1.

1. Remove the Power Supply A7 from the mainframe. Complete steps 1 through 5 of "Power Supply A7 Removal" in this section.
2. Remove the top cover to the High Voltage supply.
3. Disconnect the multipin connectors and desolder the wire connectors from the High Volt Regulator board. Remove the six 4-40 UNC screws from the nut blocks on the High Volt Regulator board, high voltage transformer heatsink mount, and the heatsink mount to Q304 on the High Volt Regulator board. Slide the High Volt Regulator board from the chassis.
4. Replace the High Volt Regulator board by reversing this procedure.

Picture Tube (CRT) Replacement

The following procedure provides information for picture tube (CRT) removal and replacement.

WARNING

Use care when handling the CRT. Protective clothing and safety glasses should be worn. Avoid striking it on any object which might cause it to crack or implode. When storing the CRT, place it in a protective carton or set it face down in a protected location on a smooth surface with a soft mat under the face to protect it from scratches.

When working around or directly with the CRT, adequate electrical safety precautions need to be strictly observed. ALWAYS discharge to chassis ground the coaxial high voltage anode lead before removing the CRT or Power Supply assembly. High voltage can exist even if the CRT has not been operating for several days. Discharge the CRT by using a jumper strap or by disconnecting the coaxial high voltage lead at the High Volt power supply connection to T100 and touching the contact end to the chassis.

1. Remove the top front and back outside shields from the chassis. Remove the CRT neck shield.
2. Remove the rack mount handles connected to the front bezel and mainframe chassis.
3. Remove the front panel door cover. Open the drawer and disconnect the multipin and ribbon cable connectors from the Control board A2A1. Remove the Control board via the seven 4-40 UNC screws and pull the Control board through the drawer cover. Turn the BLACK LEVEL and CONTRAST controls fully counter-clock-wise (ccw) and remove the knobs with a 1/16" allen wrench. The door cover may now be removed via six 4-40 UNC screws.

4. Remove the drawer from the slide mounts. With the drawer extended remove two of the ribbon cable brace screws from the bottom of the drawer. Remove the drawer from the slide mounts via four 4-40 UNC screws. Remove the ribbon cable brace via the four remaining 4-40 UNC screws and unplug the ribbon cables from the circuit boards.

5. Remove the front bezel via ten 4-40 UNC screws.

NOTE

Discharge the anode of the CRT to chassis ground before proceeding to the next step.

6. Disconnect the CRT coaxial anode lead. Disconnect the CRT coaxial anode lead from the high voltage transformer T100 by grasping the insulated cap and turning it ccw until it stops. Then pull the anode lead straight out. DO NOT touch the end of the anode, ground the contact end to the chassis, and secure it there.

7. Remove the components from the CRT neck. Note the location and the orientation of the CRT neck component assemblies. Disconnect the CRT socket. Loosen the blue lateral clamp and slide the Blue Lateral board A5A1 off the end of the CRT. Disconnect the pin connectors from the static magnetic convergence assembly and remove it from the neck of the CRT.

NOTE

It is recommended that two people participate in the removal and replacement of the CRT. Although one person is capable of accomplishing this task, the degree of efficiency gained, and the lessened odds of an accident occurring warrants the use of two people.

8. Remove the CRT from the mainframe. The CRT should now be free of all connections and ready to be removed. Remove the two bottom CRT retaining screws with a 3/16" hex driver or allen wrench. Stand in front of the CRT face, brace the top of the CRT with the palm of the hand and remove the two top CRT retaining screws. Carefully remove the CRT through the front of the

mainframe. Lay the CRT face down on a soft pad.

9. Remove the deflection yoke and front retaining clamp. Loosen the back and front retaining clamps of the deflection yoke. Remove the deflection yoke from the CRT. Remove the front retaining clamp by carefully lifting the legs of the clamp from the press sensitive tape which connects the retaining clamp to the CRT. Dispose of the used tape and apply the new press sensitive tape (which was ordered with the new CRT) to the retaining clamp. Do not remove the protective cover from both sides of the press sensitive tape at this time.

10. Replace the deflection yoke on the new CRT. With the anode button of the new CRT facing you, slide the deflection yoke onto the neck of the CRT until it stops at the flange. Line the seam of the deflection yoke with the anode button. Make sure the rear clamp tensioner is on the same side as the anode button and adjust the clamp for a snug fit. Test the front retaining clamp for proper fit and placement before removing the other protective cover of the press sensitive tape. The hole on the front retaining clamp should be lined up with the deflection yoke seam and the anode of the CRT. Remove the front retaining clamp and protective cover of the press sensitive tape and permanently replace the front retaining clamp.

11. Install the new CRT. On the mainframe loosen the three top and bottom CRT slide mounting brackets and slide them toward the back of the mainframe. The location of these brackets is shown in Fig. 9-X. Carefully guide the new CRT into the mainframe. Secure the CRT to the slide mounting brackets to a degree which allows the CRT to move within the tolerances of the CRT mounting braces. Secure the bezel to the front of the mainframe with the top two screws on each side. Slide the CRT forward so the face of the CRT is uniformly spaced 1/8" from the surface of the bezel and secure the top and bottom CRT slide mounts.

Align the CRT so the end lines of the phosphor dots cannot be seen. This is accomplished by sliding the hand through the drawer opening and applying pressure to the bottom of the CRT, moving it within the tolerances of the mounting braces. Once a position has been chosen, tighten the top two mounting brace screws with an "L" shaped 3/16" allen wrench. Remove the bezel and tighten the bottom two mounting brace screws. Replace the bezel with all the securing screws. Loosen the top and bottom CRT slide mounting brackets and move the CRT forward until the face is uniformly flush with the surface of the bezel. The end line of the phosphor dots should not be visible.

12. Remove the anode connector from the old CRT. Apply a coat of Dow Corning "4 Compound" (a silicone dielectric which meets the military specification MIL-S-8660B, AMED.3) to the CRT side of the connector. Replace the anode connector to the new CRT.

13. Except for step 5, reverse the order of steps 1 through 7 of this procedure to complete the CRT replacement.

14. Perform steps 11, 12, 13, 20 through 23, 25, 33, and 34 of the Adjustment Procedure in Section 7.

Deflection Yoke Replacement

The following procedure provides information for the deflection yoke removal and replacement.

1. Remove the top front and back outside shields from the chassis. Remove the CRT neck shield.

2. Remove CRT Socket and CRT Socket board A12. Unplug the focus and filament pin connectors to the CRT socket. Remove the CRT socket board A12 via four 4-40 UNC screws and unplug the CRT socket.

3. Disconnect the CRT coaxial anode lead. Disconnect the CRT coaxial anode lead from the high voltage transformer T100 by grasping the insulated cap and turning it ccw until it stops. Then pull the anode lead straight out. DO NOT touch the end of the anode before grounding it to the chassis. Place the anode lead out of the way.

4. Remove the components from the CRT neck. Note the location and the orientation of the CRT neck component assemblies. Disconnect the CRT socket. Loosen the blue lateral clamp and slide the Blue Lateral board A5A1 off the end of the CRT. Disconnect the pin connectors from the static magnetic convergence assembly and remove it from the CRT.

5. Remove the Deflection Yoke. Disconnect the pin connectors from the deflection yoke. Loosen the front and back deflection yoke retaining clamps. Remove the deflection yoke from the CRT.

6. Install Replacement Yoke. Install the new deflection yoke by reversing the order of the removal procedure. Perform

the Horizontal Deflection A11A1 precalibration at the end of this section along with steps 11, 12, 13, 20 through 23, 25, 33, and 34 of the Adjustment Procedure in Section 7. Also refer to the "Over Volt Calibration" in this section.

Horizontal Deflection (A11A1) Precalibration

Precalibration of the Horizontal Deflection board A11A1 is required if either the Horizontal Output transistor Q330 or the deflection yoke is replaced. The precalibration procedure provides steps for checking proper circuit operation and a calibration procedure for setting a -3.4 A yoke current limit at a horizontal sweep rate of 15.75 KHz and 13 KHz.

1. After the defective component(s) have been replaced, prepare the horizontal deflection assembly for precalibration.
 - a. Move all 'S' Capacitor Select jumpers on the Horizontal Delay Stabilizer board A11A2 to the set of pins closest to the edge of the circuit board (J105 pins 3 & 4; J205 & J405 pins 5 through 8; J505 pins 7 through 12).
 - b. Remove the 4-40 UNC screws securing the Horizontal Delay Stabilizer board to the stand-off posts. Remove the two lower stand-off posts and mount them to the back of the heatsink in a diagonal arrangement. Position the Horizontal Delay Stabilizer board to the back of the heatsink and secure it to the stand-off posts.
 - c. Reconnect the Horizontal Deflection assembly to the mainframe using the rigid module extender card. Use one of the screws to hold the assembly.
 - d. Turn the Horizontal Size control (R925 in the drawer) on the Convergence Generator Control board A8A1 3/4 of its range counter-clockwise (ccw).

e. On the Horizontal Deflection board, set the following adjustments and jumpers as follows:

R620	Horizontal Size Cal	20 turns ccw
R723	Low Horizontal Rate	Fully ccw
R724	High Horizontal Rate	Fully ccw
P720	Horizontal B+ Select	1 & 2 connected
P840	Flyback Protect Test	2 & 3 connected

CAUTION

If R723 and R724 are not turned fully ccw before the POWER switch is set to ON, conditions may arise which will damage the Horizontal Deflection transistor Q330.

f. Connect the equipment as shown in Fig. 9-x and set the POWER switch to ON (check that the yoke is disconnected from the Horizontal Deflection board).

2. Check waveforms and adjustments on the Horizontal Deflection board for proper circuit operation.

a. Check +5 V supply at junction of R746 and R747 for +4.75 V to +5.25 V.

b. Observe waveform at TP332. The waveform should be similar to the one shown in Fig. 9-x. Set the POWER switch to OFF, remove the decoder interface module and reset the POWER switch to ON. Again observe the waveform at TP332. The wave form should be stable. Set the POWER switch to OFF, reinsert the decoder interface module and reset the POWER switch to ON.

c. Observe the waveform at TP740. Pulse duration at its high state should be 18.2 microseconds +/- 5 microseconds as shown in Fig. 9-x.

d. Monitor TP134 for a 8 - 20 V peak-to-peak ramp while adjusting R144 and the Horizontal Size control (R925 in drawer) through their range of operation (see Fig. 9-x).

e. Set the POWER switch to OFF. Connect the yoke to the Horizontal Deflection board. Connect the equipment as shown in Fig. 9-x and set the POWER switch to ON.

f. With test probe from the 7A18, monitor TP510. Connect the current probe to the horizontal deflection yoke lead so the polarity of the waveform matches the waveform at TP510. The waveform at TP510 is a voltage representation of yoke current (2 V vertical deflection equals 1 A of yoke current). Verify the accuracy of the volts-to-current conversion by comparing against the waveform from the current probe to within +/- 5%. See Fig. 9-x.

CAUTION

The following steps involve turning the horizontal deflection yoke close to its maximum operating current. Care must be taken to insure the yoke current does not exceed -3.4 A peak.

g. Monitor TP740 with the 7A18 test probe. At the same time monitor the horizontal deflection yoke current. Verify that the flyback protect circuit is operating by turning the Horizontal Size Calibrate adjustment (R620) clockwise until both waveforms become unstable, then back off (see Fig. 9-x). If the flyback protect circuit does not operate, do not let the yoke current exceed -3.4 A peak.

3. Adjust Low and High Horizontal Rate (R723, R724) for -3.4 A peak limit at 15.75 KHz (decoder plugged into mainframe) and 13 KHz (decoder unplugged from mainframe).

a. Set the POWER switch to OFF and unplug decoder interface module. Reset the POWER switch to ON. Turn the Horizontal Size Control (R925 in drawer) fully ccw.

b. Turn R723 fully clockwise.

c. While monitoring yoke current, turn the Horizontal Size Calibrate (R620) and the Horizontal Size control (R925 in drawer) for -3.4 A peak yoke current (circuit may limit before - 3.4 A peak is reached. If so, go on to next step.) Adjust R723 ccw until protect circuit threshold is reached, then back off slightly. The threshold of the protect circuit is reached when current ramp waveform becomes unstable.

d. With the yoke current close to -3.4 A peak, measure the voltage across R821 for approximately 2 V ac. See Fig. 9-x.

e. Turn the Horizontal Size control (R925 in drawer) fully ccw. Set the POWER switch to OFF. Plug the decoder interface module back into the mainframe and reset the POWER switch to ON.

f. Turn R724 3/4 of its range clockwise.

g. While monitoring yoke current, turn the Horizontal Size control for -3.4 A peak yoke current. Adjust R724 ccw until the protect circuit threshold is reached; then, back off slightly.

h. Repeat parts a through g of this step excluding parts b and f as necessary to provide a -3.4 A peak limit at 15.75 KHz and 13 KHz.

i. Let circuit run at -3.4 A peak for 5 minutes to insure proper operation.

j. Turn the Horizontal Size control fully clockwise (protect circuit should operate) and turn the Horizontal Size Calibrate (R620) adjustment ccw until yoke current waveform becomes stable (protect circuit will stop limiting).

k. Move the Flyback Protect Test jumper (P840) to its 1 and 2 jumpered position. The yoke current waveform should become unstable. Verify this waveform does not exceed -3.4 A peak.

l. Return the 'S' Capacitor Select jumpers to their original position.

m. Perform step 20 of the Adjustment Procedure in Section 7 to complete the calibration of the Horizontal Deflection board.

Over Volt Calibration

Recalibration of the Overvoltage adjustment (R434) is required if R332, R433, R434, VR434 or, T100 on the High Volt Regulator board A7A2A1 are replaced.

1. After the defective component (s) have been replaced, prepare the High Volt Regulator board for calibration of the Overvoltage protect circuit.

a. With the POWER switch set to OFF, desolder and remove R434 (Overvoltage) and replace it with a new, unsealed part. Turn R434 fully clockwise.

b. With an insulated test clip jumper connect TP539 to the arm of R550 (test loop at J550). c. Turn R550 fully ccw.

c. Turn R550 fully ccw.

d. Set screen switches in the drawer (S602, S606 and, S612 on the Convergence Control board A8A1) to off.

e. Connect a voltmeter with a high input impedance (10 megohm or higher) across pins 1 and 2 of P450 (two bottom pins). Set the voltmeter to measure 9.0 V dc.

f. Set the POWER switch to ON. Adjust T550 SLOWLY clockwise for a 9.0 V (+/- 0.2 V) reading on the voltmeter.

g. Adjust R434 until the Overvoltage protect circuit shuts down the high voltage. Activation of the Overvoltage protect circuit may be observed by; variable high pitch audible bursts, a flashing CRT screen, or by monitoring the cathode of CR305 with an oscilloscope for an erratic B+ Supply Reference signal (200 V squarewave). Repeat this adjustment until the threshold of activating the Overvoltage protect circuit is reached.

h. Turn the POWER switch to OFF. Seal R434 with a small amount of 3145 RTV to prevent further adjustment.

i. Remove the test clip jumper from J550 and TP539. Set the three screen switches in the drawer to ON.

j. Refer to the Adjustment Procedure (Section 7) steps 5 and 6 to complete the calibration of the High Volt Regulator board.

SECTION 10

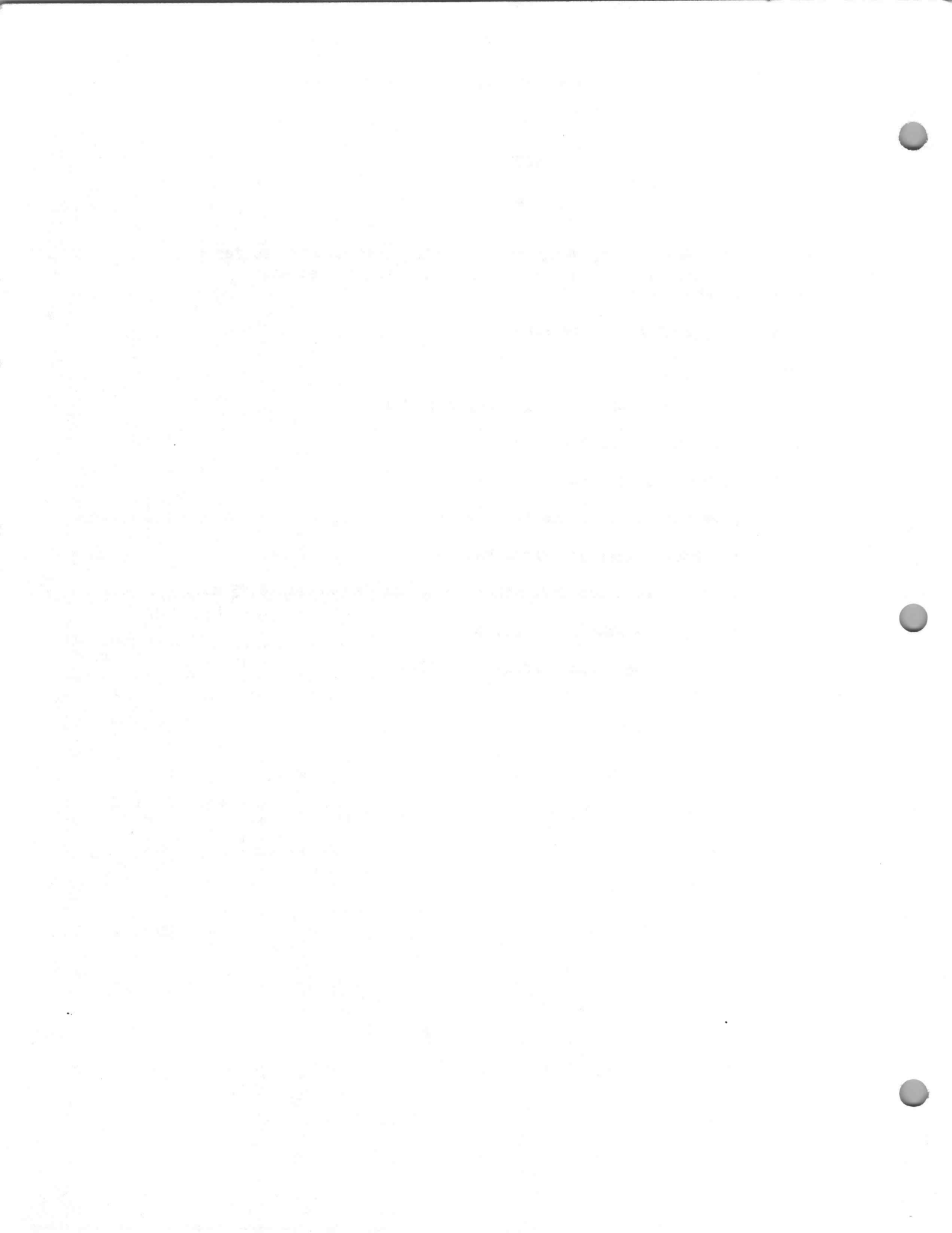
OPTIONS

This section provides for documenting catalog options offered for the 6942 Color Display. Custom modifications are negotiated and documented separately.

The following options are available:

Option

- A1 Power Cord, Universal Europe, 220V/16A
- A2 Power Cord, UK, 240V/15A
- A3 Power Cord, Australia, 240V/10A
- A4 Power Cord, North America, 240V/15A
- 21 Add rack slides and front handles.
- 25 Medium Resolution CRT. (Dot triad spacing equals 0.43 mm.)
- 26 Long persistence crt phosphors.
- 42 69M41 RGB/Comp Sync module installed.



REPLACEABLE ELECTRICAL PARTS PARTS ORDERING INFORMATION

Replacement parts are available from or through your local Tektronix, Inc. Field Office or representative.

Changes to Tektronix instruments are sometimes made to accommodate improved components as they become available, and to give you the benefit of the latest circuit improvements developed in our engineering department. It is therefore important, when ordering parts, to include the following information in your order: Part number, instrument type or number, serial number, and modification number if applicable.

If a part you have ordered has been replaced with a new or improved part, your local Tektronix, Inc. Field Office or representative will contact you concerning any change in part number.

Change information, if any, is located at the rear of this manual.

Only the circuit number will appear on the diagrams and circuit board illustrations. Each diagram and circuit board illustration is clearly marked with the assembly number. Assembly numbers are also marked on the mechanical exploded views located in the Mechanical Parts List. The component number is obtained by adding the assembly number prefix to the circuit number.

The Electrical Parts List is divided and arranged by assemblies in numerical sequence (e.g., assembly A1 with its subassemblies and parts, precedes assembly A2 with its subassemblies and parts).

Chassis-mounted parts have no assembly number prefix and are located at the end of the Electrical Parts List.

LIST OF ASSEMBLIES

A list of assemblies can be found at the beginning of the Electrical Parts List. The assemblies are listed in numerical order. When the complete component number of a part is known, this list will identify the assembly in which the part is located.

CROSS INDEX-MFR. CODE NUMBER TO MANUFACTURER

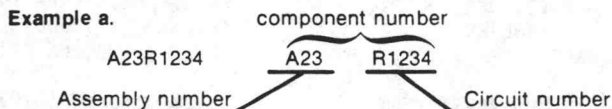
The Mfr. Code Number to Manufacturer index for the Electrical Parts List is located immediately after this page. The Cross Index provides codes, names and addresses of manufacturers of components listed in the Electrical Parts List.

ABBREVIATIONS

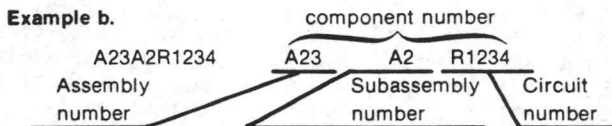
Abbreviations conform to American National Standard Y1.1.

COMPONENT NUMBER (column one of the Electrical Parts List)

A numbering method has been used to identify assemblies, subassemblies and parts. Examples of this numbering method and typical expansions are illustrated by the following:



Read: Resistor 1234 of Assembly 23



Read: Resistor 1234 of Subassembly 2 of Assembly 23

TEKTRONIX PART NO. (column two of the Electrical Parts List)

Indicates part number to be used when ordering replacement part from Tektronix.

SERIAL/MODEL NO. (columns three and four of the Electrical Parts List)

Column three (3) indicates the serial number at which the part was first used. Column four (4) indicates the serial number at which the part was removed. No serial number entered indicates part is good for all serial numbers.

NAME & DESCRIPTION (column five of the Electrical Parts List)

In the Parts List, an Item Name is separated from the description by a colon (:). Because of space limitations, an Item Name may sometimes appear as incomplete. For further Item Name identification, the U.S. Federal Cataloging Handbook H6-1 can be utilized where possible.

MFR. CODE (column six of the Electrical Parts List)

Indicates the code number of the actual manufacturer of the part. (Code to name and address cross reference can be found immediately after this page.)

MFR. PART NUMBER (column seven of the Electrical Parts List)

Indicates actual manufacturers part number.

CROSS INDEX—MFR. CODE NUMBER TO MANUFACTURER

Mfr. Code	Manufacturer	Address	City, State, Zip
000FG	RIFA	P O BOX 35263	MINNEAPOLIS, MN 55435
000FJ	MARCOM SWITCHES INC.	67 ALBANY STREET	CAZENOVIA, N.Y. 13035
000IG	FUJITSU-AMERICA INC.	1208 E. ARQUES AVE.	SUNNYVALE, CA 94086
00779	AMP, INC.	P O BOX 3608	HARRISBURG, PA 17105
00853	SANGAMO ELECTRIC CO., S. CAROLINA DIV.	P O BOX 128	PICKENS, SC 29671
01121	ALLEN-BRADLEY COMPANY	1201 2ND STREET SOUTH	MILWAUKEE, WI 53204
01295	TEXAS INSTRUMENTS, INC., SEMICONDUCTOR GROUP	P O BOX 5012, 13500 N CENTRAL EXPRESSWAY	DALLAS, TX 75222
02111	SPECTROL ELECTRONICS CORPORATION	17070 EAST GALE AVENUE	CITY OF INDUSTRY, CA 91745
02735	RCA CORPORATION, SOLID STATE DIVISION	ROUTE 202	SOMERVILLE, NY 08876
03508	GENERAL ELECTRIC COMPANY, SEMI-CONDUCTOR PRODUCTS DEPARTMENT	ELECTRONICS PARK	SYRACUSE, NY 13201
04222	AVX CERAMICS, DIVISION OF AVX CORP.	P O BOX 867, 19TH AVE. SOUTH	MYRTLE BEACH, SC 29577
04426	ILLINOIS TOOL WORKS, INC., LICON DIV.	6615 W IRVING PARK ROAD	CHICAGO, IL 60634
04713	MOTOROLA, INC., SEMICONDUCTOR PROD. DIV.	5005 E MCDOWELL RD, PO BOX 20923	PHOENIX, AZ 85036
05347	ULTRONIX, INC.	461 N 22ND STREET	GRAND JUNCTION, CO 81501
05574	VIKING INDUSTRIES, INC.	21001 NORDHOFF STREET	CHATSWORTH, CA 91311
07263	FAIRCHILD SEMICONDUCTOR, A DIV. OF FAIRCHILD CAMERA AND INSTRUMENT CORP.	464 ELLIS STREET	MOUNTAIN VIEW, CA 94042
08806	GENERAL ELECTRIC CO., MINIATURE LAMP PRODUCTS DEPARTMENT	NELA PARK	CLEVELAND, OH 44112
09023	CORNELL-DUBILIER ELECTRONIC DIVISION FEDERAL PACIFIC ELECTRIC CO.	2652 DALRYMPLE ST.	SANFORD, NC 27330
11502	TRW ELECTRONIC COMPONENTS, IRC FIXED RESISTORS, BOONE DIVISION	GREENWAY RD.	BOONE, NC 28607
12697	CLAROSTAT MFG. CO., INC.	LOWER WASHINGTON STREET	DOVER, NH 03820
12969	UNITRODE CORPORATION	580 PLEASANT STREET	WATERTOWN, MA 02172
14433	ITT SEMICONDUCTORS	3301 ELECTRONICS WAY P O BOX 3049	WEST PALM BEACH, FL 33402
14552	MICRO SEMICONDUCTOR CORP.	2830 F FAIRVIEW ST.	SANTA ANA, CA 92704
14752	ELECTRO CUBE INC.	1710 S. DEL MAR AVE.	SAN GABRIEL, CA 91776
15454	RODAN INDUSTRIES, INC.	2905 BLUE STAR ST.	ANAHEIM, CA 92806
17856	SILICONIX, INC.	2201 LAURELWOOD DRIVE	SANTA CLARA, CA 95054
19396	ILLINOIS TOOL WORKS, INC. PAKTRON DIV.	900 FOLLIN LANE, SE	VIENNA, VA 22180
22526	BERG ELECTRONICS, INC.	YOUK EXPRESSWAY	NEW CUMBERLAND, PA 17070
24546	CORNING GLASS WORKS, ELECTRONIC COMPONENTS DIVISION	550 HIGH STREET	BRADFORD, PA 16701
25403	AMPEREX ELECTRONIC CORP., SEMICONDUCTOR AND MICROCIRCUITS DIV.	PROVIDENCE PIKE	SLATERSVILLE, RI 02876
27014	NATIONAL SEMICONDUCTOR CORP.	2900 SEMICONDUCTOR DR.	SANTA CLARA, CA 95051
28480	HEWLETT-PACKARD CO., CORPORATE HQ.	1501 PAGE MILL RD.	PALO ALTO, CA 94304
32997	BOURNS, INC., TRIMPOT PRODUCTS DIV.	1200 COLUMBIA AVE.	RIVERSIDE, CA 92507
34335	ADVANCED MICRO DEVICES	901 THOMPSON PL.	SUNNYVALE, CA 94086
34371	HARRIS SEMICONDUCTOR, DIV. OF HARRIS CORPORATION	P. O. BOX 883	MELBOURNE, FL 32901
50522	MONSANTO CO., ELECTRONIC SPECIAL PRODUCTS	3400 HILLVIEW AVENUE	PALO ALTO, CA 94304
50558	ELECTRONIC CONCEPTS, INC.	526 INDUSTRIAL WAY WEST	EATONTOWN, NJ 07724
51406	MURATA CORPORATION OF AMERICA	2 WESTCHESTER PLAZA	ELMSFORD, NY 10523
51642	CENTRE ENGINEERING INC.	2820 E COLLEGE AVENUE	STATE COLLEGE, PA 16801
54473	MATSUSHITA ELECTRIC, CORP. OF AMERICA	1 PANASONIC WAY	SECAUCUS, NJ 07094
55210	GETTIG ENG. AND MFG. COMPANY	PO BOX 85, OFF ROUTE 45	SPRING MILLS, PA 16875
55680	NICHICON/AMERICA/CORP.	6435 N PROESEL AVENUE	CHICAGO, IL 60645
56289	SPRAGUE ELECTRIC CO.	87 MARSHALL ST.	NORTH ADAMS, MA 01247
71400	BUSSMAN MFG., DIVISION OF MCGRAW-EDISON CO.	2536 W. UNIVERSITY ST.	ST. LOUIS, MO 63107
72982	ERIE TECHNOLOGICAL PRODUCTS, INC.	644 W. 12TH ST.	ERIE, PA 16512
73138	BECKMAN INSTRUMENTS, INC., HELIPOT DIV.	2500 HARBOR BLVD.	FULLERTON, CA 92634
74276	SIGNALITE DIV., GENERAL INSTRUMENT CORP.	1933 HECK AVE.	NEPTUNE, NJ 07753
75042	TRW ELECTRONIC COMPONENTS, IRC FIXED RESISTORS, PHILADELPHIA DIVISION	401 N. BROAD ST.	PHILADELPHIA, PA 19108
80009	TEKTRONIX, INC.	P O BOX 500	BEAVERTON, OR 97077
82389	SWITCHCRAFT, INC.	5555 N. ELSTON AVE.	CHICAGO, IL 60630
84171	ARCO ELECTRONICS	COMMUNITY DRIVE	GREAT NECK, NY 11022
84411	TRW ELECTRONIC COMPONENTS, TRW CAPACITORS	112 W. FIRST ST.	OGALLALA, NE 69153

CROSS INDEX—MFR. CODE NUMBER TO MANUFACTURER

Mfr. Code	Manufacturer	Address	City, State, Zip
90201	MALLORY CAPACITOR CO., DIV. OF P. R. MALLORY AND CO., INC.	3029 E. WASHINGTON STREET P. O. BOX 372	INDIANAPOLIS, IN 46206
91418	RADIO MATERIALS COMPANY, DIV. OF P.R. MALLORY AND COMPANY, INC.	4242 W BRYN MAWR P. O. BOX 609	CHICAGO, IL 60646
91637	DALE ELECTRONICS, INC.	P. O. BOX 1348	COLUMBUS, NE 68601
95146	ALCO ELECTRONICS PRODUCTS, INC.	P. O. BOX 1348	LAWRENCE, MA 01842
98291	SEAELECTRO CORP.	225 HOYT	MAMARONECK, NY 10544

Preliminary Information

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A1	670-6367-00		CKT BOARD ASSY: CENTER INTERCONNECT	80009	670-6367-00
A2	670-6366-00		CKT BOARD ASSY: RIGHT INTERCONNECT	80009	670-6366-00
A3	670-6365-00		CKT BOARD ASSY: LEFT INTERCONNECT	80009	670-6365-00
A4	108-1044-00		COIL, TUBE DEFL: FXD, YOKE	80009	108-1044-00
A5	119-1431-00		COIL, ASSY: BLUE LATERAL & CONVERGENCE	80009	119-1431-00
A5A1	-----		REPLACEABLE AS A UNIT WITH A5		
A6	119-1368-00		MAGNET, CVRSN: BLUE LATERAL/PURITY	80009	119-1368-00
A7	119-1442-00		POWER SUPPLY ASSY: LV & HV	80009	119-1442-00
A7A1	672-0873-00		CKT BOARD ASSY: LV SUPPLY	80009	672-0873-00
A7A1A1	670-6358-00		CKT BOARD ASSY: PS INPUT	80009	670-6358-00
A7A1A2	670-6356-00		CKT BOARD ASSY: PS INVERTER	80009	670-6356-00
A7A1A3	670-6357-00		CKT BOARD ASSY: PS OUTPUT	80009	670-6357-00
A7A2	672-0874-00		CKT BOARD ASSY: HIGH VOLTAGE	80009	672-0874-00
A7A2A1	670-6354-00		CKT BOARD ASSY: HIGH VOLTAGE	80009	670-6354-00
A7A2A2	119-1409-00		HV FOCUS ASSY:	80009	119-1409-00
A8	672-0973-00		CKT BOARD ASSY: CONTROL DRAWER MODULE	80009	672-0973-00
A8A1	670-6362-00		CKT BOARD ASSY: CONVERGENCE CONTROL	80009	670-6362-00
A8A2	670-6363-00		CKT BOARD KIT: CONVERGENCE GENERATOR	80009	670-6363-00
A9	672-0869-00		CKT BOARD ASSY: RASTER CONTROL	80009	672-0869-00
A9A1	670-6353-00		CKT BOARD ASSY: RASTER CONTROL	80009	670-6353-00
A10	672-0870-00		CKT BOARD ASSY: VERTICAL DEFLECTION	80009	672-0870-00
A10A1	670-6351-00		CKT BOARD ASSY: VERTICAL DEFLECTION	80009	670-6351-00
A11	672-0871-00		CKT BOARD ASSY: HORIZONTAL DEFLECTION	80009	672-0871-00
A11A1	670-6350-00		CKT BOARD ASSY: HORIZONTAL DEFLECTION	80009	670-6350-00
A11A2	670-6352-00		CKT BOARD ASSY: H DELAY STABILIZER	80009	670-6352-00
A12	670-6360-00		CKT BOARD ASSY: CRT SOCKET	80009	670-6360-00
A13	672-0875-00		CKT BOARD ASSY: VIDEO AMPL	80009	672-0875-00
A13A1	670-6355-00		CKT BOARD ASSY: VIDEO AMPL	80009	670-6355-00
A14	672-0872-00		CKT BOARD ASSY: CONVERGENCE AMPL	80009	672-0872-00
A14A1	672-6361-00		CKT BOARD ASSY: CONVERGENCE AMPL	80009	672-6361-00
A1	-----		CKT BOARD ASSY: CENTER INTERCONNECT	98291	51-053-0000
A1J231	131-0265-00		CONNECTOR, RCPT, : RIGHT ANGLE MOUNT	05574	2VH18/1AMD5
A1J300	131-2474-00		CONN, RCPT, ELEC: CKT BOARD, 18/36 CONN, FEMALE	98291	51-053-0000
A1J431	131-0265-00		CONNECTOR, RCPT, : RIGHT ANGLE MOUNT	98291	51-053-0000
A1J631	131-0265-00		CONNECTOR, RCPT, : RIGHT ANGLE MOUNT	98291	51-053-0000
A2	-----		CKT BOARD ASSY: RIGHT INTERCONNECT	00779	2-530657-5
A2J800	131-2535-00		CONN, RCPT, ELEC: CKT BOARD, 18/36 CONT	00779	2-530657-5
A2J805	131-2535-00		CONN, RCPT, ELEC: CKT BOARD, 18/36 CONT	00779	2-530657-5
A2J810	131-2535-00		XONN, RCPT, ELEC: CKT BOARD, 18/36 CONT	00779	2-530657-5
A2P100	131-2535-00		CONN, RCPT, ELEC: CKT BOARD, 18/36 CONT	00779	2-530657-5
A3	-----		CKT BOARD ASSY: LEFT INTERCONNECT		
A3J435	131-2535-00		CONN, RCPT, ELEC: CKT BOARD, 18/36 CONT		
A3J750	131-2535-00		CONN, RCPT, ELEC: CKT BOARD, 18/36 CONT		
A3P900	131-2535-00		CONN, RCPT, ELEC: CKT BOARD, 18/36 CONT		

Preliminary Information

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A7A1	-----		CKT BOARD ASSY:LV SUPPLY		
A7A1C329	290-0628-00		CAP.,FXD,ELCTLT:950UF,+50-10%,200V	56289	36D7560
A7A1C390	285-1089-00		CAP.,FXD,PLSTC:0.04UF,5%,900V	50558	PA6-0787
A7A1C439	290-0628-00		CAP.,FXD,ELCTLT:950UF,+50-10%,200V	56289	36D7560
A7A1CR125	152-0721-00		SEMICONV DEVICE:RECT,SI,100V,12A,FAST REC	25403	BYW30-100U
A7A1CR126	152-0721-00		SEMICONV DEVICE:RECT,SI,100V,12A,FAST REC	25403	BYW30-100U
A7A1FL101	119-1306-00		FILTER,RFI:6A,250V,50-400HZ	56289	6JX5431A
A7A1L390	108-1071-00		COIL,RF:FIXED,880UH	80009	108-1071-00
A7A1Q205	151-0679-00		TRANSISTOR:SILICON,NPN	04713	SJE362
A7A1Q305	151-0679-00		TRANSISTOR:SILICON,NPN	04713	SJE362
A7A1S100	260-1961-00		SWITCH,ROCKER:DPST,6(4)A,250V	000FJ	OBD
A7A1S101	260-0976-00		SWITCH,PUSH:SPDT,MOMENTARY	04426	76-2575
A7A1T315	120-1359-00		XFMRPWR SDN & SU:CONVERTER,HF	80009	120-1359-00
A7A1A1	-----		CKT BOARD ASSY:PC INPUT		
A7A1A1C126	260-0818-01		CAP.,FXD,ELCTLT:390UF,+100-10%,40V	56289	672D397H040DS5C
A7A1A1C127	260-0818-01		CAP.,FXD,ELCTLT:390UF,+100-10%,40V	56289	672D397H040DS5C
A7A1A1C227	260-0818-01		CAP.,FXD,ELCTLT:390UF,+100-10%,40V	56289	672D397H040DS5C
A7A1A1C322	283-0189-00		CAP.,FXD,CER DI:0.1UF,20%,400V	72982	8151N401X5R0104M
A7A1A1C423	285-1196-00		CAP.,FXD,PAPER:0.01UF,20%,250V	000FG	PME265MB510
A7A1A1CR115	152-0655-00		SEMICONV DEVICE:SILICON,100V,3A	03508	A115AX39
A7A1A1CR116	152-0655-00		SEMICONV DEVICE:SILICON,100V,3A	03508	A115AX39
A7A1A1CR123	152-0661-00		SEMICONV DEVICE:RECT,SI,600V,3A,FAST	04713	MR856
A7A1A1CR213	152-0400-00		SEMICONV DEVICE:SILICON,400V,1A	80009	152-0400-00
A7A1A1CR214	152-0400-00		SEMICONV DEVICE:SILICON,400V,1A	80009	152-0400-00
A7A1A1CR214	152-0400-00		SEMICONV DEVICE:SILICON,400V,1A	80009	152-0400-00
A7A1A1CR215	152-0400-00		SEMICONV DEVICE:SILICON,400V,1A	80009	152-0400-00
A7A1A1CR216	152-0400-00		SEMICONV DEVICE:SILICON,400V,1A	80009	152-0400-00
A7A1A1CR223	152-0661-00		SEMICONV DEVICE:RECT,SI,600V,3A,FAST	04713	MR856
A7A1A1CR239	152-0661-00		SEMICONV DEVICE:RECT,SI,600V,3A,FAST	04713	MR856
A7A1A1CR338	152-0661-00		SEMICONV DEVICE:RECT,SI,600V,3A,FAST	04713	MR856
A7A1A1CR339	152-0661-00		SEMICONV DEVICE:RECT,SI,600V,3A,FAST	04713	MR856
A7A1A1CR435	152-0661-00		SEMICONV DEVICE:RECT,SI,600V,3A,FAST	04713	MR856
A7A1A1DS312	150-0030-00		LAMP,GLOW:NEON,T-2,60 TO 90 VOLTS	08806	A2B-T
A7A1A1E338	119-0181-00		ARSR,ELEC SURGE:230V,GAS FILLED	80009	119-0181-00
A7A1A1E422	119-0284-00		ARSR,ELEC SURGE:1.5KV,+/-500VD	91418	SCQR75Y152-1R0
A7A1A1E435	119-0181-00		ARSR,ELEC SURGE:230V,GAS FILLED	80009	119-0181-00
A7A1A1J139	131-2589-00		CONN,RCPT,ELEC:HEADER PIN,1 X 3,0.25	00779	1-350947-0
A7A1A1J437	131-0589-00		TERM,PIN:0.46 L X 0.025 SQ.PH BRZ GL	22526	47350
A7A1A1L132	108-0337-00		COIL,RF:25UH	80009	108-0337-00
A7A1A1L133	108-0556-00		COIL,RF:12UH	80009	108-0556-00
A7A1A1R105	308-0441-00		RES.,FXD,WW:3 OHM,5%,3W	91637	CW2B-3R00J
A7A1A1R215	315-0471-00		RES.,FXD,CMPSN:470 OHM,5%,0.25W	01121	CB4715
A7A1A1R319	315-0226-00		RES.,FXD,CMPSN:22M OHM,5%,0.25W	01121	CB2265
A7A1A1R328	301-0304-00		RES.,FXD,CMPSN:300K OHM,5%,0.50W	01121	EB3045
A7A1A1R335	305-0204-00		RES.,FXD,CMPSN:200K OHM,5%,2W	01121	HB2045
A7A1A1R338	301-0154-00		RES.,FXD,CMPSN:150K OHM,5%,0.50W	01121	EB1545
A7A1A1R412	307-0768-00		RES,THERMAL:10 OHM,30%	51406	PTH 623-06BG1001
A7A1A1R415	307-0768-00		RES,THERMAL:10 OHM,30%	51406	PTH 623-06BG1001
A7A1A1R435	301-0154-00		RES.,FXD,CMPSN:150K OHM,5%,0.50W	01121	EB1545
A7A1A1RC418	119-1168-00		CAPACITOR-RES:0.1UF,20%,22 OHM,10%,250V	19396	104M060C22
A7A1A1RT239	307-0746-00		RES,THERMAL:5 OHM,10%,7A/DEG C	15454	50-6
A7A1A1RT436	307-0746-00		RES,THERMAL:5 OHM,10%,7A/DEG C	15454	50-6
A7A1A1T215	120-1421-00		TRANSFORMER,RF:TOROID	80009	120-1421-00

Preliminary Information

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscnt	Name & Description	Mfr Code	Mfr Part Number
A7A1A2	-----		CKT BOARD ASSY:PS INVERTER	72982	831-559E502P
A7A1A2C108	283-0001-00		CAP.,FXD,CER DI:0.005UF,+100-0%,500V	000FG	PME265MB510
A7A1A2C143	285-1196-00		CAP.,FXD,PAPER:0.01UF,20%,250V	56289	672D107H025CG2C
A7A1A2C208	290-0942-00		CAP.,FXD,ELCTLT:100UF,+100-10%,25V	56289	672D107H025CG2C
A7A1A2C209	290-0942-00		CAP.,FXD,ELCTLT:100UF,+100-10%,25V	84411	X363UW50594
A7A1A2C215	285-1164-00		CAP.,FXD,PLSTC:5UF,10%,400V		
A7A1A2C248	285-1196-00		CAP.,FXD,PAPER:0.01UF,20%,250V	000FG	PME265MB510
A7A1A2C304	281-0773-00		CAP.,FXD,CER DI:0.01UF,10%,100V	04222	GC70-1C103K
A7A1A2C306	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104M
A7A1A2C343	281-0765-00		CAP.,FXD,CER DI:100PF,5%,100V	51642	G1710100X5P101J
A7A1A2C345	281-0765-00		CAP.,FXD,CER DI:100PF,5%,100V	51642	G1710100X5P101J
A7A1A2C346	281-0773-00		CAP.,FXD,CER DI:0.01UF,10%,100V	04222	GC70-1C103K
A7A1A2C349	285-1196-00		CAP.,FXD,PAPER:0.01UF,20%,250V	000FG	PME265MB510
A7A1A2C359	290-0745-00		CAP.,FXD,ELCTLT:22UF,+50-10%,25V	56289	502D225
A7A1A2C364	281-0773-00		CAP.,FXD,CER DI:0.01UF,10%,100V	04222	GC70-1C103K
A7A1A2C408	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104M
A7A1A2C410	281-0791-00		CAP.,FXD,CER DI:270PF,10%,100V	72982	8035D2AADX5R271K
A7A1A2C411	281-0791-00		CAP.,FXD,CER DI:270PF,10%,100V	72982	8035D2AADX5R271K
A7A1A2C412	283-0594-00		CAP.,FXD,MICA D:0.001UF,1%,100V	00853	D151F102F0
A7A1A2C413	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104M
A7A1A2C414	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104M
A7A1A2C415	290-0782-00		CAP.,FXD,ELCTLT:4.7UF,+75-10%,35V	56289	503D475G035AS
A7A1A2C416	290-0778-00		CAP.,FXD,ELCTLT:1UF,+50-10%,50V	54473	ECE-A50N1
A7A1A2C417	281-0812-00		CAP.,FXD,CER DI:1000PF,10%,100V	72982	8035D9AADX7R102K
A7A1A2C434	290-0778-00		CAP.,FXD,ELCTLT:1UF,+50-10%,50V	54473	ECE-A50N1
A7A1A2C442	283-0328-00		CAP.,FXD,CER DI:0.03UF,+80-20%,200V	72982	8131N225Z5U0303Z
A7A1A2C444	281-0812-00		CAP.,FXD,CER DI:1000PF,10%,100V	72982	8035D9AADX7R102K
A7A1A2C445	290-0778-00		CAP.,FXD,ELCTLT:1UF,+50-10%,50V	54473	ECE-A50N1
A7A1A2C447	290-0782-00		CAP.,FXD,ELCTLT:4.7UF,+75-10%,35V	56289	503D475G035AS
A7A1A2C449	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104M
A7A1A2C451	290-0778-00		CAP.,FXD,ELCTLT:1UF,+50-10%,50V	54473	ECE-A50N1
A7A1A2C455	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104M
A7A1A2C459	281-0773-00		CAP.,FXD,CER DI:0.01UF,10%,100V	04222	GC70-1C103K
A7A1A2CR106	152-0400-00		SEMICONV DEVICE:SILICON,400V,1A	80009	152-0400-00
A7A1A2CR109	152-0661-00		SEMICONV DEVICE:RECT,SI,600V,3A,FAST	04713	MR856
A7A1A2CR205	152-0661-00		SEMICONV DEVICE:RECT,SI,600V,3A,FAST	04713	MR856
A7A1A2CR209	152-0198-00		SEMICONV DEVICE:SILICON,200V,3A	03508	1N5624
A7A1A2CR308	152-0198-00		SEMICONV DEVICE:SILICON,200V,3A	03508	1N5624
A7A1A2CR315	152-0242-00		SEMICONV DEVICE:SILICON,225V,200MA	07263	FDH5004
A7A1A2CR332	152-0242-00		SEMICONV DEVICE:SILICON,225V,200MA	07263	FDH5004
A7A1A2CR337	152-0242-00		SEMICONV DEVICE:SILICON,225V,200MA	07263	FDH5004
A7A1A2CR338	152-0242-00		SEMICONV DEVICE:SILICON,225V,200MA	07263	FDH5004
A7A1A2CR355	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A7A1A2CR356	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A7A1A2CR432	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A7A1A2CR435	152-0242-00		SEMICONV DEVICE:SILICON,225V,200MA	07263	FDH5004
A7A1A2CR436	152-0333-02		SEMICONV DEVICE:SW,SI,55V,200MA,TESTED	80009	152-0333-02
A7A1A2CR438	152-0333-02		SEMICONV DEVICE:SW,SI,55V,200MA,TESTED	80009	152-0333-02
A7A1A2CR439	152-0333-02		SEMICONV DEVICE:SW,SI,55V,200MA,TESTED	80009	152-0333-02
A7A1A2CR442	152-0333-02		SEMICONV DEVICE:SW,SI,55V,200MA,TESTED	80009	152-0333-02
A7A1A2CR443	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A7A1A2CR445	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A7A1A2CR446	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A7A1A2CR448	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A7A1A2CR449	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A7A1A2CR455	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A7A1A2J431	131-0608-00		TERMINAL,PIN:0.365 L X 0.025 PH BRZ GOLD	22526	47357

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Component No.	Tektronix Part No.	Serial/Model No. Eff Dscnt	Name & Description	Mfr Code	Mfr Part Number
A7A1A2J435	131-0608-00		TERMINAL,PIN:0.365 L X 0.025 PH BRZ GOLD	22526	47357
A7A1A2J459	131-0608-00		TERMINAL,PIN:0.365 L X 0.025 PH BRZ GOLD	22526	47357
A7A1A2L248	108-1088-00		COIL, RF: FIXED, 80UH	80009	108-1088-00
A7A1A2Q115	151-0508-01		TRANSISTOR:UJT, ST, 2N6027, TO-68 BLE	80009	151-0508-01
A7A1A2Q312	151-0302-01		TRANSISTOR:NPN, SI (SEL FROM 2N222A)	80009	151-0302-01
A7A1A2Q315	151-0301-02		TRANSISTOR:SILICON, PNP	80009	151-0301-02
A7A1A2Q319	151-0254-00		TRANSISTOR:SILICON, NPN	03508	X38L3118
A7A1A2Q322	151-0302-01		TRANSISTOR:NPN, SI (SEL FROM 2N222A)	80009	151-0302-01
A7A1A2Q335	151-0302-01		TRANSISTOR:NPN, SI (SEL FROM 2N222A)	80009	151-0302-01
A7A1A2Q338	151-0302-01		TRANSISTOR:NPN, SI (SEL FROM 2N222A)	80009	151-0302-01
A7A1A2Q339	151-0508-01		TRANSISTOR:UJT, ST, 2N6027, TO-68 BLE	80009	151-0508-01
A7A1A2R108	315-0333-00		RES., FXD, CMPSN: 33K OHM, 5%, 0.25W	01121	CB3335
A7A1A2R109	315-0753-00		RES., FXD, CMPSN: 75K OHM, 5%, 0.25W	01121	CB7535
A7A1A2R142	315-0104-00		RES., FXD, CMPSN: 100K OHM, 5%, 0.25W	01121	CB1045
A7A1A2R207	307-0053-00		RES., FXD, CMPSN: 3.3 OHM, 5%, 0.50W	01121	EB33G5
A7A1A2R209	315-0220-00		RES., FXD, CMPSN: 22 OHM, 5%, 0.25W	01121	CB2205
A7A1A2R248	315-0100-00		RES., FXD, CMPSN: 10 OHM, 5%, 0.25W	01121	CB1005
A7A1A2R305	315-0392-00		RES., FXD, CMPSN: 3.9K OHM, 5%, 0.25W	01121	CB3925
A7A1A2R307	307-0053-00		RES., FXD, CMPSN: 3.3 OHM, 5%, 0.50W	01121	EB33G5
A7A1A2R308	315-0220-00		RES., FXD, CMPSN: 22 OHM, 5%, 0.25W	01121	CB2205
A7A1A2R312	315-0150-00		RES., FXD, CMPSN: 15 OHM, 5%, 0.25W	01121	CB1505
A7A1A2R318	315-0333-00		RES., FXD, CMPSN: 33K OHM, 5%, 0.25W	01121	CB3335
A7A1A2R339	315-0562-00		RES., FXD, CMPSN: 5.6K OHM, 5%, 0.25W	01121	CB5625
A7A1A2R343	315-0242-00		RES., FXD, CMPSN: 2.4K OHM, 5%, 0.25W	01121	CB2425
A7A1A2R344	315-0242-00		RES., FXD, CMPSN: 2.4K OHM, 5%, 0.25W	01121	CB2425
A7A1A2R345	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A7A1A2R355	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A7A1A2R361	321-0283-00		RES., FXD, FILM: 8.66K OHM, 1%, 0.125W	91637	MFF1816G86600F
A7A1A2R365	321-0405-00		RES., FXD, FILM: 162K OHM, 1%, 0.125W	91637	MFF1816G16202F
A7A1A2R415	315-0560-00		RES., FXD, CMPSN: 56 OHM, 5%, 0.25W	01121	CB5605
A7A1A2R416	315-0822-00		RES., FXD, CMPSN: 8.2K OHM, 5%, 0.25W	01121	CB8225
A7A1A2R418	315-0181-00		RES., FXD, CMPSN: 180 OHM, 5%, 0.25W	01121	CB1815
A7A1A2R419	321-0346-00		RES., FXD, FILM: 39.2K OHM, 1%, 0.125W	91637	MFF1816G39201F
A7A1A2R422	315-0223-00		RES., FXD, CMPSN: 22K OHM, 5%, 0.25W	01121	CB2235
A7A1A2R425	315-0104-00		RES., FXD, CMPSN: 100K OHM, 5%, 0.25W	01121	CB1045
A7A1A2R431	315-0473-00		RES., FXD, CMPSN: 47K OHM, 5%, 0.25W	01121	CB4735
A7A1A2R432	315-0471-00		RES., FXD, CMPSN: 470 OHM, 5%, 0.25W	01121	CB4715
A7A1A2R433	321-0318-00		RES., FXD, FILM: 20K OHM, 1%, 0.125W	91637	MFF1816G20001F
A7A1A2R438	321-0193-00		RES., FXD, FILM: 1K OHM, 1%, 0.125W	91637	MFF1816G10000F
A7A1A2R439	315-0302-00		RES., FXD, CMPSN: 3K OHM, 5%, 0.25W	01121	CB3025
A7A1A2R441	321-0010-00		RES., FXD, FILM: 12.4 OHM, 1%, 0.125W	91637	MFF1816G12R40F
A7A1A2R442	315-0104-00		RES., FXD, CMPSN: 100K OHM, 5%, 0.25W	01121	CB1045
A7A1A2R443	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A7A1A2R445	315-0364-00		RES., FXD, CMPSN: 360K OHM, 5%, 0.25W	01121	CB3645
A7A1A2R448	315-0182-00		RES., FXD, CMPSN: 1.8K OHM, 5%, 0.25W	01121	CB1825
A7A1A2R449	315-0564-00		RES., FXD, CMPSN: 560K OHM, 5%, 0.25W	01121	CB5645
A7A1A2R451	315-0684-00		RES., FXD, CMPSN: 680K OHM, 5%, 0.25W	01121	CB6845
A7A1A2R453	315-0754-00		RES., FXD, CMPSN: 750K OHM, 5%, 0.25W	01121	CB7545
A7A1A2R454	321-0383-00		RES., FXD, FILM: 95.3K OHM, 1%, 0.125W	91637	MFF1816G95301F
A7A1A2R456	321-0376-00		RES., FXD, FILM: 80.6K OHM, 1%, 0.125W	91637	MFF1816G80601F
A7A1A2R457	315-0202-00		RES., FXD, CMPSN: 2K OHM, 5%, 0.25W	01121	CB2025
A7A1A2R462	311-1417-00		RES., VAR, NONWIR: 2.5K OHM, 10%, 0.25W	73138	72-58-0
A7A1A2R463	311-1227-00		RES., VAR, NONWIR: 5K OHM, 20%, 0.50W	32997	3386F-T04-502
A7A1A2R464	321-0282-00		RES., FXD, FILM: 8.45K OHM, 1%, 0.125W	91637	MFF1816G84500F
A7A1A2R465	321-0282-00		RES., FXD, FILM: 8.45K OHM, 1%, 0.125W	91637	MFF1816G84500F
A7A1A2R466	315-0681-00		RES., FXD, CMPSN: 680 OHM, 5%, 0.25W	01121	CB6815
A7A1A2R467	321-0405-00		RES., FXD, FILM: 162K OHM, 1%, 0.125W	91637	MFF1816G16202F

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Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A7A1A2R468	321-0295-00		RES., FXD, FILM: 11.5K OHM, 1%, 0.125W	91637	MFF1816G11501
A7A1A2R469	321-0298-00		RES., FXD, FILM: 12.4K OHM, 1%, 0.125W	91637	MFF1816G12401F
A7A1A2T225	120-1382-00		TRANSFORMER, RF: BASE DRIVE, TOROID	80009	120-1382-00
A7A1A2TP205	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A7A1A2TP315	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A7A1A2TP355	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A7A1A2TP406	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A7A1A2TP408	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A7A1A2TP425	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A7A1A2TP435	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A7A1A2TP460	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A7A1A2U409	155-0067-02		MICROCIRCUIT, DI: ML, POWER SUPPLY REGULATOR	80009	155-0067-02
A7A1A2VR105	152-0241-00		SEMICONV DEVICE: ZENER, 0.4W, 33V, 5%	80009	152-0241-00
A7A1A2VR305	152-0195-01		SEMICONV DEVICE: ZEN, SI, 5.1V, 5%, 0.4W, TESTED	80009	152-0195-01
A7A1A2VR313	152-0149-01		SEMICONV DEVICE: ZEN, SI, 10V, 0.4W, TESTED	80009	152-0149-01
A7A1A2VR405	152-0265-00		SEMICONV DEVICE: ZENER, 0.4W, 24V, 5%	04713	SZG35009K8
A7A1A2VR434	152-0304-01		SEMICONV DEVICE: ZEN, SI, 20V, 5%, 0.4W, TESTED	80009	152-0304-01
A7A1A2VR465	152-0212-00		SEMICONV DEVICE: ZENER, 0.5W, 9V, 5%	04713	SZ50646RL
A7A1A2VR466	152-0212-00		SEMICONV DEVICE: ZENER, 0.5W, 9V, 5%	04713	SZ50646RL
A7A1A3	-----		CKT BOARD ASSY: PS OUTPUT		
A7A1A3C105	285-1171-00		CAP., FXD, MTLZD: 2 UF, 10%, 200 V	84411	X363UW(ADVISE)
A7A1A3C110	290-0806-00		CAP., FXD, ELCTLT: 3.3UF, +75-10%, 350VDC	55680	350UNA 3.3V-T
A7A1A3C122	290-0213-00		CAP., FXD, ELCTLT: 10UF, +50-10%, 450V	56289	34D106F450GJ4
A7A1A3C123	283-0057-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 200V	56289	274C10
A7A1A3C124	290-0746-00		CAP., FXD, ELCTLT: 47UF, +50-10%, 16V	55680	16U-47V-T
A7A1A3C125	283-0068-00		CAP., FXD, CER DI: 0.01UF, +100-0%, 500V	56289	19C241
A7A1A3C127	281-0773-00		CAP., FXD, CER DI: 0.01UF, 10%, 100V	04222	GC70-1C103K
A7A1A3C131	290-0746-00		CAP., FXD, ELCTLT: 47UF, +50-10%, 16V	55680	16U-47V-T
A7A1A3C133	283-0085-00		CAP., FXD, CER DI: 2700PF, 5%, 1000V	55680	16U-47V-T
A7A1A3C135	290-0746-00		CAP., FXD, ELCTLT: 47UF, +50-10%, 16V	84411	TEK-150-47452
A7A1A3C205	285-1121-00		CAP., FXD, PLSTC: 0.47UF, 5%, 200V		
A7A1A3C228	281-0773-00		CAP., FXD, CER DI: 0.01UF, 10%, 100V	04222	GC70-1C103K
A7A1A3C320	283-0057-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 200V	56289	274C10
A7A1A3C321	283-0189-00		CAP., FXD, CER DI: 0.1UF, 20%, 400V	72982	8151N401XR0104M
A7A1A3C322	290-0012-00		CAP., FXD, ELCTLT: 2 X 40UF, +75-10%, 250V (REPLACEABLE AS A UNIT WITH A7A3C223)	56289	D25815
A7A1A3C323	290-0012-00		CAP., FXD, ELCTLT: 2 X 40UF, +75-10%, 250V (REPLACEABLE AS A UNIT WITH A7A3C222)	56289	D25815
A7A1A3C324	260-0818-01		CAP., FXD, ELCTLT: 390UF, +100-10%, 40V	56289	672D397H040DS5C
A7A1A3C325	260-0818-01		CAP., FXD, ELCTLT: 390UF, +100-10%, 40V	56289	672D397H040DS5C
A7A1A3C330	290-0412-00		CAP., FXD, ELCTLT: 100UF, +75-10%, 150V	56289	60D1423DFP
A7A1A3C331	283-0057-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 200V	56289	274C10
A7A1A3C332	283-0059-00		CAP., FXD, CER DI: 1UF, +80-20%, 25V	72982	8131N031Z5U0105Z
A7A1A3C333	283-0059-00		CAP., FXD, CER DI: 1UF, +80-20%, 25V	72982	8131N031Z5U0105Z
A7A1A3C401	283-0183-00		CAP., FXD, CER DI: 0.045UF, 20%, 500V	56289	275C10
A7A1A3C415	285-1153-00		CAP., FXD, PLSTC: 10UF, 20%, 100V	14752	230B1B106M
A7A1A3C419	290-0800-00		CAP., FXD, ELCTLT: 250UF, +100-10%, 20V	56289	672D257H0200M5C
A7A1A3C420	260-0818-01		CAP., FXD, ELCTLT: 390UF, +100-10%, 40V	56289	672D397H040DS5C
A7A1A3C421	283-0059-00		CAP., FXD, CER DI: 1UF, +80-20%, 25V	72982	8131N031Z5U0105Z
A7A1A3C424	290-0800-00		CAP., FXD, ELCTLT: 250UF, +100-10%, 20V	56289	672D257H0200M5C
A7A1A3C425	283-0057-00		CAP., FXD, CER DI: 0.1UF, +80-20%, 200V	56289	274C10
A7A1A3C430	290-0758-00		CAP., FXD, ELCTLT: 2.2UF, +50-10%, 160V	56289	502D227
A7A1A3C431	283-0059-00		CAP., FXD, CER DI: 1UF, +80-20%, 25V	72982	8131N031Z5U0105Z

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Component No.	Tektronix Part No.	Serial/Model No. Eff	Dscont	Name & Description	Mfr Code	Mfr Part Number
A7A1A3C519	260-0818-01			CAP., FXD, ELCTLT: 390UF, +100-10%, 40V	56289	672D397H040DS5C
A7A1A3CR300	152-0400-00			SEMICOND DEVICE: SILICON, 400V, 1A	80009	152-0400-00
A7A1A3CR301	152-0400-00			SEMICOND DEVICE: SILICON, 400V, 1A	80009	152-0400-00
A7A1A3CR302	152-0400-00			SEMICOND DEVICE: SILICON, 400V, 1A	80009	152-0400-00
A7A1A3CR303	152-0400-00			SEMICOND DEVICE: SILICON, 400V, 1A	80009	152-0400-00
A7A1A3CR304	152-0400-00			SEMICOND DEVICE: SILICON, 400V, 1A	80009	152-0400-00
A7A1A3CR305	152-0400-00			SEMICOND DEVICE: SILICON, 400V, 1A	80009	152-0400-00
A7A1A3CR306	152-0400-00			SEMICOND DEVICE: SILICON, 400V, 1A	80009	152-0400-00
A7A1A3CR307	152-0400-00			SEMICOND DEVICE: SILICON, 400V, 1A	80009	152-0400-00
A7A1A3CR315	152-0661-00			SEMICOND DEVICE: RECT, SI, 600V, 3A, FAST	04713	MR856
A7A1A3CR316	152-0686-00			SEMICOND DEVICE: RECT, SI, 100V, 5A	80009	152-0686-00
A7A1A3CR317	152-0686-00			SEMICOND DEVICE: RECT, SI, 100V, 5A	80009	152-0686-00
A7A1A3CR318	152-0686-00			SEMICOND DEVICE: RECT, SI, 100V, 5A	80009	152-0686-00
A7A1A3CR319	152-0686-00			SEMICOND DEVICE: RECT, SI, 100V, 5A	80009	152-0686-00
A7A1A3CR320	152-0066-00			SEMICOND DEVICE: SILICON, 400V, 750MA	14433	LG4016
A7A1A3CR322	152-0066-00			SEMICOND DEVICE: SILICON, 400V, 750MA	14433	LG4016
A7A1A3CR402	152-0400-00			SEMICOND DEVICE: SILICON, 400V, 1A	80009	152-0400-00
A7A1A3CR422	152-0400-00			SEMICOND DEVICE: SILICON, 400V, 1A	80009	152-0400-00
A7A1A3J109	131-0589-00			TERM, PIN: 0.46 L X 0.025 SQ. PH BRZ GL	22526	47350
A7A1A3J115	131-2441-00			TERMINAL PIN: 1.0 L X 0.025 SQ, BRASS	22526	47799
A7A1A3J330	131-2590-00			CONN, RCPT, ELEC: HEADER PIN, 1 X 2, 0.25	00779	1-350946-0
A7A1A3J402	131-0787-00			CONTACT, ELEC: 0.64 INCH LONG	22526	47359
A7A1A3L309	108-0422-00			COIL, RF: FIXED, 82UH	80009	108-0422-00
A7A1A3L310	108-0422-00			COIL, RF: FIXED, 82UH	80009	108-0422-00
A7A1A3L311	108-0422-00			COIL, RF: FIXED, 82UH	80009	108-0422-00
A7A1A3L315	108-0337-00			COIL, RF: 25UH	80009	108-0337-00
A7A1A3L423	108-0337-00			COIL, RF: 25UH	80009	108-0337-00
A7A1A3L424	108-0337-00			COIL, RF: 25UH	80009	108-0337-00
A7A1A3R126	315-0474-00			RES., FXD, CMPSN: 470K OHM, 5%, 0.25W	01121	CB4745
A7A1A3R134	315-0473-00			RES., FXD, CMPSN: 47K OHM, 5%, 0.25W	01121	CB4735
A7A1A3R321	315-0274-00			RES., FXD, CMPSN: 270K OHM, 5%, 0.25W	01121	CB2745
A7A1A3R323	152-0661-00			SEMICOND DEVICE: RECT, SI, 600V, 3A, FAST	04713	MR856
A7A1A3R426	315-0204-00			RES., FXD, CMPSN: 200K OHM, 5%, 0.25W	01121	CB2045

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Component No.	Tektronix Part No.	Serial/Model No. Eff Dscnt	Name & Description	Mfr Code	Mfr Part Number
A7A2	-----		CKT BOARD ASSY:HIGH VOLTAGE	01121	EB91G5
A7A2R100	307-0063-00		RES.,FXD,CMPSN:9.1 OHM,5%,0.50W	80009	119-1441-00
A7A2T100	119-1441-00		POWER SUPPLY SUBAS:30KV		
A7A2A1	-----		CKT BOARD ASSY:HIGH VOLTAGE		
A7A2A1C108	285-1211-00		CAP.,FXD,PAPER:0.292UF,2%,400V	84411	X363UW-292424
A7A2A1C113	285-1090-00		CAP.,FXD,PLSTC:0.01UF,5%,1600V	19396	FP19-13951
A7A2A1C121	283-0208-00		CAP.,FXD,CER DI:0.22UF,10%,200V	72982	8151N230 C 224K
A7A2A1C141	283-0013-00		CAP.,FXD,CER DI:0.01UF,+100-0%,1000V	56289	33C29A7
A7A2A1C151	283-0013-00		CAP.,FXD,CER DI:0.01UF,+100-0%,1000V	56289	33C29A7
A7A2A1C152	283-0013-00		CAP.,FXD,CER DI:0.01UF,+100-0%,1000V	56289	33C29A7
A7A2A1C208	285-0537-00		CAP.,FXD,PPR DI:0.5UF,20%,400V	14752	650B1B1E504
A7A2A1C241	290-0290-00		CAP.,FXD,ELCTLT:10UF,20%,25V	56289	30D472
A7A2A1C322	290-0771-00		CAP.,FXD,ELCTLT:220UF,+50-10%,10VDC	54473	ECE-A10V220L
A7A2A1C326	283-0111-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8121-N088Z5U104M
A7A2A1C331	283-0111-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8121-N088Z5U104M
A7A2A1C332	283-0238-00		CAP.,FXD,CER DI:0.01UF,10%,50V	72982	8121N075X7R0103K
A7A2A1C337	283-0065-01		CAP.,FXD,CER DI:0.001UF,5%,100V	72982	0835582Z5E00102J
A7A2A1C340	283-0111-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8121-N088Z5U104M
A7A2A1C341	283-0177-00		CAP.,FXD,CER DI:1UF,+80-20%,25V	56289	273C5
A7A2A1C348	283-0111-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8121-N088Z5U104M
A7A2A1C350	283-0256-00		CAP.,FXD,CER DI:130PF,5%,100V	72982	8131B143P3K0131J
A7A2A1C351	283-0211-00		CAP.,FXD,CER DI:0.1UF,10%,200V	72982	8141N210X7R0104K
A7A2A1C399	283-0594-00		CAP.,FXD,MICA D:0.001UF,1%,100V	00853	D151F102F0
A7A2A1C403	285-0933-00		CAP.,FXD,PLSTC:2UF,10%,400V	14752	A-1480
A7A2A1C408	283-0177-00		CAP.,FXD,CER DI:1UF,+80-20%,25V	56289	273C5
A7A2A1C424	290-0932-00		CAP.,FXD ELECT:390UF,+ 100-10%,15VDC	90201	VPR391N01E1A3J
A7A2A1C425	290-0770-00		CAP.,FXD,ELCTLT:100UF,+50-10%,25V	56289	502D230
A7A2A1C426	283-0111-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8121-N088Z5U104M
A7A2A1C427	283-0111-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8121-N088Z5U104M
A7A2A1C429	290-0804-00		CAP.,FXD,ELCTLT:10UF,+50-10%,25V	55680	25ULA10V-T
A7A2A1C434	283-0110-00		CAP.,FXD,CER DI:0.005UF,+80-20%,150V	56289	19C242B
A7A2A1C440	283-0644-00		CAP.,FXD,MICA D:150PF,1%,500V	00853	D155E151F0
A7A2A1C441	283-0210-00		CAP.,FXD,CER DI:5600PF,10%,100V	72982	8131N145W5R562M
A7A2A1C442	283-0111-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8121-N088Z5U104M
A7A2A1C450	290-0804-00		CAP.,FXD,ELCTLT:10UF,+50-10%,25V	55680	25ULA10V-T
A7A2A1C451	283-0176-00		CAP.,FXD,CER DI:0.0022UF,20%,50V	72982	8121B058X7R0222M
A7A2A1C454	283-0177-00		CAP.,FXD,CER DI:1UF,+80-20%,25V	56289	273C5
A7A2A1C461	290-0770-00		CAP.,FXD,ELCTLT:100UF,+50-10%,25V	56289	502D230
A7A2A1C512	283-0013-00		CAP.,FXD,CER DI:0.01UF,+100-0%,1000V	56289	33C29A7
A7A2A1C513	283-0013-00		CAP.,FXD,CER DI:0.01UF,+100-0%,1000V	56289	33C29A7
A7A2A1C514	283-0013-00		CAP.,FXD,CER DI:0.01UF,+100-0%,1000V	56289	33C29A7
A7A2A1C515	283-0013-00		CAP.,FXD,CER DI:0.01UF,+100-0%,1000V	56289	33C29A7
A7A2A1C518	283-0013-00		CAP.,FXD,CER DI:0.01UF,+100-0%,1000V	56289	33C29A7
A7A2A1C531	283-0238-00		CAP.,FXD,CER DI:0.01UF,10%,50V	72982	8121N075X7R0103K
A7A2A1C539	283-0065-01		CAP.,FXD,CER DI:0.001UF,5%,100V	72982	0835582Z5E00102J
A7A2A1C541	290-0745-00		CAP.,FXD,ELCTLT:22UF,+50-10%,25V	56289	502D225
A7A2A1C543	283-0212-00		CAP.,FXD,CER DI:2UF,20%,50V	72982	8141N064Z5U205M
A7A2A1C544	290-0745-00		CAP.,FXD,ELCTLT:22UF,+50-10%,25V	56289	502D225
A7A2A1C547	283-0111-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8121-N088Z5U104M
A7A2A1CR111	152-0789-00		SEMICONV DEVICE:RECT,SI,1000V,3.0A	04713	SR3681K
A7A2A1CR115	152-0398-01		SEMICONV DEVICE:RECT,SI,200V,1A,TESTED	80009	152-0398-01
A7A2A1CR229	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A7A2A1CR232	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A7A2A1CR260	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A7A2A1CR262	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A7A2A1CR305	152-0661-00		SEMICONV DEVICE:RECT,SI,600V,3A,FAST	04713	MR856
A7A2A1CR321	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R

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Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A7A2A1CR322	152-0141-02		SEMICON D DEVICE:SILICON,30V,150MA	01295	1N4152R
A7A2A1CR327	152-0141-02		SEMICON D DEVICE:SILICON,30V,150MA	01295	1N4152R
A7A2A1CR333	152-0141-02		SEMICON D DEVICE:SILICON,30V,150MA	01295	1N4152R
A7A2A1CR335	152-0141-02		SEMICON D DEVICE:SILICON,30V,150MA	01295	1N4152R
A7A2A1CR341	152-0141-02		SEMICON D DEVICE:SILICON,30V,150MA	01295	1N4152R
A7A2A1CR352	152-0242-00		SEMICON D DEVICE:SILICON,225V,200MA	07263	FDH5004
A7A2A1CR355	152-0141-02		SEMICON D DEVICE:SILICON,30V,150MA	01295	1N4152R
A7A2A1CR361	152-0141-02		SEMICON D DEVICE:SILICON,30V,150MA	01295	1N4152R
A7A2A1CR362	152-0141-02		SEMICON D DEVICE:SILICON,30V,150MA	01295	1N4152R
A7A2A1CR401	152-0400-00		SEMICON D DEVICE:SILICON,400V,1A	80009	152-0400-00
A7A2A1CR406	152-0400-00		SEMICON D DEVICE:SILICON,400V,1A	80009	152-0400-00
A7A2A1CR416	152-0400-00		SEMICON D DEVICE:SILICON,400V,1A	80009	152-0400-00
A7A2A1CR444	152-0141-02		SEMICON D DEVICE:SILICON,30V,150MA	01295	1N4152R
A7A2A1CR448	152-0141-02		SEMICON D DEVICE:SILICON,30V,150MA	01295	1N4152R
A7A2A1CR449	152-0141-02		SEMICON D DEVICE:SILICON,30V,150MA	01295	1N4152R
A7A2A1CR456	152-0141-02		SEMICON D DEVICE:SILICON,30V,150MA	01295	1N4152R
A7A2A1CR457	152-0141-02		SEMICON D DEVICE:SILICON,30V,150MA	01295	1N4152R
A7A2A1CR511	152-0400-00		SEMICON D DEVICE:SILICON,400V,1A	80009	152-0400-00
A7A2A1CR512	152-0400-00		SEMICON D DEVICE:SILICON,400V,1A	80009	152-0400-00
A7A2A1CR515	152-0400-00		SEMICON D DEVICE:SILICON,400V,1A	80009	152-0400-00
A7A2A1CR516	152-0400-00		SEMICON D DEVICE:SILICON,400V,1A	80009	152-0400-00
A7A2A1CR517	152-0400-00		SEMICON D DEVICE:SILICON,400V,1A	80009	152-0400-00
A7A2A1CR537	152-0075-00		SEMICON D DEVICE:GE,25V,40MA	14433	G866
A7A2A1CR538	152-0141-02		SEMICON D DEVICE:SILICON,30V,150MA	01295	1N4152R
A7A2A1CR550	152-0141-02		SEMICON D DEVICE:SILICON,30V,150MA	01295	1N4152R
A7A2A1DS123	150-0030-00		LAMP,GLOW:NEON,T-2,60 TO 90 VOLTS	08806	A2B-T
A7A2A1DS124	150-0030-00		LAMP,GLOW:NEON,T-2,60 TO 90 VOLTS	08806	A2B-T
A7A2A1DS251	150-0021-00		LAMP,GLOW:0.4MA	74276	5AG-A
A7A2A1J128	131-0589-00		TERM,PIN:0.46 L X 0.025 SQ.PH BRZ GL	22526	47350
A7A2A1J130	131-0589-00		TERM,PIN:0.46 L X 0.025 SQ.PH BRZ GL	22526	47350
A7A2A1J150	131-0589-00		TERM,PIN:0.46 L X 0.025 SQ.PH BRZ GL	22526	47350
A7A2A1J209	131-0589-00		TERM,PIN:0.46 L X 0.025 SQ.PH BRZ GL	22526	47350
A7A2A1J450	131-1939-00		TERM. SET,PIN:1 X 14,0.15 SPACING	22526	65561-114
A7A2A1J502	131-0589-00		TERM,PIN:0.46 L X 0.025 SQ.PH BRZ GL	22526	47350
A7A2A1J550	131-0608-00		TERMINAL,PIN:0.365 L X 0.025 PH BRZ GOLD	22526	47357
A7A2A1L510	108-0473-00		COIL,RF:150UH	80009	108-0473-00
A7A2A1Q225	151-0335-00		TRANSISTOR:SILICON,PNP	04713	SJE917
A7A2A1Q228	151-0613-00		TRANSISTOR:NPN,SI,SJE1657,TO-126	80009	151-0613-00
A7A2A1Q304	151-0678-00		TRANSISTOR:NPN,SI,MJE13005,TO-220	80009	151-0678-00
A7A2A1Q321	151-0301-02		TRANSISTOR:SILICON,PNP	80009	151-0301-02
A7A2A1Q327	151-0613-00		TRANSISTOR:NPN,SI,SJE1657,TO-126	80009	151-0613-00
A7A2A1Q328	151-0302-01		TRANSISTOR:NPN,SI(SEL FROM 2N222A)	80009	151-0302-01
A7A2A1Q331	151-0302-01		TRANSISTOR:NPN,SI(SEL FROM 2N222A)	80009	151-0302-01
A7A2A1Q332	151-0302-01		TRANSISTOR:NPN,SI(SEL FROM 2N222A)	80009	151-0302-01
A7A2A1Q334	151-0216-02		TRANSISTOR:PNP,SI PRESTRESSED & TESTED	80009	151-0216-02
A7A2A1Q352	151-0192-03		TRANSISTOR:SILICON,NPN	80009	151-0192-03
A7A2A1Q355	151-0188-03		TRANSISTOR:SILICON,PNP,SEL	80009	151-0188-03
A7A2A1Q359	151-0190-07		TRANSISTOR:SILICON,NPN,SEL	80009	151-0190-07
A7A2A1Q425	151-0407-00		TRANSISTOR:SILICON,NPN	04713	SS2456
A7A2A1Q437	151-0192-03		TRANSISTOR:SILICON,NPN	80009	151-0192-03
A7A2A1Q438	151-0190-07		TRANSISTOR:SILICON,NPN,SEL	80009	151-0190-07
A7A2A1Q532	151-0190-07		TRANSISTOR:SILICON,NPN,SEL	80009	151-0190-07
A7A2A1Q533	151-0188-03		TRANSISTOR:SILICON,PNP,SEL	80009	151-0188-03
A7A2A1R122	308-0488-00		RES.,FXD,WW:5 OHM,1%,2.5W	91637	RS2B-D5R000F
A7A2A1R125	308-0488-00		RES.,FXD,WW:5 OHM,1%,2.5W	91637	RS2B-D5R000F
A7A2A1R129	303-0102-00		RES.,FXD,CMPSN:1K OHM,5%,1W	01121	GB1025
A7A2A1R131	303-0224-00		RES.,FXD,CMPSN:220K OHM,5%,1W	01121	GB2245

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Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A7A2A1R138	311-1968-00		RES., VAR, NONWIR: PNL, 5M OHM, 20%, 0.50W	01121	72M4N048S505M
A7A2A1R142	301-0474-00		RES., FXD, CMPSN: 470K OHM, 5%, 0.50W	01121	EB4745
A7A2A1R148	311-1968-00		RES., VAR, NONWIR: PNL, 5M OHM, 20%, 0.50W	01121	72M4N048S505M
A7A2A1R158	311-1968-00		RES., VAR, NONWIR: PNL, 5M OHM, 20%, 0.50W	01121	72M4N048S505M
A7A2A1R162	301-0474-00		RES., FXD, CMPSN: 470K OHM, 5%, 0.50W	01121	EB4745
A7A2A1R231	321-0481-00		RES., FXD, FILM: 1M OHM, 1%, 0.125W	24546	NA4D1004F
A7A2A1R232	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A7A2A1R233	321-0338-00		RES., FXD, FILM: 32.4K OHM, 1%, 0.125W	91637	MFF1816G32401F
A7A2A1R234	315-0122-00		RES., FXD, CMPSN: 1.2K OHM, 5%, 0.25W	01121	CB1225
A7A2A1R235	315-0114-00		RES., FXD, CMPSN: 110K OHM, 5%, 0.25W	01121	CB1145
A7A2A1R236	315-0622-00		RES., FXD, CMPSN: 6.2K OHM, 5%, 0.25W	01121	CB6225
A7A2A1R251	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A7A2A1R256	315-0202-00		RES., FXD, CMPSN: 2K OHM, 5%, 0.25W	01121	CB2025
A7A2A1R258	315-0681-00		RES., FXD, CMPSN: 680 OHM, 5%, 0.25W	01121	CB6815
A7A2A1R260	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A7A2A1R265	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A7A2A1R320	308-0793-00		RES., FXD, WW: 0.51 OHM, 5%, 0.50W	75042	BW20 .51 OHM 5%
A7A2A1R325	315-0273-00		RES., FXD, CMPSN: 27K OHM, 5%, 0.25W	01121	CB2735
A7A2A1R327	315-0301-00		RES., FXD, CMPSN: 300 OHM, 5%, 0.25W	01121	CB3015
A7A2A1R330	315-0153-00		RES., FXD, CMPSN: 15K OHM, 5%, 0.25W	01121	CB1535
A7A2A1R332	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A7A2A1R333	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A7A2A1R334	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A7A2A1R336	315-0334-00		RES., FXD, CMPSN: 330K OHM, 5%, 0.25W	01121	CB3345
A7A2A1R338	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A7A2A1R339	315-0622-00		RES., FXD, CMPSN: 6.2K OHM, 5%, 0.25W	01121	CB6225
A7A2A1R341	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A7A2A1R342	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A7A2A1R345	321-0302-00		RES., FXD, FILM: 13.7K OHM, 1%, 0.125W	91637	MFF1816G13701F
A7A2A1R346	321-0391-00		RES., FXD, FILM: 115K OHM, 1%, 0.125K	91637	MFF1816G11501F
A7A2A1R347	315-0105-00		RES., FXD, CMPSN: 1M OHM, 5%, 0.25W	01121	CB1055
A7A2A1R349	311-0605-00		RES., VAR, NONWIR: TRMR, 200 OHM, 0.5W	73138	82-23-2
A7A2A1R350	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A7A2A1R351	315-0223-00		RES., FXD, CMPSN: 22K OHM, 5%, 0.25W	01121	CB2235
A7A2A1R352	315-0133-00		RES., FXD, CMPSN: 13K OHM, 5%, 0.25W	01121	CB1335
A7A2A1R353	315-0225-00		RES., FXD, CMPSN: 2.2M OHM, 5%, 0.25W	01121	CB2255
A7A2A1R356	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A7A2A1R357	315-0223-00		RES., FXD, CMPSN: 22K OHM, 5%, 0.25W	01121	CB2235
A7A2A1R360	315-0332-00		RES., FXD, CMPSN: 3.3K OHM, 5%, 0.25W	01121	CB3325
A7A2A1R362	315-0470-00		RES., FXD, CMPSN: 47 OHM, 5%, 0.25W	01121	CB4705
A7A2A1R364	315-0332-00		RES., FXD, CMPSN: 3.3K OHM, 5%, 0.25W	01121	CB3325
A7A2A1R406	315-0271-00		RES., FXD, CMPSN: 270 OHM, 5%, 0.25W	01121	CB2715
A7A2A1R417	315-0202-00		RES., FXD, CMPSN: 2K OHM, 5%, 0.25W	01121	CB2025
A7A2A1R421	301-0390-00		RES., FXD, CMPSN: 39 OHM, 5%, 0.50W	01121	EB3905
A7A2A1R422	308-0836-00		RES., FXD, WW: 1.2 OHM, 5%, 1W FUSIBLE	75042	BW-20F-1.2
A7A2A1R426	315-0243-00		RES., FXD, CMPSN: 24K OHM, 5%, 0.25W	01121	CB2435
A7A2A1R427	321-0393-00		RES., FXD, FILM: 121K OHM, 1%, 0.125W	91637	MFF1816G12102F
A7A2A1R430	315-0202-00		RES., FXD, CMPSN: 2K OHM, 5%, 0.25W	01121	CB2025
A7A2A1R431	321-0372-00		RES., FXD, FILM: 73.2K OHM, 1%, 0.125W	91637	MFF1816G73201F
A7A2A1R432	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A7A2A1R433	311-1035-00		RES., VAR, NONWIR: 50K OHM, 10%, 0.50W	73138	82-40-0
A7A2A1R434	311-0633-00		RES., VAR, NONWIR: 5K OHM, 10%, 0.50W	73138	82-30-1
A7A2A1R435	315-0912-00		RES., FXD, CMPSN: 9.1K OHM, 5%, 0.25W	01121	CB9125
A7A2A1R436	315-0392-00		RES., FXD, CMPSN: 3.9K OHM, 5%, 0.25W	01121	CB3925
A7A2A1R438	315-0333-00		RES., FXD, CMPSN: 33K OHM, 5%, 0.25W	01121	CB3335
A7A2A1R439	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A7A2A1R442	315-0623-00		RES., FXD, CMPSN: 62K OHM, 5%, 0.25W	01121	CB6235

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A7A2A1R443	315-0113-00		RES.,FXD,CMPSN:11K OHM,5%,0.25W	01121	CB1135
A7A2A1R444	315-0151-00		RES.,FXD,CMPSN:150 OHM,5%,0.25W	01121	CB1515
A7A2A1R446	315-0103-00		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
A7A2A1R447	315-0202-00		RES.,FXD,CMPSN:2K OHM,5%,0.25W	01121	CB2025
A7A2A1R451	321-0280-00		RES.,FXD,FILM:8.06K OHM,1%,0.125W	91637	MFF1816G80600F
A7A2A1R452	311-1230-00		RES.,VAR, NONWIR:20K OHM,20%,0.50W	32997	3386F-T04-203
A7A2A1R455	321-0231-00		RES.,FXD,FILM:2.49K OHM,1%,0.125W	91637	MFF1816G24900F
A7A2A1R500	301-0150-00		RES.,FXD,CMPSN:15 OHM,5%,0.50W	01121	EB1505
A7A2A1R508	301-0100-00		RES.,FXD,CMPSN:10 OHM,5%,0.50W	01121	EB1005
A7A2A1R528	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A7A2A1R529	301-0161-00		RES.,FXD,CMPSN:160 OHM,5%,0.50W	01121	EB1615
A7A2A1R532	315-0153-00		RES.,FXD,CMPSN:15K OHM,5%,0.25W	01121	CB1535
A7A2A1R540	315-0104-00		RES.,FXD,CMPSN:100K OHM,5%,0.25W	01121	CB1045
A7A2A1R541	315-0473-00		RES.,FXD,CMPSN:47K OHM,5%,0.25W	01121	CB4735
A7A2A1R542	315-0431-00		RES.,FXD,CMPSN:430 OHM,5%,0.25W	01121	CB4315
A7A2A1R543	315-0391-00		RES.,FXD,CMPSN:390 OHM,5%,0.25W	01121	CB3915
A7A2A1R544	315-0512-00		RES.,FXD,CMPSN:5.1K OHM,5%,0.25W	01121	CB5125
A7A2A1R548	315-0272-00		RES.,FXD,CMPSN:2.7K OHM,5%,0.25W	01121	CB2725
A7A2A1R549	315-0473-00		RES.,FXD,CMPSN:47K OHM,5%,0.25W	01121	CB4735
A7A2A1R550	311-1560-00		RES.,VAR, NONWIR:5K OHM,20%,0.50W	73138	91-82-0
A7A2A1T128	120-1366-00		TRANSFORMER, RF: DRIVER	80009	120-1366-00
A7A2A1T315	108-1073-00		COIL, RF: FIXED, 7MH	80009	108-1073-00
A7A2A1T415	120-1363-00		TRANSFORMER, RF: SWITCHER	80009	120-1363-00
A7A2A1TP225	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A7A2A1TP251	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A7A2A1TP341	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A7A2A1TP460	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A7A2A1TP539	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A7A2A1U342	156-0704-00		MICROCIRCUIT, LI: PHASE LOCK LOOP	04713	MC14046CP
A7A2A1U445	156-0933-00		MICROCIRCUIT, LI: REGULATOR, PULSE WIDTH MOD	80009	156-0933-00
A7A2A1VR238	152-0195-01		SEMICOND DEVICE: ZEN, SI, 5.1V, 5%, 0.4W, TESTED	80009	152-0195-01
A7A2A1VR251	152-0195-01		SEMICOND DEVICE: ZEN, SI, 5.1V, 5%, 0.4W, TESTED	80009	152-0195-01
A7A2A1VR434	152-0306-00		SEMICOND DEVICE: ZENER, 0.4W, 9.1V, 5%	14433	1N960B
A7A2A1VR451	152-0411-00		SEMICOND DEVICE: ZENER, 0.25W, 9V, 5%	04713	SZ12483K
A7A2A2	-----		HV FOCUS ASSY:		
A7A2A2C241	283-0083-00		CAP., FXD, CER D1: 0.0047UF, 20%, 500V	72982	811-565C472J
A7A2A2J241	131-0589-00		TERM, PIN: 0.46 L X 0.025 SQ. PH BRZ GL	22526	47350
A7A2A2J251	131-0589-00		TERM, PIN: 0.46 L X 0.025 SQ. PH BRZ GL	22526	47350
A7A2A2J261	131-0589-00		TERM, PIN: 0.46 L X 0.025 SQ. PH BRZ GL	22526	47350
A7A2A2R260	311-2014-00		RES., VAR, NONWIR: TRMR, 15M OHM, 20%, 1W, 3KV	11502	0BD
A7A2A2R261	303-0473-00		RES., FXD, CMPSN: 47K OHM, 5%, 1W	01121	GB4735

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A8A1	-----		CKT BOARD ASSY: CONVERGENCE CONTROL	00853	D151C100D0
A8A1C105	283-0648-00		CAP., FXD, MICA D: 10PF, 5%, 100V	00853	D151C100D0
A8A1C108	283-0648-00		CAP., FXD, MICA D: 10PF, 5%, 100V	00853	D151E171F0
A8A1C109	283-0646-00		CAP., FXD, MICA D: 170PF, 1%, 100V	09023	CD15FD251F03
A8A1C113	283-0785-00		CAP., FXD, MICA D: 250PF, 1%, 500V	72982	8005D9AABZ5U104M
A8A1C114	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A1C115	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A1C116	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A1C117	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	00853	D151C100D0
A8A1C204	283-0648-00		CAP., FXD, MICA D: 10PF, 5%, 100V	09023	CD15FO(267)F03
A8A1C206	283-0788-00		CAP., FXD, MICA D: 267PF, 1%, 500V	72982	8005D9AABZ5U104M
A8A1C210	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A1C211	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	00853	D151C100D0
A8A1C304	283-0648-00		CAP., FXD, MICA D: 10PF, 5%, 100V	09023	CD15FO(267)F03
A8A1C308	283-0788-00		CAP., FXD, MICA D: 267PF, 1%, 500V	72982	8005D9AABZ5U104M
A8A1C310	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A1C311	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	56289	500D148
A8A1C315	290-0747-00		CAP., FXD, ELCTLT: 100UF, +50-10%, 25V	56289	500D148
A8A1C316	290-0747-00		CAP., FXD, ELCTLT: 100UF, +50-10%, 25V	00853	D151C100D0
A8A1C404	283-0648-00		CAP., FXD, MICA D: 10PF, 5%, 100V	72982	8005D9AABZ5U104M
A8A1C406	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A1C408	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8131N031Z5U0105Z
A8A1C410	283-0059-00		CAP., FXD, CER DI: 1UF, +80-20%, 25V	00853	D151C100D0
A8A1C507	283-0648-00		CAP., FXD, MICA D: 10PF, 5%, 100V	72982	8005D9AABZ5U104M
A8A1C512	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A1C513	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8131N031Z5U0105Z
A8A1C514	283-0059-00		CAP., FXD, CER DI: 1UF, +80-20%, 25V	56289	500D148
A8A1C520	290-0747-00		CAP., FXD, ELCTLT: 100UF, +50-10%, 25V	56289	500D148
A8A1C522	290-0747-00		CAP., FXD, ELCTLT: 100UF, +50-10%, 25V	56289	500D148
A8A1C524	290-0747-00		CAP., FXD, ELCTLT: 100UF, +50-10%, 25V	56289	500D148
A8A1C526	290-0747-00		CAP., FXD, ELCTLT: 100UF, +50-10%, 25V	56289	500D148
A8A1C528	290-0747-00		CAP., FXD, ELCTLT: 100UF, +50-10%, 25V	56289	500D148
A8A1C530	290-0747-00		CAP., FXD, ELCTLT: 100UF, +50-10%, 25V	56289	500D148
A8A1C532	290-0747-00		CAP., FXD, ELCTLT: 100UF, +50-10%, 25V	56289	500D148
A8A1C534	290-0747-00		CAP., FXD, ELCTLT: 100UF, +50-10%, 25V	09023	CD15ED400G03
A8A1C535	283-0784-00		CAP., FXD, MICA D: 40 PF, 2%, 500V	72982	8005D9AABZ5U104M
A8A1C638	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A1C644	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A1C728	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A1C818	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A1C828	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A1C918	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A1DS718	150-1064-00		LT EMITTING DIO: YELLOW, 585NM, 40 MA MAX	50522	MV5374C
A8A1J270	131-0608-00		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD	22526	47357
A8A1J470	131-0608-00		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD	22526	47357
A8A1J827	131-1425-00		CONTACT SET, ELE: R ANGLE, 0.150" L, STR OF 36	22526	65521-136
A8A1R103	321-0306-00		RES., FXD, FILM: 15K OHM, 1%, 0.125W	91637	MFF1816G15001F
A8A1R104	321-0306-00		RES., FXD, FILM: 15K OHM, 1%, 0.125W	91637	MFF1816G15001F
A8A1R105	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A8A1R106	321-0298-00		RES., FXD, FILM: 12.4K OHM, 1%, 0.125W	91637	MFF1816G12401F
A8A1R107	321-0298-00		RES., FXD, FILM: 12.4K OHM, 1%, 0.125W	91637	MFF1816G12401F
A8A1R108	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A8A1R113	321-0267-00		RES., FXD, FILM: 5.9K OHM, 1%, 0.125W	91637	MFF1816G59000F
A8A1R114	321-0247-00		RES., FXD, FILM: 3.65K OHM, 1%, 0.125W	91637	MFF1816G36500F
A8A1R120	311-2110-00		RES., VAR, NONWIR: PNL, 10K OHM, 10%, 0.5W	12697	CM41778
A8A1R122	321-0414-00		RES., FXD, FILM: 200K OHM, 1%, 0.125W	91637	MFF1816G20002F
A8A1R124	321-0414-00		RES., FXD, FILM: 200K OHM, 1%, 0.125W	91637	MFF1816G20002F

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A8A1R125	311-2110-00		RES.,VAR, NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R126	321-0414-00		RES.,FXD,FILM:200K OHM,1%,0.125W	91637	MFF1816G20002F
A8A1R128	321-0414-00		RES.,FXD,FILM:200K OHM,1%,0.125W	91637	MFF1816G20002F
A8A1R130	311-2110-00		RES.,VAR, NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R132	321-0402-00		RES.,FXD,FILM:150K OHM,1%,0.125W	24546	NA55D1503F
A8A1R134	321-0402-00		RES.,FXD,FILM:150K OHM,1%,0.125W	24546	NA55D1503F
A8A1R135	311-2110-00		RES.,VAR, NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R136	321-0402-00		RES.,FXD,FILM:150K OHM,1%,0.125W	24546	NA55D1503F
A8A1R138	321-0402-00		RES.,FXD,FILM:150K OHM,1%,0.125W	24546	NA55D1503F
A8A1R140	311-2110-00		RES.,VAR, NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R142	321-0356-00		RES.,FXD,FILM:49.9K OHM,1%,0.125W	91637	MFF1816G49901F
A8A1R144	321-0356-00		RES.,FXD,FILM:49.9K OHM,1%,0.125W	91637	MFF1816G49901F
A8A1R145	311-2110-00		RES.,VAR, NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R146	321-0356-00		RES.,FXD,FILM:49.9K OHM,1%,0.125W	91637	MFF1816G49901F
A8A1R148	321-0356-00		RES.,FXD,FILM:49.9K OHM,1%,0.125W	91637	MFF1816G49901F
A8A1R150	311-2110-00		RES.,VAR, NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R152	321-0335-00		RES.,FXD,FILM:30.1K OHM,1%,0.125W	91637	MFF1816G30101F
A8A1R154	321-0335-00		RES.,FXD,FILM:30.1K OHM,1%,0.125W	91637	MFF1816G30101F
A8A1R155	311-2110-00		RES.,VAR, NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R156	321-0385-00		RES.,FXD,FILM:100K OHM,1%,0.125W	91637	MFF1816G10002F
A8A1R158	321-0385-00		RES.,FXD,FILM:100K OHM,1%,0.125W	91637	MFF1816G10002F
A8A1R160	311-2110-00		RES.,VAR, NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R162	321-0356-00		RES.,FXD,FILM:49.9K OHM,1%,0.125W	91637	MFF1816G49901F
A8A1R164	321-0356-00		RES.,FXD,FILM:49.9K OHM,1%,0.125W	91637	MFF1816G49901F
A8A1R165	311-2110-00		RES.,VAR, NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R166	321-0356-00		RES.,FXD,FILM:49.9K OHM,1%,0.125W	91637	MFF1816G49901F
A8A1R168	321-0356-00		RES.,FXD,FILM:49.9K OHM,1%,0.125W	91637	MFF1816G49901F
A8A1R202	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A1R203	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A1R204	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
A8A1R208	321-0225-00		RES.,FXD,FILM:2.15K OHM,1%,0.125W	91637	MFF1816G21500F
A8A1R220	311-2110-00		RES.,VAR, NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R222	321-0335-00		RES.,FXD,FILM:30.1K OHM,1%,0.125W	91637	MFF1816G30101F
A8A1R225	311-2110-00		RES.,VAR, NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R226	321-0414-00		RES.,FXD,FILM:200K OHM,1%,0.125W	91637	MFF1816G20002F
A8A1R230	311-2110-00		RES.,VAR, NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R232	321-0335-00		RES.,FXD,FILM:30.1K OHM,1%,0.125W	91637	MFF1816G30101F
A8A1R235	311-2110-00		RES.,VAR, NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R236	321-0385-00		RES.,FXD,FILM:100K OHM,1%,0.125W	91637	MFF1816G10002F
A8A1R240	311-2110-00		RES.,VAR, NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R242	321-0335-00		RES.,FXD,FILM:30.1K OHM,1%,0.125W	91637	MFF1816G30101F
A8A1R245	311-2110-00		RES.,VAR, NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R246	321-0356-00		RES.,FXD,FILM:49.9K OHM,1%,0.125W	91637	MFF1816G49901F
A8A1R248	321-0328-00		RES.,FXD,FILM:25.5K OHM,1%,0.125W	91637	MFF1816G25501F
A8A1R250	311-2110-00		RES.,VAR, NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R252	321-0335-00		RES.,FXD,FILM:30.1K OHM,1%,0.125W	91637	MFF1816G30101F
A8A1R254	321-0285-00		RES.,FXD,FILM:9.09K OHM,1%,0.125W	91637	MFF1816G90900F
A8A1R255	311-2110-00		RES.,VAR, NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R256	321-0385-00		RES.,FXD,FILM:100K OHM,1%,0.125W	91637	MFF1816G10002F
A8A1R260	311-2110-00		RES.,VAR, NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R262	321-0335-00		RES.,FXD,FILM:30.1K OHM,1%,0.125W	91637	MFF1816G30101F
A8A1R265	311-2110-00		RES.,VAR, NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R266	321-0356-00		RES.,FXD,FILM:49.9K OHM,1%,0.125W	91637	MFF1816G49901F
A8A1R302	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A1R303	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A1R304	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
A8A1R308	321-0225-00		RES.,FXD,FILM:2.15K OHM,1%,0.125W	91637	MFF1816G21500F

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A8A1R320	311-2110-00		RES.,VAR, NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R322	321-0414-00		RES.,FXD,FILM:200K OHM,1%,0.125W	91637	MFF1816G20002F
A8A1R324	321-0414-00		RES.,FXD,FILM:200K OHM,1%,0.125W	91637	MFF1816G20002F
A8A1R325	311-2110-00		RES.,VAR, NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R326	321-0414-00		RES.,FXD,FILM:200K OHM,1%,0.125W	91637	MFF1816G20002F
A8A1R328	321-0414-00		RES.,FXD,FILM:200K OHM,1%,0.125W	91637	MFF1816G20002F
A8A1R330	311-2110-00		RES.,VAR, NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R332	321-0402-00		RES.,FXD,FILM:150K OHM,1%,0.125W	24546	NA55D1503F
A8A1R334	321-0402-00		RES.,FXD,FILM:150K OHM,1%,0.125W	24546	NA55D1503F
A8A1R335	311-2110-00		RES.,VAR, NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R336	321-0402-00		RES.,FXD,FILM:150K OHM,1%,0.125W	24546	NA55D1503F
A8A1R338	321-0402-00		RES.,FXD,FILM:150K OHM,1%,0.125W	24546	NA55D1503F
A8A1R340	311-2110-00		RES.,VAR, NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R342	321-0324-00		RES.,FXD,FILM:23.2K OHM,1%,0.125W	91637	MFF1816G23201F
A8A1R344	321-0324-00		RES.,FXD,FILM:23.2K OHM,1%,0.125W	91637	MFF1816G23201F
A8A1R345	311-2110-00		RES.,VAR, NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R346	321-0373-00		RES.,FXD,FILM:75K OHM, 1%,0.125W	91637	MFF1816G75001F
A8A1R348	321-0373-00		RES.,FXD,FILM:75K OHM, 1%,0.125W	91637	MFF1816G75001F
A8A1R350	311-2110-00		RES.,VAR, NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R352	321-0373-00		RES.,FXD,FILM:75K OHM, 1%,0.125W	91637	MFF1816G75001F
A8A1R354	321-0373-00		RES.,FXD,FILM:75K OHM, 1%,0.125W	91637	MFF1816G75001F
A8A1R355	311-2110-00		RES.,VAR, NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R356	321-0402-00		RES.,FXD,FILM:150K OHM,1%,0.125W	24546	NA55D1503F
A8A1R358	321-0402-00		RES.,FXD,FILM:150K OHM,1%,0.125W	24546	NA55D1503F
A8A1R360	311-2110-00		RES.,VAR, NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R362	321-0324-00		RES.,FXD,FILM:23.2K OHM,1%,0.125W	91637	MFF1816G23201F
A8A1R364	321-0324-00		RES.,FXD,FILM:23.2K OHM,1%,0.125W	91637	MFF1816G23201F
A8A1R365	311-2110-00		RES.,VAR, NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R366	321-0373-00		RES.,FXD,FILM:75K OHM, 1%,0.125W	91637	MFF1816G75001F
A8A1R368	321-0373-00		RES.,FXD,FILM:75K OHM, 1%,0.125W	91637	MFF1816G75001F
A8A1R402	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A1R403	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A1R404	315-0472-00		RES.,FXD,CMP SN:4.7K OHM,5%,0.25W	01121	CB4725
A8A1R420	311-2110-00		RES.,VAR, NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R422	321-0335-00		RES.,FXD,FILM:30.1K OHM,1%,0.125W	91637	MFF1816G30101F
A8A1R425	311-2110-00		RES.,VAR, NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R426	321-0414-00		RES.,FXD,FILM:200K OHM,1%,0.125W	91637	MFF1816G20002F
A8A1R430	311-2110-00		RES.,VAR, NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R432	321-0335-00		RES.,FXD,FILM:30.1K OHM,1%,0.125W	91637	MFF1816G30101F
A8A1R435	311-2110-00		RES.,VAR, NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R436	321-0385-00		RES.,FXD,FILM:100K OHM,1%,0.125W	91637	MFF1816G10002F
A8A1R440	311-2110-00		RES.,VAR, NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R442	321-0335-00		RES.,FXD,FILM:30.1K OHM,1%,0.125W	91637	MFF1816G30101F
A8A1R444	321-0328-00		RES.,FXD,FILM:25.5K OHM,1%,0.125W	91637	MFF1816G25501F
A8A1R445	311-2110-00		RES.,VAR, NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R446	321-0335-00		RES.,FXD,FILM:30.1K OHM,1%,0.125W	91637	MFF1816G30101F
A8A1R448	321-0313-00		RES.,FXD,FILM:17.8K OHM,1%,0.125W	91637	MFF1816G17801F
A8A1R450	311-2110-00		RES.,VAR, NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R452	321-0367-00		RES.,FXD,FILM:64.9K OHM,1%,0.125W	91637	MFF1816G64901F
A8A1R454	321-0318-00		RES.,FXD,FILM:20K OHM,1%,0.125W	91637	MFF1816G20001F
A8A1R455	311-2110-00		RES.,VAR, NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R456	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A1R458	321-0373-00		RES.,FXD,FILM:75K OHM, 1%,0.125W	91637	MFF1816G75001F
A8A1R460	311-2110-00		RES.,VAR, NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R462	321-0335-00		RES.,FXD,FILM:30.1K OHM,1%,0.125W	91637	MFF1816G30101F
A8A1R464	321-0328-00		RES.,FXD,FILM:25.5K OHM,1%,0.125W	91637	MFF1816G25501F
A8A1R465	311-2110-00		RES.,VAR, NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778

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A8A1R466	321-0313-00		RES.,FXD,FILM:17.8K OHM,1%,0.125W	91637	MFF1816G17801F
A8A1R468	321-0335-00		RES.,FXD,FILM:30.1K OHM,1%,0.125W	91637	MFF1816G30101F
A8A1R472	308-0836-00		RES.,FXD,WW:1.2 OHM,5%,1W FUSIBLE	75042	BW-20F-1.2
A8A1R474	308-0836-00		RES.,FXD,WW:1.2 OHM,5%,1W FUSIBLE	75042	BW-20F-1.2
A8A1R505	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A1R506	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A1R507	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
A8A1R535	321-0279-00		RES.,FXD,FILM:7.87K OHM,1%,0.125W	91637	MFF1816G78700F
A8A1R540	311-2110-00		RES.,VAR,NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R542	321-0356-00		RES.,FXD,FILM:49.9K OHM,1%,0.125W	91637	MFF1816G49901F
A8A1R544	321-0356-00		RES.,FXD,FILM:49.9K OHM,1%,0.125W	91637	MFF1816G49901F
A8A1R545	311-2110-00		RES.,VAR,NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R546	321-0356-00		RES.,FXD,FILM:49.9K OHM,1%,0.125W	91637	MFF1816G49901F
A8A1R548	321-0356-00		RES.,FXD,FILM:49.9K OHM,1%,0.125W	91637	MFF1816G49901F
A8A1R550	311-2110-00		RES.,VAR,NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R552	321-0324-00		RES.,FXD,FILM:23.2K OHM,1%,0.125W	91637	MFF1816G23201F
A8A1R554	321-0324-00		RES.,FXD,FILM:23.2K OHM,1%,0.125W	91637	MFF1816G23201F
A8A1R555	311-2110-00		RES.,VAR,NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R556	321-0385-00		RES.,FXD,FILM:100K OHM,1%,0.125W	91637	MFF1816G10002F
A8A1R558	321-0385-00		RES.,FXD,FILM:100K OHM,1%,0.125W	91637	MFF1816G10002F
A8A1R560	311-2110-00		RES.,VAR,NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R562	321-0356-00		RES.,FXD,FILM:49.9K OHM,1%,0.125W	91637	MFF1816G49901F
A8A1R564	321-0356-00		RES.,FXD,FILM:49.9K OHM,1%,0.125W	91637	MFF1816G49901F
A8A1R565	311-2110-00		RES.,VAR,NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R566	321-0356-00		RES.,FXD,FILM:49.9K OHM,1%,0.125W	91637	MFF1816G49901F
A8A1R568	321-0356-00		RES.,FXD,FILM:49.9K OHM,1%,0.125W	91637	MFF1816G49901F
A8A1R627	321-0296-00		RES.,FXD,FILM:11.8K OHM,1%,0.125W	91637	MFF1816G11801F
A8A1R628	321-0296-00		RES.,FXD,FILM:11.8K OHM,1%,0.125W	91637	MFF1816G11801F
A8A1R630	311-2110-00		RES.,VAR,NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R633	311-1757-00		RES.,VAR,NONWIR:2.5K OHM,10%,0.50W	32997	3326H-G48-252
A8A1R635	311-2110-00		RES.,VAR,NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R636	321-0308-00		RES.,FXD,FILM:15.8K OHM,1%,0.125W	91637	MFF1816G15801F
A8A1R637	315-0432-00		RES.,FXD,CMPSN:4.3K OHM,5%,0.25W	01121	CB4325
A8A1R640	311-2110-00		RES.,VAR,NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R642	321-0335-00		RES.,FXD,FILM:30.1K OHM,1%,0.125W	91637	MFF1816G30101F
A8A1R645	311-2110-00		RES.,VAR,NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R646	321-0356-00		RES.,FXD,FILM:49.9K OHM,1%,0.125W	91637	MFF1816G49901F
A8A1R648	321-0328-00		RES.,FXD,FILM:25.5K OHM,1%,0.125W	91637	MFF1816G25501F
A8A1R650	311-2110-00		RES.,VAR,NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R652	321-0335-00		RES.,FXD,FILM:30.1K OHM,1%,0.125W	91637	MFF1816G30101F
A8A1R654	321-0285-00		RES.,FXD,FILM:9.09K OHM,1%,0.125W	91637	MFF1816G90900F
A8A1R655	311-2110-00		RES.,VAR,NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R656	321-0385-00		RES.,FXD,FILM:100K OHM,1%,0.125W	91637	MFF1816G10002F
A8A1R660	311-2110-00		RES.,VAR,NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R662	321-0335-00		RES.,FXD,FILM:30.1K OHM,1%,0.125W	91637	MFF1816G30101F
A8A1R665	311-2110-00		RES.,VAR,NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R666	321-0356-00		RES.,FXD,FILM:49.9K OHM,1%,0.125W	91637	MFF1816G49901F
A8A1R700	321-0193-00		RES.,FXD,FILM:1K OHM,1%,0.125W	91637	MFF1816G10000F
A8A1R701	311-2109-00		RES.,VAR,NONWIR:PNL,25K OHM,10%,0.5W	12697	CM41777
A8A1R704	321-0193-00		RES.,FXD,FILM:1K OHM,1%,0.125W	91637	MFF1816G10000F
A8A1R705	311-2109-00		RES.,VAR,NONWIR:PNL,25K OHM,10%,0.5W	12697	CM41777
A8A1R710	321-0193-00		RES.,FXD,FILM:1K OHM,1%,0.125W	91637	MFF1816G10000F
A8A1R711	311-2109-00		RES.,VAR,NONWIR:PNL,25K OHM,10%,0.5W	12697	CM41777
A8A1R718	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A8A1R800	321-0193-00		RES.,FXD,FILM:1K OHM,1%,0.125W	91637	MFF1816G10000F
A8A1R801	311-2109-00		RES.,VAR,NONWIR:PNL,25K OHM,10%,0.5W	12697	CM41777
A8A1R804	321-0193-00		RES.,FXD,FILM:1K OHM,1%,0.125W	91637	MFF1816G10000F

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A8A1R805	311-2109-00		RES.,VAR, NONWIR:PNL,25K OHM,10%,0.5W	12697	CM41777
A8A1R810	321-0193-00		RES.,FXD,FILM:1K OHM,1%,0.125W	91637	MFF1816G10000F
A8A1R811	311-2109-00		RES.,VAR, NONWIR:PNL,25K OHM,10%,0.5W	12697	CM41777
A8A1R818	321-0327-00		RES.,FXD,FILM:24.9K OHM,1%,0.125W	91637	MFF1816G24901F
A8A1R820	311-2110-00		RES.,VAR, NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R823	321-0239-00		RES.,FXD,FILM:3.01K OHM,1%,0.125W	91637	MFF1816G30100F
A8A1R824	321-0284-00		RES.,FXD,FILM:8.87K OHM,1%,0.125W	91637	MFF1816G88700F
A8A1R825	311-2110-00		RES.,VAR, NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R827	311-0660-00		RES.,VAR, NONWIR:TRMR,200K OHM,0.5W	73138	82-35-1
A8A1R904	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A1R905	311-2109-00		RES.,VAR, NONWIR:PNL,25K OHM,10%,0.5W	12697	CM41777
A8A1R910	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A1R911	311-2109-00		RES.,VAR, NONWIR:PNL,25K OHM,10%,0.5W	12697	CM41777
A8A1R915	321-0193-00		RES.,FXD,FILM:1K OHM,1%,0.125W	91637	MFF1816G10000F
A8A1R920	311-2110-00		RES.,VAR, NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R922	321-0302-00		RES.,FXD,FILM:13.7K OHM,1%,0.125W	91637	MFF1816G13701F
A8A1R925	311-2110-00		RES.,VAR, NONWIR:PNL,10K OHM,10%,0.5W	12697	CM41778
A8A1R926	321-0256-00		RES.,FXD,FILM:4.53K OHM,1%,0.125W	91637	MFF1816G45300F
A8A1R928	311-0633-00		RES.,VAR, NONWIR:5K OHM,10%,0.50W	73138	82-30-1
A8A1SW602	260-1811-01		SWITCH,SLIDE:DPDT,0.5A,125VAC	82389	C56206L2
A8A1SW606	260-1811-01		SWITCH,SLIDE:DPDT,0.5A,125VAC	82389	C56206L2
A8A1SW612	260-1811-01		SWITCH,SLIDE:DPDT,0.5A,125VAC	82389	C56206L2
A8A1SW620	260-1608-00		SWITCH,SLIDE:DPDT,0.3A,125VAC	95146	MSS4200
A8A1SW626	260-1608-00		SWITCH,SLIDE:DPDT,0.3A,125VAC	95146	MSS4200
A8A1SW720	260-1811-01		SWITCH,SLIDE:DPDT,0.5A,125VAC	82389	C56206L2
A8A1SW726	260-1811-01		SWITCH,SLIDE:DPDT,0.5A,125VAC	82389	C56206L2
A8A1TP103	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A8A1TP105	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A8A1TP117	214-0579-00		TERM,TEST POINT:BRSS CD PL	80009	214-0579-00
A8A1TP145	214-0579-00		TERM,TEST POINT:BRSS CD PL	80009	214-0579-00
A8A1TP204	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A8A1TP224	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A8A1TP225	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A8A1TP237	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A8A1TP238	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A8A1TP244	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A8A1TP245	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A8A1TP254	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A8A1TP255	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A8A1TP264	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A8A1TP265	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A8A1TP304	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A8A1TP424	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A8A1TP425	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A8A1TP434	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A8A1TP435	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A8A1TP445	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A8A1TP446	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A8A1TP450	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A8A1TP456	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A8A1TP465	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A8A1TP466	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A8A1TP473	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A8A1TP474	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A8A1TP544	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A8A1TP545	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A8A1TP554	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02

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Component No.	Tektronix Part No.	Serial/Model No. Eff Dscnt	Name & Description	Mfr Code	Mfr Part Number
A8A1TP555	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A8A1TP630	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A8A1TP633	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A8A1TP635	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A8A1TP640	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A8A1TP641	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A8A1TP666	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A8A1TP667	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A8A1TP675	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A8A1TP818	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A8A1TP904	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A8A1TP922	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A8A1TP926	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A8A1U108	156-0742-02		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER, SEL	01295	LM318P3
A8A1U109	156-0742-02		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER, SEL	01295	LM318P3
A8A1U205	156-0742-02		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER, SEL	01295	LM318P3
A8A1U305	156-0742-02		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER, SEL	01295	LM318P3
A8A1U400	156-0285-01		MICROCIRCUIT, LI: VOLTAGE REGULATOR, CHK	80009	156-0285-01
A8A1U405	156-0742-02		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER, SEL	01295	LM318P3
A8A1U410	156-0872-01		MICROCIRCUIT, LI: VOLTAGE REGULATOR	80009	156-0872-01
A8A1U457	156-0285-01		MICROCIRCUIT, LI: VOLTAGE REGULATOR, CHK	80009	156-0285-01
A8A1U477	156-0872-01		MICROCIRCUIT, LI: VOLTAGE REGULATOR	80009	156-0872-01
A8A1U508	156-0742-02		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER, SEL	01295	LM318P3
A8A1U539	156-1149-01		MICROCIRCUIT, LI: OPER AMPL, JFET, BURN-IN	27014	LF351N/A+
A8A2	-----		CKT BOARD KIT: CONVERGENCE GENERATOR		
A8A2C107	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C111	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C117	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C136	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C140	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C141	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C145	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C161	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C170	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C171	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C180	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C181	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C182	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C183	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C190	283-0648-00		CAP., FXD, MICA D: 10PF, 5%, 100V	00853	D151C100D0
A8A2C191	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C192	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C193	283-0648-00		CAP., FXD, MICA D: 10PF, 5%, 100V	00853	D151C100D0
A8A2C194	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C195	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C201	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C202	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C217	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C229	283-0648-00		CAP., FXD, MICA D: 10PF, 5%, 100V	00853	D151C100D0
A8A2C243	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C244	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C264	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C271	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C274	281-0775-00		CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8005D9AABZ5U104M

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Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A8A2C275	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C280	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C281	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C282	283-0648-00		CAP., FXD, MICA D:10PF, 5%, 100V	00853	D151C100D0
A8A2C283	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C290	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C291	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C292	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C293	283-0648-00		CAP., FXD, MICA D:10PF, 5%, 100V	00853	D151C100D0
A8A2C300	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C320	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C321	283-0648-00		CAP., FXD, MICA D:10PF, 5%, 100V	00853	D151C100D0
A8A2C329	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C345	283-0648-00		CAP., FXD, MICA D:10PF, 5%, 100V	00853	D151C100D0
A8A2C353	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C361	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C370	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C382	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C400	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C403	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C410	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C420	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C421	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C425	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C434	281-0599-00		CAP., FXD, CER DI:1PF, +/-0.25PF, 500V	72982	374009C0K0109C
A8A2C440	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C441	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C442	283-0648-00		CAP., FXD, MICA D:10PF, 5%, 100V	00853	D151C100D0
A8A2C455	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C456	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C462	283-0648-00		CAP., FXD, MICA D:10PF, 5%, 100V	00853	D151C100D0
A8A2C463	283-0672-00		CAP., FXD, MICA D:200PF, 1%, 500V	00853	D155F2010F0
A8A2C473	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C493	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C495	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C496	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C521	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C535	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C540	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C541	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C542	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C555	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C556	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C560	283-0648-00		CAP., FXD, MICA D:10PF, 5%, 100V	00853	D151C100D0
A8A2C571	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C581	283-0177-00		CAP., FXD, CER DI:1UF, +80-20%, 25V	56289	273C5
A8A2C582	283-0177-00		CAP., FXD, CER DI:1UF, +80-20%, 25V	56289	273C5
A8A2C590	290-0846-00		CAP., FXD, ELCLTLT:47UF, -10+75%, 35 WVDC	54473	ECE-A35V47LU
A8A2C591	290-0846-00		CAP., FXD, ELCLTLT:47UF, -10+75%, 35 WVDC	54473	ECE-A35V47LU
A8A2C613	283-0648-00		CAP., FXD, MICA D:10PF, 5%, 100V	00853	D151C100D0
A8A2C614	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C615	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C622	281-0599-00		CAP., FXD, CER DI:1PF, +/-0.25PF, 500V	72982	374009C0K0109C
A8A2C623	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C640	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C641	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C701	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M

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Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A8A2C702	283-0649-00		CAP., FXD, MICA D:105PF, 1%, 300V	00853	D153F1050F0
A8A2C713	283-0067-00		CAP., FXD, CER DI:0.001UF, 10%, 200V	72982	835-515B102K
A8A2C722	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C723	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C725	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A8A2C812	283-0648-00		CAP., FXD, MICA D:10PF, 5%, 100V	00853	D151C100D0
A8A2CR105	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A8A2CR106	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A8A2CR170	152-0457-00		SEMICONV DEVICE: SILICON, 25V	28480	5082-2068
A8A2CR226	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A8A2CR227	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A8A2CR352	152-0457-00		SEMICONV DEVICE: SILICON, 25V	28480	5082-2068
A8A2CR501	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A8A2CR502	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A8A2CR620	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A8A2CR621	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A8A2CR700	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A8A2CR701	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A8A2CR711	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A8A2J117	131-0608-00		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD	22526	47357
A8A2J130	131-0608-00		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD	22526	47357
A8A2J160	131-0608-00		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD	22526	47357
A8A2J235	131-0608-00		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD	22526	47357
A8A2J261	131-0608-00		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD	22526	47357
A8A2J271	131-0608-00		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD	22526	47357
A8A2J320	131-0608-00		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD	22526	47357
A8A2J335	131-0608-00		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD	22526	47357
A8A2J412	131-0608-00		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD	22526	47357
A8A2J425	131-0608-00		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD	22526	47357
A8A2J600	131-0608-00		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD	22526	47357
A8A2J634	131-0608-00		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD	22526	47357
A8A2J635	131-0608-00		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD	22526	47357
A8A2J700	131-0608-00		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD	22526	47357
A8A2J735	131-0608-00		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD	22526	47357
A8A2J814	131-0608-00		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD	22526	47357
A8A2J913	131-0608-00		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD	22526	47357
A8A2J949	131-0608-00		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD	22526	47357
A8A2Q381	151-0192-03		TRANSISTOR: SILICON, NPN	80009	151-0192-03
A8A2Q382	151-0190-07		TRANSISTOR: SILICON, NPN, SEL	80009	151-0190-07
A8A2Q393	151-0190-07		TRANSISTOR: SILICON, NPN, SEL	80009	151-0190-07
A8A2Q394	151-0188-03		TRANSISTOR: SILICON, PNP, SEL	80009	151-0188-03
A8A2Q462	151-0192-03		TRANSISTOR: SILICON, NPN	80009	151-0192-03
A8A2Q463	151-0190-07		TRANSISTOR: SILICON, NPN, SEL	80009	151-0190-07
A8A2Q473	151-0190-07		TRANSISTOR: SILICON, NPN, SEL	80009	151-0190-07
A8A2Q474	151-0188-03		TRANSISTOR: SILICON, PNP, SEL	80009	151-0188-03
A8A2Q482	151-0192-03		TRANSISTOR: SILICON, NPN	80009	151-0192-03
A8A2Q483	151-0190-07		TRANSISTOR: SILICON, NPN, SEL	80009	151-0190-07
A8A2Q493	151-0190-07		TRANSISTOR: SILICON, NPN, SEL	80009	151-0190-07
A8A2Q494	151-0188-03		TRANSISTOR: SILICON, PNP, SEL	80009	151-0188-03
A8A2Q561	151-0192-03		TRANSISTOR: SILICON, NPN	80009	151-0192-03
A8A2Q562	151-0190-07		TRANSISTOR: SILICON, NPN, SEL	80009	151-0190-07
A8A2Q580	151-0190-07		TRANSISTOR: SILICON, NPN, SEL	80009	151-0190-07
A8A2Q581	151-0188-03		TRANSISTOR: SILICON, PNP, SEL	80009	151-0188-03
A8A2Q712	151-0192-03		TRANSISTOR: SILICON, NPN	80009	151-0192-03
A8A2R101	311-1897-00		RES., VAR, NONWIR: 25K OHM, 10%, 0.50W	32997	3299W-1-253
A8A2R111	311-1897-00		RES., VAR, NONWIR: 25K OHM, 10%, 0.50W	32997	3299W-1-253
A8A2R112	321-0306-00		RES., FXD, FILM: 15K OHM, 1%, 0.125W	91637	MFF1816G15001F

Preliminary Information

Component No.	Tektronix Part No.	Serial/Model No. Eff Dscnt	Name & Description	Mfr Code	Mfr Part Num
A8A2R113	321-0233-00		RES.,FXD,FILM:2.61K OHM,1%,0.125W	91637	MFF1816G26100F
A8A2R115	321-0233-00		RES.,FXD,FILM:2.61K OHM,1%,0.125W	91637	MFF1816G26100F
A8A2R116	321-0393-00		RES.,FXD,FILM:121K OHM,1%,0.125W	91637	MFF1816G12102F
A8A2R117	321-0306-00		RES.,FXD,FILM:15K OHM,1%,0.125W	91637	MFF1816G15001F
A8A2R118	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A2R119	311-1897-00		RES.,VAR,NONWIR:25K OHM,10%,0.50W	32997	3299W-1-253
A8A2R120	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A2R121	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A2R122	321-0222-00		RES.,FXD,FILM:2K OHM,1%,0.125W	91637	MFF1816G20000F
A8A2R123	321-0357-00		RES.,FXD,FILM:51.1K OHM,1%,0.125W	91637	MFF1816G51101F
A8A2R124	321-0263-00		RES.,FXD,FILM:5.36K OHM,1%,0.125W	91637	MFF1816G53600F
A8A2R125	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A2R126	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A2R130	321-0233-00		RES.,FXD,FILM:2.61K OHM,1%,0.125W	91637	MFF1816G26100F
A8A2R131	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A2R132	321-0233-00		RES.,FXD,FILM:2.61K OHM,1%,0.125W	91637	MFF1816G26100F
A8A2R133	321-0205-00		RES.,FXD,FILM:1.33K OHM,1%,0.125W	91637	MFF1816G13300F
A8A2R134	321-0205-00		RES.,FXD,FILM:1.33K OHM,1%,0.125W	91637	MFF1816G13300F
A8A2R135	321-0380-00		RES.,FXD,FILM:88.7K OHM,1%,0.125W	91637	MFF1816G88701F
A8A2R136	315-0512-00		RES.,FXD,CMPSN:5.1K OHM,5%,0.25W	01121	CB5125
A8A2R140	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A2R141	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A2R142	311-1897-00		RES.,VAR,NONWIR:25K OHM,10%,0.50W	32997	3299W-1-253
A8A2R143	321-0233-00		RES.,FXD,FILM:2.61K OHM,1%,0.125W	91637	MFF1816G26100F
A8A2R144	321-0233-00		RES.,FXD,FILM:2.61K OHM,1%,0.125W	91637	MFF1816G26100F
A8A2R145	321-0306-00		RES.,FXD,FILM:15K OHM,1%,0.125W	91637	MFF1816G15001F
A8A2R146	321-0393-00		RES.,FXD,FILM:121K OHM,1%,0.125W	91637	MFF1816G12102F
A8A2R150	321-0306-00		RES.,FXD,FILM:15K OHM,1%,0.125W	91637	MFF1816G15001F
A8A2R151	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A2R152	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A2R153	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A2R180	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A2R181	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A2R190	315-0512-00		RES.,FXD,CMPSN:5.1K OHM,5%,0.25W	01121	CB5125
A8A2R191	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A2R192	315-0512-00		RES.,FXD,CMPSN:5.1K OHM,5%,0.25W	01121	CB5125
A8A2R193	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A2R202	321-0306-00		RES.,FXD,FILM:15K OHM,1%,0.125W	91637	MFF1816G15001F
A8A2R213	321-0233-00		RES.,FXD,FILM:2.61K OHM,1%,0.125W	91637	MFF1816G26100F
A8A2R214	321-0233-00		RES.,FXD,FILM:2.61K OHM,1%,0.125W	91637	MFF1816G26100F
A8A2R215	321-0306-00		RES.,FXD,FILM:15K OHM,1%,0.125W	91637	MFF1816G15001F
A8A2R216	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A2R217	321-0326-00		RES.,FXD,FILM:24.3K OHM,1%,0.125W	91637	MFF1816G24301F
A8A2R220	311-1896-00		RES.,VAR,NONWIR:5K OHM,10%,0.50W	32997	3299W-1-502
A8A2R222	321-0277-00		RES.,FXD,FILM:7.5K OHM,1%,0.125W	91637	MFF1816G75000F
A8A2R223	321-0318-00		RES.,FXD,FILM:20K OHM,1%,0.125W	91637	MFF1816G20001F
A8A2R230	321-0306-00		RES.,FXD,FILM:15K OHM,1%,0.125W	91637	MFF1816G15001F
A8A2R231	321-0306-00		RES.,FXD,FILM:15K OHM,1%,0.125W	91637	MFF1816G15001F
A8A2R232	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A2R233	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A2R234	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A2R235	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A2R240	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A2R241	315-0512-00		RES.,FXD,CMPSN:5.1K OHM,5%,0.25W	01121	CB5125
A8A2R242	311-1897-00		RES.,VAR,NONWIR:25K OHM,10%,0.50W	32997	3299W-1-253
A8A2R243	315-0512-00		RES.,FXD,CMPSN:5.1K OHM,5%,0.25W	01121	CB5125
A8A2R250	311-1897-00		RES.,VAR,NONWIR:25K OHM,10%,0.50W	32997	3299W-1-253

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Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A8A2R251	321-0222-00		RES.,FXD,FILM:2K OHM,1%,0.125W	91637	MFF1816G20000F
A8A2R252	321-0337-00		RES.,FXD,FILM:31.6K OHM,1%,0.125W	91637	MFF1816G31601F
A8A2R253	321-0263-00		RES.,FXD,FILM:5.36K OHM,1%,0.125W	91637	MFF1816G53600F
A8A2R254	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A2R255	315-0122-00		RES.,FXD,CMPSN:1.2K OHM,5%,0.25W	01121	CB1225
A8A2R256	315-0122-00		RES.,FXD,CMPSN:1.2K OHM,5%,0.25W	01121	CB1225
A8A2R260	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A2R261	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A2R262	321-0205-00		RES.,FXD,FILM:1.33K OHM,1%,0.125W	91637	MFF1816G13300F
A8A2R263	321-0205-00		RES.,FXD,FILM:1.33K OHM,1%,0.125W	91637	MFF1816G13300F
A8A2R264	321-0350-00		RES.,FXD,FILM:43.2K OHM,1%,0.125W	91637	MFF1816G43201F
A8A2R265	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A2R270	321-0260-00		RES.,FXD,FILM:4.99K OHM,1%,0.125W	91637	MFF1816G49900F
A8A2R271	321-0260-00		RES.,FXD,FILM:4.99K OHM,1%,0.125W	91637	MFF1816G49900F
A8A2R272	315-0122-00		RES.,FXD,CMPSN:1.2K OHM,5%,0.25W	01121	CB1225
A8A2R273	315-0122-00		RES.,FXD,CMPSN:1.2K OHM,5%,0.25W	01121	CB1225
A8A2R274	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A2R281	315-0512-00		RES.,FXD,CMPSN:5.1K OHM,5%,0.25W	01121	CB5125
A8A2R282	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A2R283	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A2R292	315-0512-00		RES.,FXD,CMPSN:5.1K OHM,5%,0.25W	01121	CB5125
A8A2R293	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A2R300	311-1943-00		RES.,VAR, NONWIR:10K OHM,10%,0.50W	73138	68-10-0
A8A2R301	321-0393-00		RES.,FXD,FILM:121K OHM,1%,0.125W	91637	MFF1816G12102F
A8A2R302	311-1897-00		RES.,VAR, NONWIR:25K OHM,10%,0.50W	32997	3299W-1-253
A8A2R310	321-0222-00		RES.,FXD,FILM:2K OHM,1%,0.125W	91637	MFF1816G20000F
A8A2R311	321-0312-00		RES.,FXD,FILM:17.4K OHM,1%,0.125W	91637	MFF1816G17401F
A8A2R312	321-0263-00		RES.,FXD,FILM:5.36K OHM,1%,0.125W	91637	MFF1816G53600F
A8A2R313	321-0193-00		RES.,FXD,FILM:1K OHM,1%,0.125W	91637	MFF1816G10000F
A8A2R314	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A2R315	321-0319-00		RES.,FXD,FILM:20.5K OHM,1%,0.125W	91637	MFF1816G20501F
A8A2R316	321-0205-00		RES.,FXD,FILM:1.33K OHM,1%,0.125W	91637	MFF1816G13300F
A8A2R320	321-0205-00		RES.,FXD,FILM:1.33K OHM,1%,0.125W	91637	MFF1816G13300F
A8A2R321	315-0512-00		RES.,FXD,CMPSN:5.1K OHM,5%,0.25W	01121	CB5125
A8A2R322	311-1897-00		RES.,VAR, NONWIR:25K OHM,10%,0.50W	32997	3299W-1-253
A8A2R324	311-1897-00		RES.,VAR, NONWIR:25K OHM,10%,0.50W	32997	3299W-1-253
A8A2R328	311-1897-00		RES.,VAR, NONWIR:25K OHM,10%,0.50W	32997	3299W-1-253
A8A2R329	321-0393-00		RES.,FXD,FILM:121K OHM,1%,0.125W	91637	MFF1816G12102F
A8A2R330	321-0222-00		RES.,FXD,FILM:2K OHM,1%,0.125W	91637	MFF1816G20000F
A8A2R331	321-0333-00		RES.,FXD,FILM:28.7K OHM,1%,0.125W	91637	MFF1816G28701F
A8A2R335	321-0263-00		RES.,FXD,FILM:5.36K OHM,1%,0.125W	91637	MFF1816G53600F
A8A2R336	321-0193-00		RES.,FXD,FILM:1K OHM,1%,0.125W	91637	MFF1816G10000F
A8A2R337	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A2R338	321-0345-00		RES.,FXD,FILM:38.3K OHM,1%,0.125W	91637	MFF1816G38301F
A8A2R340	321-0205-00		RES.,FXD,FILM:1.33K OHM,1%,0.125W	91637	MFF1816G13300F
A8A2R341	321-0205-00		RES.,FXD,FILM:1.33K OHM,1%,0.125W	91637	MFF1816G13300F
A8A2R342	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A8A2R343	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A2R350	315-0101-00		RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
A8A2R352	321-0260-00		RES.,FXD,FILM:4.99K OHM,1%,0.125W	91637	MFF1816G49900F
A8A2R353	321-0260-00		RES.,FXD,FILM:4.99K OHM,1%,0.125W	91637	MFF1816G49900F
A8A2R360	321-0260-00		RES.,FXD,FILM:4.99K OHM,1%,0.125W	91637	MFF1816G49900F
A8A2R361	321-0260-00		RES.,FXD,FILM:4.99K OHM,1%,0.125W	91637	MFF1816G49900F
A8A2R370	321-0260-00		RES.,FXD,FILM:4.99K OHM,1%,0.125W	91637	MFF1816G49900F
A8A2R371	315-0242-00		RES.,FXD,CMPSN:2.4K OHM,5%,0.25W	01121	CB2425
A8A2R380	315-0242-00		RES.,FXD,CMPSN:2.4K OHM,5%,0.25W	01121	CB2425
A8A2R381	321-0260-00		RES.,FXD,FILM:4.99K OHM,1%,0.125W	91637	MFF1816G49900F

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Component No.	Tektronix Part No.	Serial/Model No. Eff Dscnt	Name & Description	Mfr Code	Mfr Part Number
A8A2R390	321-0193-07		RES., FXD, FILM: 1K OHM, 0.1%, 0.125W	91637	MFF1816C10000B
A8A2R391	321-0193-07		RES., FXD, FILM: 1K OHM, 0.1%, 0.125W	91637	MFF1816C10000B
A8A2R392	321-0073-00		RES., FXD, FILM: 56.2 OHM, 1%, 0.125W	91637	MFF1816G56R20F
A8A2R393	321-0073-00		RES., FXD, FILM: 56.2 OHM, 1%, 0.125W	91637	MFF1816G56R20F
A8A2R394	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A8A2R396	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A8A2R400	321-0393-00		RES., FXD, FILM: 121K OHM, 1%, 0.125W	91637	MFF1816G12102F
A8A2R401	321-0306-00		RES., FXD, FILM: 15K OHM, 1%, 0.125W	91637	MFF1816G15001F
A8A2R402	321-0233-00		RES., FXD, FILM: 2.61K OHM, 1%, 0.125W	91637	MFF1816G26100F
A8A2R403	311-1943-00		RES., VAR, NONWIR: 10K OHM, 10%, 0.50W	73138	68-10-0
A8A2R410	321-0233-00		RES., FXD, FILM: 2.61K OHM, 1%, 0.125W	91637	MFF1816G26100F
A8A2R411	321-0306-00		RES., FXD, FILM: 15K OHM, 1%, 0.125W	91637	MFF1816G15001F
A8A2R412	321-0289-00		RES., FXD, FILM: 10K OHM, 1%, 0.125W	91637	MFF1816G10001F
A8A2R413	321-0319-00		RES., FXD, FILM: 20.5K OHM, 1%, 0.125W	91637	MFF1816G20501F
A8A2R421	321-0306-00		RES., FXD, FILM: 15K OHM, 1%, 0.125W	91637	MFF1816G15001F
A8A2R422	321-0233-00		RES., FXD, FILM: 2.61K OHM, 1%, 0.125W	91637	MFF1816G26100F
A8A2R423	321-0233-00		RES., FXD, FILM: 2.61K OHM, 1%, 0.125W	91637	MFF1816G26100F
A8A2R424	321-0306-00		RES., FXD, FILM: 15K OHM, 1%, 0.125W	91637	MFF1816G15001F
A8A2R425	311-1897-00		RES., VAR, NONWIR: 25K OHM, 10%, 0.50W	32997	3299W-1-253
A8A2R426	321-0393-00		RES., FXD, FILM: 121K OHM, 1%, 0.125W	91637	MFF1816G12102F
A8A2R431	321-0289-00		RES., FXD, FILM: 10K OHM, 1%, 0.125W	91637	MFF1816G10001F
A8A2R432	321-0289-00		RES., FXD, FILM: 10K OHM, 1%, 0.125W	91637	MFF1816G10001F
A8A2R433	321-0289-00		RES., FXD, FILM: 10K OHM, 1%, 0.125W	91637	MFF1816G10001F
A8A2R434	321-0380-00		RES., FXD, FILM: 88.7K OHM, 1%, 0.125W	91637	MFF1816G88701F
A8A2R441	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A8A2R444	321-0289-00		RES., FXD, FILM: 10K OHM, 1%, 0.125W	91637	MFF1816G10001F
A8A2R445	321-0289-00		RES., FXD, FILM: 10K OHM, 1%, 0.125W	91637	MFF1816G10001F
A8A2R446	315-0512-00		RES., FXD, CMPSN: 5.1K OHM, 5%, 0.25W	01121	CB5125
A8A2R455	315-0242-00		RES., FXD, CMPSN: 2.4K OHM, 5%, 0.25W	01121	CB2425
A8A2R462	321-0260-00		RES., FXD, FILM: 4.99K OHM, 1%, 0.125W	91637	MFF1816G4990
A8A2R470	321-0193-07		RES., FXD, FILM: 1K OHM, 0.1%, 0.125W	91637	MFF1816C10000B
A8A2R471	321-0193-07		RES., FXD, FILM: 1K OHM, 0.1%, 0.125W	91637	MFF1816C10000B
A8A2R472	321-0073-00		RES., FXD, FILM: 56.2 OHM, 1%, 0.125W	91637	MFF1816G56R20F
A8A2R473	321-0073-00		RES., FXD, FILM: 56.2 OHM, 1%, 0.125W	91637	MFF1816G56R20F
A8A2R480	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A8A2R481	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A8A2R490	321-0193-07		RES., FXD, FILM: 1K OHM, 0.1%, 0.125W	91637	MFF1816C10000B
A8A2R491	321-0193-07		RES., FXD, FILM: 1K OHM, 0.1%, 0.125W	91637	MFF1816C10000B
A8A2R492	321-0073-00		RES., FXD, FILM: 56.2 OHM, 1%, 0.125W	91637	MFF1816G56R20F
A8A2R493	321-0073-00		RES., FXD, FILM: 56.2 OHM, 1%, 0.125W	91637	MFF1816G56R20F
A8A2R494	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A8A2R495	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A8A2R496	315-0622-00		RES., FXD, CMPSN: 6.2K OHM, 5%, 0.25W	01121	CB6225
A8A2R497	308-0836-00		RES., FXD, WW: 1.2 OHM, 5%, 1W FUSIBLE	75042	BW-20F-1.2
A8A2R498	308-0836-00		RES., FXD, WW: 1.2 OHM, 5%, 1W FUSIBLE	75042	BW-20F-1.2
A8A2R500	311-1897-00		RES., VAR, NONWIR: 25K OHM, 10%, 0.50W	32997	3299W-1-253
A8A2R510	321-0222-00		RES., FXD, FILM: 2K OHM, 1%, 0.125W	91637	MFF1816G20000F
A8A2R511	321-0312-00		RES., FXD, FILM: 17.4K OHM, 1%, 0.125W	91637	MFF1816G17401F
A8A2R512	321-0263-00		RES., FXD, FILM: 5.36K OHM, 1%, 0.125W	91637	MFF1816G53600F
A8A2R513	321-0193-00		RES., FXD, FILM: 1K OHM, 1%, 0.125W	91637	MFF1816G10000F
A8A2R514	321-0289-00		RES., FXD, FILM: 10K OHM, 1%, 0.125W	91637	MFF1816G10001F
A8A2R515	321-0205-00		RES., FXD, FILM: 1.33K OHM, 1%, 0.125W	91637	MFF1816G13300F
A8A2R516	321-0205-00		RES., FXD, FILM: 1.33K OHM, 1%, 0.125W	91637	MFF1816G13300F
A8A2R521	311-1897-00		RES., VAR, NONWIR: 25K OHM, 10%, 0.50W	32997	3299W-1-253
A8A2R522	321-0222-00		RES., FXD, FILM: 2K OHM, 1%, 0.125W	91637	MFF1816G20000F
A8A2R523	321-0357-00		RES., FXD, FILM: 51.1K OHM, 1%, 0.125W	91637	MFF1816G51101F
A8A2R524	311-1897-00		RES., VAR, NONWIR: 25K OHM, 10%, 0.50W	32997	3299W-1-253

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A8A2R530	321-0263-00		RES.,FXD,FILM:5.36K OHM,1%,0.125W	91637	MFF1816G53600F
A8A2R531	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A2R532	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A2R533	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A2R534	321-0205-00		RES.,FXD,FILM:1.33K OHM,1%,0.125W	91637	MFF1816G13300F
A8A2R535	321-0205-00		RES.,FXD,FILM:1.33K OHM,1%,0.125W	91637	MFF1816G13300F
A8A2R555	315-0242-00		RES.,FXD,CMPSN:2.4K OHM,5%,0.25W	01121	CB2425
A8A2R560	321-0260-00		RES.,FXD,FILM:4.99K OHM,1%,0.125W	91637	MFF1816G49900F
A8A2R571	321-0193-07		RES.,FXD,FILM:1K OHM,0.1%,0.125W	91637	MFF1816C10000B
A8A2R572	321-0193-07		RES.,FXD,FILM:1K OHM,0.1%,0.125W	91637	MFF1816C10000B
A8A2R573	321-0073-00		RES.,FXD,FILM:56.2 OHM,1%,0.125W	91637	MFF1816G56R20F
A8A2R574	321-0073-00		RES.,FXD,FILM:56.2 OHM,1%,0.125W	91637	MFF1816G56R20F
A8A2R581	315-0103-00		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
A8A2R582	315-0103-00		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
A8A2R594	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A8A2R595	321-1296-07		RES.,FXD,FILM:12K OHM,0.1%,0.125W	91637	MFF1816C12001B
A8A2R596	321-1296-07		RES.,FXD,FILM:12K OHM,0.1%,0.125W	91637	MFF1816C12001B
A8A2R604	321-0393-00		RES.,FXD,FILM:121K OHM,1%,0.125W	91637	MFF1816G12102F
A8A2R610	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A2R611	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A2R614	315-0512-00		RES.,FXD,CMPSN:5.1K OHM,5%,0.25W	01121	CB5125
A8A2R621	321-0318-00		RES.,FXD,FILM:20K OHM,1%,0.125W	91637	MFF1816G20001F
A8A2R623	321-0306-00		RES.,FXD,FILM:15K OHM,1%,0.125W	91637	MFF1816G15001F
A8A2R624	311-1897-00		RES.,VAR,NONWIR:25K OHM,10%,0.50W	32997	3299W-1-253
A8A2R625	311-1897-00		RES.,VAR,NONWIR:25K OHM,10%,0.50W	32997	3299W-1-253
A8A2R630	321-0233-00		RES.,FXD,FILM:2.61K OHM,1%,0.125W	91637	MFF1816G26100F
A8A2R631	321-0233-00		RES.,FXD,FILM:2.61K OHM,1%,0.125W	91637	MFF1816G26100F
A8A2R632	321-0306-00		RES.,FXD,FILM:15K OHM,1%,0.125W	91637	MFF1816G15001F
A8A2R633	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A2R634	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A2R636	321-0345-00		RES.,FXD,FILM:38.3K OHM,1%,0.125W	91637	MFF1816G38301F
A8A2R640	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A2R642	315-0512-00		RES.,FXD,CMPSN:5.1K OHM,5%,0.25W	01121	CB5125
A8A2R643	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A2R644	315-0512-00		RES.,FXD,CMPSN:5.1K OHM,5%,0.25W	01121	CB5125
A8A2R701	321-0393-00		RES.,FXD,FILM:121K OHM,1%,0.125W	91637	MFF1816G12102F
A8A2R702	315-0112-00		RES.,FXD,CMPSN:1.1K OHM,5%,0.25W	01121	CB1125
A8A2R703	315-0363-00		RES.,FXD,CMPSN:36K OHM,5%,0.25W	01121	CB3635
A8A2R713	315-0112-00		RES.,FXD,CMPSN:1.1K OHM,5%,0.25W	01121	CB1125
A8A2R723	311-1897-00		RES.,VAR,NONWIR:25K OHM,10%,0.50W	32997	3299W-1-253
A8A2R724	321-0393-00		RES.,FXD,FILM:121K OHM,1%,0.125W	91637	MFF1816G12102F
A8A2R725	321-0222-00		RES.,FXD,FILM:2K OHM,1%,0.125W	91637	MFF1816G20000F
A8A2R730	321-0333-00		RES.,FXD,FILM:28.7K OHM,1%,0.125W	91637	MFF1816G28701F
A8A2R731	321-0263-00		RES.,FXD,FILM:5.36K OHM,1%,0.125W	91637	MFF1816G53600F
A8A2R732	321-0193-00		RES.,FXD,FILM:1K OHM,1%,0.125W	91637	MFF1816G10000F
A8A2R733	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A8A2R734	321-0205-00		RES.,FXD,FILM:1.33K OHM,1%,0.125W	91637	MFF1816G13300F
A8A2R735	321-0205-00		RES.,FXD,FILM:1.33K OHM,1%,0.125W	91637	MFF1816G13300F
A8A2R805	311-1896-00		RES.,VAR,NONWIR:5K OHM,10%,0.50W	32997	3299W-1-502
A8A2R815	321-0277-00		RES.,FXD,FILM:7.5K OHM,1%,0.125W	91637	MFF1816G75000F
A8A2R816	321-0325-00		RES.,FXD,FILM:23.7K OHM,1%,0.125W	91637	MFF1816G23701F
A8A2R817	315-0512-00		RES.,FXD,CMPSN:5.1K OHM,5%,0.25W	01121	CB5125
A8A2R821	315-0152-00		RES.,FXD,CMPSN:1.5K OHM,5%,0.25W	01121	CB1525
A8A2R822	315-0152-00		RES.,FXD,CMPSN:1.5K OHM,5%,0.25W	01121	CB1525
A8A2R825	311-2126-00		RES.,VAR,NONWIR:10K OHM,20%,0.5W,DPST	01121	20M704
A8A2R828	321-0193-00		RES.,FXD,FILM:1K OHM,1%,0.125W	91637	MFF1816G10000F
A8A2R829	315-0122-00		RES.,FXD,CMPSN:1.2K OHM,5%,0.25W	01121	CB1225

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A8A2R830	321-0193-00		RES., FXD, FILM: 1K OHM, 1%, 0.125W	91637	MFF1816G10000F
A8A2R833	311-2126-00		RES., VAR, NONWIR: 10K OHM, 20%, 0.5W, DPST	01121	20M704
A8A2TP100	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A8A2TP101	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A8A2TP137	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A8A2TP141	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A8A2TP161	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A8A2TP162	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A8A2TP176	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A8A2TP177	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A8A2TP178	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A8A2TP229	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A8A2TP235	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A8A2TP243	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A8A2TP251	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A8A2TP253	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A8A2TP272	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A8A2TP276	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A8A2TP277	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A8A2TP294	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A8A2TP295	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A8A2TP296	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A8A2TP297	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A8A2TP298	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A8A2TP320	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A8A2TP345	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A8A2TP350	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A8A2TP360	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A8A2TP395	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A8A2TP396	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A8A2TP397	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A8A2TP420	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A8A2TP434	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A8A2TP441	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A8A2TP465	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A8A2TP481	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A8A2TP500	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A8A2TP501	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A8A2TP522	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A8A2TP523	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A8A2TP581	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A8A2TP582	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A8A2TP592	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A8A2TP593	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A8A2TP594	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A8A2TP611	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A8A2TP635	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A8A2TP650	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A8A2TP693	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A8A2TP929	214-0579-00		TERM, TEST POINT: BRS CD PL	80009	214-0579-00
A8A2U125	156-0407-02		MICROCIRCUIT, LI: 4 QUAD MULTI-SCREENED	04713	MC1495LDS
A8A2U130	156-0158-03		MICROCIRCUIT, LI: DUAL OPNL AMPL, CHK	80009	156-0158-03
A8A2U150	156-0407-02		MICROCIRCUIT, LI: 4 QUAD MULTI-SCREENED	04713	MC1495LDS
A8A2U160	156-0742-02		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER, SEL	01295	LM318P3
A8A2U175	156-0644-03		MICROCIRCUIT, DI: QUAD BILATERAL SW, BURN-IN	04713	MC14066BCLD
A8A2U185	156-0742-02		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER, SEL	01295	LM318P3
A8A2U189	156-0742-02		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER, SEL	01295	LM318P3

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A8A2U192	156-0742-02		MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER,SEL	01295	LM318P3
A8A2U195	156-0742-02		MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER,SEL	01295	LM318P3
A8A2U217	156-0407-02		MICROCIRCUIT,LI:4 QUAD MULTI-SCREENED	04713	MC1495LDS
A8A2U220	156-0158-03		MICROCIRCUIT,LI:DUAL OPNL AMPL,CHK	80009	156-0158-03
A8A2U235	156-0407-02		MICROCIRCUIT,LI:4 QUAD MULTI-SCREENED	04713	MC1495LDS
A8A2U237	156-0158-03		MICROCIRCUIT,LI:DUAL OPNL AMPL,CHK	80009	156-0158-03
A8A2U253	156-1226-00		MICROCIRCUIT,LI:DUAL COMPARATOR,14 DIP	34335	AM319D
A8A2U261	156-1226-00		MICROCIRCUIT,LI:DUAL COMPARATOR,14 DIP	34335	AM319D
A8A2U271	156-0644-03		MICROCIRCUIT,DI:QUAD BILATERAL SW,BURN-IN	04713	MC14066BCLD
A8A2U275	156-0742-02		MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER,SEL	01295	LM318P3
A8A2U290	156-0742-02		MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER,SEL	01295	LM318P3
A8A2U291	156-0742-02		MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER,SEL	01295	LM318P3
A8A2U292	156-0742-02		MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER,SEL	01295	LM318P3
A8A2U360	156-0644-03		MICROCIRCUIT,DI:QUAD BILATERAL SW,BURN-IN	04713	MC14066BCLD
A8A2U370	156-0158-03		MICROCIRCUIT,LI:DUAL OPNL AMPL,CHK	80009	156-0158-03
A8A2U414	156-0407-02		MICROCIRCUIT,LI:4 QUAD MULTI-SCREENED	04713	MC1495LDS
A8A2U416	156-0742-02		MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER,SEL	01295	LM318P3
A8A2U427	156-0407-02		MICROCIRCUIT,LI:4 QUAD MULTI-SCREENED	04713	MC1495LDS
A8A2U435	156-0317-00		MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	34371	HA2-2625-5
A8A2U441	156-0742-02		MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER,SEL	01295	LM318P3
A8A2U456	156-0742-02		MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER,SEL	01295	LM318P3
A8A2U542	156-0742-02		MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER,SEL	01295	LM318P3
A8A2U560	156-0742-02		MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER,SEL	01295	LM318P3
A8A2U595	156-0067-13		MICROCIRCUIT,LI:OPNL AMPL,SELECTED	04713	MC1741CUDS
A8A2U612	156-0742-02		MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER,SEL	01295	LM318P3
A8A2U637	156-0407-02		MICROCIRCUIT,LI:4 QUAD MULTI-SCREENED	04713	MC1495LDS
A8A2U638	156-0742-02		MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER,SEL	01295	LM318P3
A8A2U712	156-0742-02		MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER,SEL	01295	LM318P3
A8A2W105	131-0566-00		BUS CONDUCTOR:DUMMY RES,2.375,22 AWG	55210	L-2007-1
A8A2W351	131-0566-00		BUS CONDUCTOR:DUMMY RES,2.375,22 AWG	55210	L-2007-1
A8A2W501	131-0566-00		BUS CONDUCTOR:DUMMY RES,2.375,22 AWG	55210	L-2007-1
A8A2W700	131-0566-00		BUS CONDUCTOR:DUMMY RES,2.375,22 AWG	55210	L-2007-1

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A9A1	-----		CKT BOARD ASSY:RASTER CONTROL	72982	8005D9AABZ5U104M
A9A1C120	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104M
A9A1C130	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	301-000C0J0399C
A9A1C131	281-0593-00		CAP.,FXD,CER DI:3.9PF,10%,500V	72982	8005D9AABZ5U104M
A9A1C140	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	56289	502D230
A9A1C210	290-0770-00		CAP.,FXD,ELCTLT:100UF,+50-10%,25V	56289	502D230
A9A1C211	290-0770-00		CAP.,FXD,ELCTLT:100UF,+50-10%,25V	54473	ECE-A50N1
A9A1C220	290-0778-00		CAP.,FXD,ELCTLT:1UF,+50-10%,50V	72982	8005D9AABZ5U104M
A9A1C221	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	00853	D155E750J0
A9A1C222	283-0616-00		CAP.,FXD,MICA D:75PF,5%,500V	72982	8005D9AABZ5U104M
A9A1C223	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104M
A9A1C230	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104M
A9A1C231	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104M
A9A1C240	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	00853	D155E750J0
A9A1C241	283-0616-00		CAP.,FXD,MICA D:75PF,5%,500V	54473	ECE-A50N1
A9A1C242	290-0778-00		CAP.,FXD,ELCTLT:1UF,+50-10%,50V	72982	8005D9AABZ5U104M
A9A1C243	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	54473	ECE-A50N1
A9A1C250	290-0778-00		CAP.,FXD,ELCTLT:1UF,+50-10%,50V	72982	8005D9AABZ5U104M
A9A1C251	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104M
A9A1C252	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	54473	ECE-A50N1
A9A1C310	290-0778-00		CAP.,FXD,ELCTLT:1UF,+50-10%,50V	00853	D153F551E0
A9A1C330	283-0689-00		CAP.,FXD,MICA D:550PF,0.5%,300V	72982	8005D9AABZ5U104M
A9A1C331	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	54473	ECE-A50N1
A9A1C340	290-0778-00		CAP.,FXD,ELCTLT:1UF,+50-10%,50V	72982	8005D9AABZ5U104M
A9A1C341	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	00853	D153F551E0
A9A1C342	283-0689-00		CAP.,FXD,MICA D:550PF,0.5%,300V	72982	8131N075E474M
A9A1C350	283-0203-00		CAP.,FXD,CER DI:0.47UF,20%,50V	72982	8005D9AABZ5U104M
A9A1C352	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	55680	25ULA10V-T
A9A1C353	290-0804-00		CAP.,FXD,ELCTLT:10UF,+50-10%,25V	56289	502D230
A9A1C410	290-0770-00		CAP.,FXD,ELCTLT:100UF,+50-10%,25V	56289	502D230
A9A1C411	290-0770-00		CAP.,FXD,ELCTLT:100UF,+50-10%,25V	72982	8131N075E474M
A9A1C420	283-0203-00		CAP.,FXD,CER DI:0.47UF,20%,50V	72982	8005D9AABZ5U104M
A9A1C430	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	00853	D151C100D0
A9A1C440	283-0648-00		CAP.,FXD,MICA D:10PF,5%,100V	00853	D151C100D0
A9A1C441	283-0648-00		CAP.,FXD,MICA D:10PF,5%,100V	72982	8005D9AABZ5U104M
A9A1C442	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104M
A9A1C443	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104M
A9A1C450	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104M
A9A1C451	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	56289	502D230
A9A1C510	290-0770-00		CAP.,FXD,ELCTLT:100UF,+50-10%,25V	54473	ECE-A50N1
A9A1C520	290-0778-00		CAP.,FXD,ELCTLT:1UF,+50-10%,50V	72982	8005D9AABZ5U104M
A9A1C521	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	805-509B152J
A9A1C522	283-0114-00		CAP.,FXD,CER DI:0.0015UF,5%,200V	54473	ECE-A50N1
A9A1C530	290-0778-00		CAP.,FXD,ELCTLT:1UF,+50-10%,50V	56289	30D472
A9A1C531	290-0290-00		CAP.,FXD,ELCTLT:10UF,20%,25V	56289	503D475G035AS
A9A1C532	290-0782-00		CAP.,FXD,ELCTLT:4.7UF,+75-10%,35V	55680	25ULA10V-T
A9A1C540	290-0804-00		CAP.,FXD,ELCTLT:10UF,+50-10%,25V	72982	8005D9AABZ5U104M
A9A1C541	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104M
A9A1C542	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104M
A9A1C543	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104M
A9A1C550	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104M
A9A1C551	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104M
A9A1C630	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104M
A9A1C631	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104M
A9A1C632	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104M
A9A1C633	283-0164-00		CAP.,FXD,CER DI:2.2UF,20%,25V	54473	8141N037Z5U0225
A9A1C634	290-0778-00		CAP.,FXD,ELCTLT:1UF,+50-10%,50V	54473	ECE-A50N1

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A9A1C640	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A9A1C641	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A9A1C650	290-0778-00		CAP., FXD, ELCTLT:1UF, +50-10%, 50V	54473	ECE-A50N1
A9A1C651	290-0290-00		CAP., FXD, ELCTLT:10UF, 20%, 25V	56289	30D472
A9A1C721	285-0905-00		CAP., FXD, PLSTC:0.33UF, 5%, 50V	56289	LP66A1A334J002
A9A1C730	285-1062-00		CAP., FXD, PLSTC:0.005UF, 0.1%, 200V	19396	502F02PP460
A9A1C731	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A9A1C732	283-0190-00		CAP., FXD, CER DI:0.47UF, 5%, 50V	72982	8141N077X7R0474J
A9A1C740	283-0603-00		CAP., FXD, MICA D:113PF, 2%, 300V	00853	D153F1130G0
A9A1C750	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A9A1C751	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A9A1C752	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A9A1C830	283-0110-00		CAP., FXD, CER DI:0.005UF, +80-20%, 150V	56289	19C242B
A9A1C840	290-0290-00		CAP., FXD, ELCTLT:10UF, 20%, 25V	56289	30D472
A9A1C841	285-0918-00		CAP., FXD, PLSTC:0.001UF, 5%, 200 V	56289	LP66A1C102J002
A9A1C842	283-0603-00		CAP., FXD, MICA D:113PF, 2%, 300V	00853	D153F1130G0
A9A1C843	283-0164-00		CAP., FXD, CER DI:2.2UF, 20%, 25V	72982	8141N037Z5U0225M
A9A1C850	285-0918-00		CAP., FXD, PLSTC:0.001UF, 5%, 200 V	56289	LP66A1C102J002
A9A1C851	290-0778-00		CAP., FXD, ELCTLT:1UF, +50-10%, 50V	54473	ECE-A50N1
A9A1C920	290-0778-00		CAP., FXD, ELCTLT:1UF, +50-10%, 50V	54473	ECE-A50N1
A9A1C930	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A9A1C931	283-0603-00		CAP., FXD, MICA D:113PF, 2%, 300V	00853	D153F1130G0
A9A1C940	290-0778-00		CAP., FXD, ELCTLT:1UF, +50-10%, 50V	54473	ECE-A50N1
A9A1C950	285-0595-00		CAP., FXD, PLSTC:0.1UF, 1%, 100V	84171	P1270-1
A9A1CR120	152-0141-02		SEMICONV DEVICE:SILICON, 30V, 150MA	01295	1N4152R
A9A1CR150	152-0246-01		SEMICONV DEVICE:SW, SI, 40V, 200MA, TESTED	80009	152-0246-01
A9A1CR241	152-0141-02		SEMICONV DEVICE:SILICON, 30V, 150MA	01295	1N4152R
A9A1CR242	152-0246-01		SEMICONV DEVICE:SW, SI, 40V, 200MA, TESTED	80009	152-0246-01
A9A1CR250	152-0141-02		SEMICONV DEVICE:SILICON, 30V, 150MA	01295	1N4152R
A9A1CR340	152-0141-02		SEMICONV DEVICE:SILICON, 30V, 150MA	01295	1N4152R
A9A1CR341	152-0141-02		SEMICONV DEVICE:SILICON, 30V, 150MA	01295	1N4152R
A9A1CR342	152-0141-02		SEMICONV DEVICE:SILICON, 30V, 150MA	01295	1N4152R
A9A1CR343	152-0141-02		SEMICONV DEVICE:SILICON, 30V, 150MA	01295	1N4152R
A9A1CR430	152-0141-02		SEMICONV DEVICE:SILICON, 30V, 150MA	01295	1N4152R
A9A1CR431	152-0141-02		SEMICONV DEVICE:SILICON, 30V, 150MA	01295	1N4152R
A9A1CR520	152-0141-02		SEMICONV DEVICE:SILICON, 30V, 150MA	01295	1N4152R
A9A1CR521	152-0141-02		SEMICONV DEVICE:SILICON, 30V, 150MA	01295	1N4152R
A9A1CR530	152-0141-02		SEMICONV DEVICE:SILICON, 30V, 150MA	01295	1N4152R
A9A1CR540	152-0141-02		SEMICONV DEVICE:SILICON, 30V, 150MA	01295	1N4152R
A9A1CR550	152-0141-02		SEMICONV DEVICE:SILICON, 30V, 150MA	01295	1N4152R
A9A1CR551	152-0141-02		SEMICONV DEVICE:SILICON, 30V, 150MA	01295	1N4152R
A9A1CR640	152-0141-02		SEMICONV DEVICE:SILICON, 30V, 150MA	01295	1N4152R
A9A1CR641	152-0141-02		SEMICONV DEVICE:SILICON, 30V, 150MA	01295	1N4152R
A9A1CR720	152-0141-02		SEMICONV DEVICE:SILICON, 30V, 150MA	01295	1N4152R
A9A1CR730	152-0141-02		SEMICONV DEVICE:SILICON, 30V, 150MA	01295	1N4152R
A9A1CR740	152-0141-02		SEMICONV DEVICE:SILICON, 30V, 150MA	01295	1N4152R
A9A1CR741	152-0141-02		SEMICONV DEVICE:SILICON, 30V, 150MA	01295	1N4152R
A9A1CR820	152-0141-02		SEMICONV DEVICE:SILICON, 30V, 150MA	01295	1N4152R
A9A1CR821	152-0141-02		SEMICONV DEVICE:SILICON, 30V, 150MA	01295	1N4152R
A9A1CR830	152-0141-02		SEMICONV DEVICE:SILICON, 30V, 150MA	01295	1N4152R
A9A1CR831	152-0141-02		SEMICONV DEVICE:SILICON, 30V, 150MA	01295	1N4152R
A9A1CR920	152-0141-02		SEMICONV DEVICE:SILICON, 30V, 150MA	01295	1N4152R
A9A1CR921	152-0141-02		SEMICONV DEVICE:SILICON, 30V, 150MA	01295	1N4152R
A9A1CR930	152-0141-02		SEMICONV DEVICE:SILICON, 30V, 150MA	01295	1N4152R
A9A1CR931	152-0141-02		SEMICONV DEVICE:SILICON, 30V, 150MA	01295	1N4152R
A9A1CR940	152-0141-02		SEMICONV DEVICE:SILICON, 30V, 150MA	01295	1N4152R
A9A1CR941	152-0141-02		SEMICONV DEVICE:SILICON, 30V, 150MA	01295	1N4152R

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Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A9A1J820	131-0608-00		TERMINAL,PIN:0.365 L X 0.025 PH BRZ GOLD	22526	47357
A9A1Q140	151-0232-00		TRANSISTOR:SILICON,NPN,DUAL	80009	151-0232-00
A9A1Q220	151-0508-01		TRANSISTOR:UJT,ST,2N6027,TO-68 BLE	80009	151-0508-01
A9A1Q230	151-0192-03		TRANSISTOR:SILICON,NPN	80009	151-0192-03
A9A1Q240	151-0192-03		TRANSISTOR:SILICON,NPN	80009	151-0192-03
A9A1Q420	151-0232-00		TRANSISTOR:SILICON,NPN,DUAL	80009	151-0232-00
A9A1Q421	151-0261-00		TRANSISTOR:SILICON,PNP,DUAL	80009	151-0261-00
A9A1Q540	151-0302-01		TRANSISTOR:NPN,SI(SEL FROM 2N222A)	80009	151-0302-01
A9A1Q740	151-0232-00		TRANSISTOR:SILICON,NPN,DUAL	80009	151-0232-00
A9A1Q820	151-0302-01		TRANSISTOR:NPN,SI(SEL FROM 2N222A)	80009	151-0302-01
A9A1Q821	151-0192-03		TRANSISTOR:SILICON,NPN	80009	151-0192-03
A9A1Q823	151-0508-01		TRANSISTOR:UJT,ST,2N6027,TO-68 BLE	80009	151-0508-01
A9A1R120	321-0280-00		RES.,FXD,FILM:8.06K OHM,1%,0.125W	91637	MFF1816G80600F
A9A1R121	321-0205-00		RES.,FXD,FILM:1.33K OHM,1%,0.125W	91637	MFF1816G13300F
A9A1R122	315-0684-00		RES.,FXD,CMPSN:680K OHM,5%,0.25W	01121	CB6845
A9A1R123	315-0103-00		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
A9A1R130	315-0101-00		RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
A9A1R131	315-0474-00		RES.,FXD,CMPSN:470K OHM,5%,0.25W	01121	CB4745
A9A1R140	321-0348-00		RES.,FXD,FILM:41.2K OHM,1%,0.125W	91637	MFF1816G41201F
A9A1R141	321-0322-00		RES.,FXD,FILM:22.1K OHM,1%,0.125W	91637	MFF1816G22101F
A9A1R142	321-0322-00		RES.,FXD,FILM:22.1K OHM,1%,0.125W	91637	MFF1816G22101F
A9A1R143	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
A9A1R144	315-0620-00		RES.,FXD,CMPSN:62 OHM,5%,0.25W	01121	CB6205
A9A1R145	311-1227-00		RES.,VAR,NONWIR:5K OHM,20%,0.50W	32997	3386F-T04-502
A9A1R150	315-0101-00		RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
A9A1R151	315-0224-00		RES.,FXD,CMPSN:220K OHM,5%,0.25W	01121	CB2245
A9A1R152	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
A9A1R153	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
A9A1R210	308-0836-00		RES.,FXD,WW:1.2 OHM,5%,1W FUSIBLE	75042	BW-20F-1.2
A9A1R211	308-0836-00		RES.,FXD,WW:1.2 OHM,5%,1W FUSIBLE	75042	BW-20F-1.2
A9A1R220	315-0104-00		RES.,FXD,CMPSN:100K OHM,5%,0.25W	01121	CB1045
A9A1R221	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
A9A1R222	315-0682-00		RES.,FXD,CMPSN:6.8K OHM,5%,0.25W	01121	CB6825
A9A1R223	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A9A1R230	321-0347-00		RES.,FXD,FILM:40.2K OHM,1%,0.125W	91637	MFF1816G40201F
A9A1R231	315-0512-00		RES.,FXD,CMPSN:5.1K OHM,5%,0.25W	01121	CB5125
A9A1R240	311-1227-00		RES.,VAR,NONWIR:5K OHM,20%,0.50W	32997	3386F-T04-502
A9A1R241	315-0621-00		RES.,FXD,CMPSN:620 OHM,5%,0.25W	01121	CB6215
A9A1R242	315-0682-00		RES.,FXD,CMPSN:6.8K OHM,5%,0.25W	01121	CB6825
A9A1R243	315-0224-00		RES.,FXD,CMPSN:220K OHM,5%,0.25W	01121	CB2245
A9A1R250	321-0242-00		RES.,FXD,FILM:3.24K OHM,1%,0.125W	91637	MFF1816G32400F
A9A1R251	321-0349-00		RES.,FXD,FILM:42.2K OHM,1%,0.125W	91637	MFF1816G42201F
A9A1R252	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
A9A1R253	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
A9A1R254	315-0104-00		RES.,FXD,CMPSN:100K OHM,5%,0.25W	01121	CB1045
A9A1R310	308-0836-00		RES.,FXD,WW:1.2 OHM,5%,1W FUSIBLE	75042	BW-20F-1.2
A9A1R320	307-0103-00		RES.,FXD,CMPSN:2.7 OHM,5%,0.25W	01121	CB27G5
A9A1R321	315-0103-00		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
A9A1R322	315-0913-00		RES.,FXD,CMPSN:91K OHM,5%,0.25W	01121	CB9135
A9A1R323	321-0345-00		RES.,FXD,FILM:38.3K OHM,1%,0.125W	91637	MFF1816G38301F
A9A1R324	311-1231-00		RES.,VAR,NONWIR:25K OHM,20%,0.50W	32997	3386F-T04-253
A9A1R325	321-0322-00		RES.,FXD,FILM:22.1K OHM,1%,0.125W	91637	MFF1816G22101F
A9A1R330	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A9A1R340	321-0294-00		RES.,FXD,FILM:11.3K OHM,1%,0.125W	91637	MFF1816G11301F
A9A1R341	321-0268-00		RES.,FXD,FILM:6.04K OHM,1%,0.125W	91637	MFF1816G60400F
A9A1R350	321-0299-00		RES.,FXD,FILM:12.7K OHM,1%,0.125W	91637	MFF1816G12701F
A9A1R351	311-1238-00		RES.,VAR,NONWIR:5K OHM,10%,0.50W	73138	72-27-0

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Component No.	Tektronix Part No.	Serial/Model No. Eff Dscnt	Name & Description	Mfr Code	Mfr Part Number
A9A1R352	321-0241-00		RES., FXD, FILM: 3.16K OHM, 1%, 0.125W	91637	MFF1816G31600F
A9A1R410	308-0836-00		RES., FXD, WW: 1.2 OHM, 5%, 1W FUSIBLE	75042	BW-20F-1.2
A9A1R420	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A9A1R421	315-0620-00		RES., FXD, CMPSN: 62 OHM, 5%, 0.25W	01121	CB6205
A9A1R422	315-0512-00		RES., FXD, CMPSN: 5.1K OHM, 5%, 0.25W	01121	CB5125
A9A1R423	315-0620-00		RES., FXD, CMPSN: 62 OHM, 5%, 0.25W	01121	CB6205
A9A1R424	315-0513-00		RES., FXD, CMPSN: 51K OHM, 5%, 0.25W	01121	CB5135
A9A1R425	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A9A1R430	321-0386-00		RES., FXD, FILM: 102K OHM, 1%, 0.125W	91637	MFF1816G10202F
A9A1R431	321-0298-00		RES., FXD, FILM: 12.4K OHM, 1%, 0.125W	91637	MFF1816G12401F
A9A1R432	311-1228-00		RES., VAR, NONWIR: 10K OHM, 20%, 0.50W	32997	3386F-T04-103
A9A1R433	321-0253-00		RES., FXD, FILM: 4.22K OHM, 1%, 0.125W	91637	MFF1816G42200F
A9A1R440	321-0365-00		RES., FXD, FILM: 61.9K OHM, 1%, 0.125W	91637	MFF1816G61901F
A9A1R441	321-0365-00		RES., FXD, FILM: 61.9K OHM, 1%, 0.125W	91637	MFF1816G61901F
A9A1R442	321-0269-00		RES., FXD, FILM: 6.19K OHM, 1%, 0.125W	91637	MFF1816G61900F
A9A1R443	321-0269-00		RES., FXD, FILM: 6.19K OHM, 1%, 0.125W	91637	MFF1816G61900F
A9A1R444	321-0269-00		RES., FXD, FILM: 6.19K OHM, 1%, 0.125W	91637	MFF1816G61900F
A9A1R445	321-0268-00		RES., FXD, FILM: 6.04K OHM, 1%, 0.125W	91637	MFF1816G60400F
A9A1R446	321-0269-00		RES., FXD, FILM: 6.19K OHM, 1%, 0.125W	91637	MFF1816G61900F
A9A1R447	321-0268-00		RES., FXD, FILM: 6.04K OHM, 1%, 0.125W	91637	MFF1816G60400F
A9A1R450	321-0342-00		RES., FXD, FILM: 35.7K OHM, 1%, 0.125W	91637	MFF1816G35701F
A9A1R451	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A9A1R452	321-0269-00		RES., FXD, FILM: 6.19K OHM, 1%, 0.125W	91637	MFF1816G61900F
A9A1R453	321-0269-00		RES., FXD, FILM: 6.19K OHM, 1%, 0.125W	91637	MFF1816G61900F
A9A1R454	311-1238-00		RES., VAR, NONWIR: 5K OHM, 10%, 0.50W	73138	72-27-0
A9A1R455	321-0341-00		RES., FXD, FILM: 34.8K OHM, 1%, 0.125W	91637	MFF1816G34801F
A9A1R510	308-0836-00		RES., FXD, WW: 1.2 OHM, 5%, 1W FUSIBLE	75042	BW-20F-1.2
A9A1R520	315-0512-00		RES., FXD, CMPSN: 5.1K OHM, 5%, 0.25W	01121	CB5125
A9A1R521	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A9A1R522	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A9A1R530	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A9A1R531	315-0162-00		RES., FXD, CMPSN: 1.6K OHM, 5%, 0.25W	01121	CB1625
A9A1R532	321-0254-00		RES., FXD, FILM: 4.32K OHM, 1%, 0.125W	91637	MFF1816G43200F
A9A1R533	321-0241-00		RES., FXD, FILM: 3.16K OHM, 1%, 0.125W	91637	MFF1816G31600F
A9A1R540	321-0344-00		RES., FXD, FILM: 37.4K OHM, 1%, 0.125W	91637	MFF1816G37401F
A9A1R541	321-0335-00		RES., FXD, FILM: 30.1K OHM, 1%, 0.125W	91637	MFF1816G30101F
A9A1R542	321-0294-00		RES., FXD, FILM: 11.3K OHM, 1%, 0.125W	91637	MFF1816G11301F
A9A1R543	321-0208-00		RES., FXD, FILM: 1.43K OHM, 1%, 0.125W	91637	MFF1816G14300F
A9A1R544	315-0620-00		RES., FXD, CMPSN: 62 OHM, 5%, 0.25W	01121	CB6205
A9A1R545	315-0913-00		RES., FXD, CMPSN: 91K OHM, 5%, 0.25W	01121	CB9135
A9A1R546	321-0345-00		RES., FXD, FILM: 38.3K OHM, 1%, 0.125W	91637	MFF1816G38301F
A9A1R550	321-0268-00		RES., FXD, FILM: 6.04K OHM, 1%, 0.125W	91637	MFF1816G60400F
A9A1R551	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A9A1R552	321-0327-00		RES., FXD, FILM: 24.9K OHM, 1%, 0.125W	91637	MFF1816G24901F
A9A1R553	321-0322-00		RES., FXD, FILM: 22.1K OHM, 1%, 0.125W	91637	MFF1816G22101F
A9A1R554	311-1256-00		RES., VAR, NONWIR: 2.5M OHM, 20%, 0.50W	73138	72-78-0
A9A1R556	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A9A1R620	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A9A1R621	321-0216-00		RES., FXD, FILM: 1.74K OHM, 1%, 0.125W	91637	MFF1816G17400F
A9A1R622	321-0314-00		RES., FXD, FILM: 18.2K OHM, 1%, 0.125W	91637	MFF1816G18201F
A9A1R623	321-0280-00		RES., FXD, FILM: 8.06K OHM, 1%, 0.125W	91637	MFF1816G80600F
A9A1R624	315-0473-00		RES., FXD, CMPSN: 47K OHM, 5%, 0.25W	01121	CB4735
A9A1R630	315-0153-00		RES., FXD, CMPSN: 15K OHM, 5%, 0.25W	01121	CB1535
A9A1R631	321-0342-00		RES., FXD, FILM: 35.7K OHM, 1%, 0.125W	91637	MFF1816G35701F
A9A1R633	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A9A1R634	321-0251-00		RES., FXD, FILM: 4.02K OHM, 1%, 0.125W	91637	MFF1816G40200F
A9A1R635	315-0105-00		RES., FXD, CMPSN: 1M OHM, 5%, 0.25W	01121	CB1055

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A9A1R636	321-0289-00		RES., FXD, FILM: 10K OHM, 1%, 0.125W	91637	MFF1816G10001F
A9A1R640	311-1231-00		RES., VAR, NONWIR: 25K OHM, 20%, 0.50W	32997	3386F-T04-253
A9A1R641	321-0298-00		RES., FXD, FILM: 12.4K OHM, 1%, 0.125W	91637	MFF1816G12401F
A9A1R642	321-0386-00		RES., FXD, FILM: 102K OHM, 1%, 0.125W	91637	MFF1816G10202F
A9A1R643	321-0254-00		RES., FXD, FILM: 4.32K OHM, 1%, 0.125W	91637	MFF1816G43200F
A9A1R644	321-0289-00		RES., FXD, FILM: 10K OHM, 1%, 0.125W	91637	MFF1816G10001F
A9A1R650	315-0332-00		RES., FXD, CMPSN: 3.3K OHM, 5%, 0.25W	01121	CB3325
A9A1R651	311-1245-00		RES., VAR, NONWIR: 10K OHM, 10%, 0.50W	73138	72-28-0
A9A1R652	311-1240-00		RES., VAR, NONWIR: 25K OHM, 10%, 0.50W	73138	72-30-0
A9A1R720	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A9A1R721	307-0105-00		RES., FXD, CMPSN: 3.9 OHM, 5%, 0.25W	01121	CB39G5
A9A1R722	321-0344-00		RES., FXD, FILM: 37.4K OHM, 1%, 0.125W	91637	MFF1816G37401F
A9A1R730	315-0752-00		RES., FXD, CMPSN: 7.5K OHM, 5%, 0.25W	01121	CB7525
A9A1R740	321-0223-00		RES., FXD, FILM: 2.05K OHM, 1%, 0.125W	91637	MFF1816G20500F
A9A1R741	321-0289-00		RES., FXD, FILM: 10K OHM, 1%, 0.125W	91637	MFF1816G10001F
A9A1R742	321-0338-00		RES., FXD, FILM: 32.4K OHM, 1%, 0.125W	91637	MFF1816G32401F
A9A1R743	321-0385-00		RES., FXD, FILM: 100K OHM, 1%, 0.125W	91637	MFF1816G10002F
A9A1R744	315-0332-00		RES., FXD, CMPSN: 3.3K OHM, 5%, 0.25W	01121	CB3325
A9A1R745	315-0821-00		RES., FXD, CMPSN: 820 OHM, 5%, 0.25W	01121	CB8215
A9A1R746	315-0752-00		RES., FXD, CMPSN: 7.5K OHM, 5%, 0.25W	01121	CB7525
A9A1R747	315-0274-00		RES., FXD, CMPSN: 270K OHM, 5%, 0.25W	01121	CB2745
A9A1R748	315-0620-00		RES., FXD, CMPSN: 62 OHM, 5%, 0.25W	01121	CB6205
A9A1R750	321-0338-00		RES., FXD, FILM: 32.4K OHM, 1%, 0.125W	91637	MFF1816G32401F
A9A1R751	321-0356-00		RES., FXD, FILM: 49.9K OHM, 1%, 0.125W	91637	MFF1816G49901F
A9A1R752	321-0289-00		RES., FXD, FILM: 10K OHM, 1%, 0.125W	91637	MFF1816G10001F
A9A1R753	321-0275-00		RES., FXD, FILM: 7.15K OHM, 1%, 0.125W	91637	MFF1816G71500F
A9A1R754	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A9A1R755	311-1239-00		RES., VAR, NONWIR: 2.5K OHM, 10%, 0.50W	73138	72X-76-0-252K
A9A1R820	315-0434-00		RES., FXD, CMPSN: 430K OHM, 5%, 0.25W	01121	CB4345
A9A1R821	315-0753-00		RES., FXD, CMPSN: 75K OHM, 5%, 0.25W	01121	CB7535
A9A1R823	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A9A1R824	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A9A1R825	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A9A1R826	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A9A1R827	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A9A1R830	315-0271-00		RES., FXD, CMPSN: 270 OHM, 5%, 0.25W	01121	CB2715
A9A1R831	321-0395-00		RES., FXD, FILM: 127K OHM, 1%, 0.125W	91637	MFF1816G12702F
A9A1R832	315-0163-00		RES., FXD, CMPSN: 16K OHM, 5%, 0.25W	01121	CB1635
A9A1R833	315-0113-00		RES., FXD, CMPSN: 11K OHM, 5%, 0.25W	01121	CB1135
A9A1R834	315-0113-00		RES., FXD, CMPSN: 11K OHM, 5%, 0.25W	01121	CB1135
A9A1R835	315-0153-00		RES., FXD, CMPSN: 15K OHM, 5%, 0.25W	01121	CB1535
A9A1R836	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A9A1R837	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A9A1R840	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A9A1R841	315-0152-00		RES., FXD, CMPSN: 1.5K OHM, 5%, 0.25W	01121	CB1525
A9A1R842	315-0133-00		RES., FXD, CMPSN: 13K OHM, 5%, 0.25W	01121	CB1335
A9A1R843	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A9A1R850	321-0275-00		RES., FXD, FILM: 7.15K OHM, 1%, 0.125W	91637	MFF1816G71500F
A9A1R851	315-0272-00		RES., FXD, CMPSN: 2.7K OHM, 5%, 0.25W	01121	CB2725
A9A1R852	321-0285-00		RES., FXD, FILM: 9.09K OHM, 1%, 0.125W	91637	MFF1816G90900F
A9A1R853	321-0302-00		RES., FXD, FILM: 13.7K OHM, 1%, 0.125W	91637	MFF1816G13701F
A9A1R854	321-0306-00		RES., FXD, FILM: 15K OHM, 1%, 0.125W	91637	MFF1816G15001F
A9A1R855	311-1239-00		RES., VAR, NONWIR: 2.5K OHM, 10%, 0.50W	73138	72X-76-0-252K
A9A1R920	315-0122-00		RES., FXD, CMPSN: 1.2K OHM, 5%, 0.25W	01121	CB1225
A9A1R921	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A9A1R930	315-0122-00		RES., FXD, CMPSN: 1.2K OHM, 5%, 0.25W	01121	CB1225
A9A1R931	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015

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A9A1R932	315-0133-00		RES., FXD, CMPSN: 13K OHM, 5%, 0.25W	01121	CB1335
A9A1R933	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A9A1R934	315-0270-00		RES., FXD, CMPSN: 27 OHM, 5%, 0.25W	01121	CB2705
A9A1R940	315-0302-00		RES., FXD, CMPSN: 3K OHM, 5%, 0.25W	01121	CB3025
A9A1R941	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A9A1R950	321-0260-00		RES., FXD, FILM: 4.99K OHM, 1%, 0.125W	91637	MFF1816G49900F
A9A1TP120	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A9A1TP130	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A9A1TP140	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A9A1TP230	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A9A1TP251	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A9A1TP330	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A9A1TP430	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A9A1TP440	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A9A1TP441	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A9A1TP450	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A9A1TP520	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A9A1TP620	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A9A1TP621	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A9A1TP622	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A9A1TP630	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A9A1TP631	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A9A1TP640	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A9A1TP641	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A9A1TP650	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A9A1TP720	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A9A1TP740	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A9A1TP820	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A9A1TP840	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A9A1TP850	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A9A1TP851	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A9A1TP920	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A9A1TP930	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A9A1TP940	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A9A1TP941	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A9A1TP950	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A9A1TP951	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A9A1U110	156-0872-01		MICROCIRCUIT, LI: VOLTAGE REGULATOR	80009	156-0872-01
A9A1U130	156-0742-02		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER, SEL	01295	LM318P3
A9A1U150	156-0067-13		MICROCIRCUIT, LI: OPNL AMPL, SELECTED	04713	MC1741CUDS
A9A1U230	156-0742-02		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER, SEL	01295	LM318P3
A9A1U240	156-0742-02		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER, SEL	01295	LM318P3
A9A1U310	156-0285-01		MICROCIRCUIT, LI: VOLTAGE REGULATOR, CHK	80009	156-0285-01
A9A1U330	155-0152-01		MICROCIRCUIT, LI: GEOMETRY & FOCUS CORR	80009	155-0152-01
A9A1U350	156-0407-02		MICROCIRCUIT, LI: 4 QUAD MULTI-SCREENED	04713	MC1495LDS
A9A1U410	156-0277-01		MICROCIRCUIT, LI: POSITIVE VOLTAGE REG	80009	156-0277-01
A9A1U440	156-0407-02		MICROCIRCUIT, LI: 4 QUAD MULTI-SCREENED	04713	MC1495LDS
A9A1U540	156-1149-01		MICROCIRCUIT, LI: OPER AMPL, JFET, BURN-IN	27014	LF351N/A+
A9A1U620	156-0067-13		MICROCIRCUIT, LI: OPNL AMPL, SELECTED	04713	MC1741CUDS
A9A1U640	155-0152-01		MICROCIRCUIT, LI: GEOMETRY & FOCUS CORR	80009	155-0152-01
A9A1U720	156-0158-03		MICROCIRCUIT, LI: DUAL OPNL AMPL, CHK	80009	156-0158-03
A9A1U730	156-1312-00		MICROCIRCUIT, LI: SAMPLE/HOLD AMPLIFIER	80009	156-1312-00
A9A1U740	156-0158-03		MICROCIRCUIT, LI: DUAL OPNL AMPL, CHK	80009	156-0158-03
A9A1U850	156-0405-02		MICROCIRCUIT, DI: DUAL RETRIGGERABLE	80009	156-0405-02
A9A1U920	156-0274-01		MICROCIRCUIT, LI: DUAL DIFF LINE RCVR, SCRN	07263	9615
A9A1U930	156-0721-00		MICROCIRCUIT, DI: ST POS-NAND GATES W/TP OUT	27014	DM74LS132N
A9A1U950	156-0706-01		MICROCIRCUIT, DI: DUAL MONOSTABLE MV, CHK	80009	156-0706-01
A9A1VR330	152-0395-00		SEMICONV DEVICE: ZENER, 0.4W, 4.3V, 5%	14552	TD332317

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A10	-----		CKT BOARD ASSY:VERTICAL DEFLECTION		
A10Q130	151-0358-01		TRANSISTOR:NPN,SI,D44R4,SCREENED	80009	151-0358-01
A10Q223	151-0358-01		TRANSISTOR:NPN,SI,D44R4,SCREENED	80009	151-0358-01
A10Q243	151-0358-01		TRANSISTOR:NPN,SI,D44R4,SCREENED	80009	151-0358-01
A10Q727	151-0701-01		TRANSISTOR:25C2527G,SCREENED	0001G	25C2527-G-TEK2
A10Q747	151-0701-01		TRANSISTOR:25C2527G,SCREENED	0001G	25C2527-G-TEK2
A10Q834	156-0872-01		MICROCIRCUIT,LI:VOLTAGE REGULATOR	80009	156-0872-01
A10Q842	156-0285-01		MICROCIRCUIT,LI:VOLTAGE REGULATOR,CHK	80009	156-0285-01
A10A1	-----		CKT BOARD ASSY:VERTICAL DEFLECTION		
A10A1C110	290-0117-00		CAP.,FXD,ELCTLT:50UF,+75-10%,50V	56289	30D506G050DD9
A10A1C111	290-0117-00		CAP.,FXD,ELCTLT:50UF,+75-10%,50V	56289	30D506G050DD9
A10A1C112	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104M
A10A1C150	290-0260-00		CAP.,FXD,ELCTLT:50UF,+75-10%,200V	56289	34D506G200GL4
A10A1C214	290-0770-00		CAP.,FXD,ELCTLT:100UF,+50-10%,25V	56289	502D230
A10A1C215	283-0088-00		CAP.,FXD,CER DI:1100PF,5%,500V	56289	20C285
A10A1C221	283-0341-00		CAP.,FXD,CER DI:0.047UF,10%,100V	72982	8121N153X7R0473K
A10A1C222	283-0212-00		CAP.,FXD,CER DI:2UF,20%,50V	72982	8141N064Z5U205M
A10A1C233	290-0778-00		CAP.,FXD,ELCTLT:1UF,+50-10%,50V	54473	ECE-A50N1
A10A1C315	283-0114-00		CAP.,FXD,CER DI:0.0015UF,5%,200V	72982	805-509B152J
A10A1C321	290-0770-00		CAP.,FXD,ELCTLT:100UF,+50-10%,25V	56289	502D230
A10A1C323	283-0057-00		CAP.,FXD,CER DI:0.1UF,+80-20%,200V	56289	274C10
A10A1C340	283-0088-00		CAP.,FXD,CER DI:1100PF,5%,500V	56289	20C285
A10A1C353	290-0770-00		CAP.,FXD,ELCTLT:100UF,+50-10%,25V	56289	502D230
A10A1C411	290-0782-00		CAP.,FXD,ELCTLT:4.7UF,+75-10%,35V	56289	503D475G035A
A10A1C430	290-0770-00		CAP.,FXD,ELCTLT:100UF,+50-10%,25V	56289	502D230
A10A1C454	290-0290-00		CAP.,FXD,ELCTLT:10UF,20%,25V	56289	30D472
A10A1C510	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104M
A10A1C511	283-0212-00		CAP.,FXD,CER DI:2UF,20%,50V	72982	8141N064Z5U205M
A10A1C515	290-0290-00		CAP.,FXD,ELCTLT:10UF,20%,25V	56289	30D472
A10A1C562	290-0797-00		CAP.,FXD,ELCTLT:470UF,+50-10%,50V	56289	D73403
A10A1C622	290-0290-00		CAP.,FXD,ELCTLT:10UF,20%,25V	56289	30D472
A10A1C638	290-0804-00		CAP.,FXD,ELCTLT:10UF,+50-10%,25V	55680	25ULA10V-T
A10A1C642	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104M
A10A1C645	290-0290-00		CAP.,FXD,ELCTLT:10UF,20%,25V	56289	30D472
A10A1C653	290-0745-00		CAP.,FXD,ELCTLT:22UF,+50-10%,25V	56289	502D225
A10A1C722	283-0615-00		CAP.,FXD,MICA D:33PF,5%,500V	00853	D155E330J0
A10A1C726	283-0615-00		CAP.,FXD,MICA D:33PF,5%,500V	00853	D155E330J0
A10A1C732	290-0745-00		CAP.,FXD,ELCTLT:22UF,+50-10%,25V	56289	502D225
A10A1C745	283-0615-00		CAP.,FXD,MICA D:33PF,5%,500V	00853	D155E330J0
A10A1C746	283-0615-00		CAP.,FXD,MICA D:33PF,5%,500V	00853	D155E330J0
A10A1C756	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104M
A10A1C814	290-0778-00		CAP.,FXD,ELCTLT:1UF,+50-10%,50V	54473	ECE-A50N1
A10A1C824	290-0770-00		CAP.,FXD,ELCTLT:100UF,+50-10%,25V	56289	502D230
A10A1C825	290-0778-00		CAP.,FXD,ELCTLT:1UF,+50-10%,50V	54473	ECE-A50N1
A10A1C830	283-0003-00		CAP.,FXD,CER DI:0.01UF,+80-20%,150V	72982	855-55825U-103Z
A10A1C833	283-0003-00		CAP.,FXD,CER DI:0.01UF,+80-20%,150V	72982	855-55825U-103Z
A10A1C850	290-0778-00		CAP.,FXD,ELCTLT:1UF,+50-10%,50V	54473	ECE-A50N1
A10A1C851	290-0770-00		CAP.,FXD,ELCTLT:100UF,+50-10%,25V	56289	502D230
A10A1CR120	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A10A1CR121	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A10A1CR235	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A10A1CR236	152-0242-00		SEMICONV DEVICE:SILICON,225V,200MA	07263	FDH5004
A10A1CR312	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R

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Component No.	Tektronix Part No.	Serial/Model No. Eff	Dscont	Name & Description	Mfr Code	Mfr Part Number
A10A1CR332	152-0242-00			SEMICON D DEVICE: SILICON, 225V, 200MA	07263	FDH5004
A10A1CR345	152-0141-02			SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A10A1CR346	152-0141-02			SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A10A1CR347	152-0141-02			SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A10A1CR351	152-0066-00			SEMICON D DEVICE: SILICON, 400V, 750MA	14433	LG4016
A10A1CR412	152-0141-02			SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A10A1CR632	152-0141-02			SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A10A1CR723	152-0141-02			SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A10A1CR724	152-0141-02			SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A10A1CR735	152-0066-00			SEMICON D DEVICE: SILICON, 400V, 750MA	14433	LG4016
A10A1CR737	152-0066-00			SEMICON D DEVICE: SILICON, 400V, 750MA	14433	LG4016
A10A1CR739	152-0066-00			SEMICON D DEVICE: SILICON, 400V, 750MA	14433	LG4016
A10A1CR740	152-0141-02			SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A10A1CR741	152-0141-02			SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A10A1CR832	152-0066-00			SEMICON D DEVICE: SILICON, 400V, 750MA	14433	LG4016
A10A1J310	131-2588-00			CONN, RCPT, ELEC: HEADER, 1 X 4, 0.25	00779	1-350948-0
A10A1L335	108-0336-00			COIL, RF: 100UH	80009	108-0336-00
A10A1L450	108-0336-00			COIL, RF: 100UH	80009	108-0336-00
A10A1L521	108-1021-00			COIL, RF: FIXED, 5.1MH, POT CORE	80009	108-1021-00
A10A1L553	108-0336-00			COIL, RF: 100UH	80009	108-0336-00
A10A1P542	131-0608-00			TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD	22526	47357
A10A1Q232	151-0280-01			TRANSISTOR: SILICON, PNP, SEL	04713	ST1390H
A10A1Q236	151-0444-03			TRANSISTOR: SILICON, NPN	80009	151-0444-03
A10A1Q312	151-0406-01			TRANSISTOR: SGC7282	80009	151-0406-01
A10A1Q324	151-0150-03			TRANSISTOR: SCREENED, 2N3440	04713	OBD
A10A1Q334	151-0444-03			TRANSISTOR: SILICON, NPN	80009	151-0444-03
A10A1Q343	151-0150-03			TRANSISTOR: SCREENED, 2N3440	04713	OBD
A10A1Q420	151-0301-02			TRANSISTOR: SILICON, PNP	80009	151-0301-02
A10A1Q633	151-0216-02			TRANSISTOR: PNP, SI PRESTRESSED & TESTED	80009	151-0216-02
A10A1Q637	151-0216-02			TRANSISTOR: PNP, SI PRESTRESSED & TESTED	80009	151-0216-02
A10A1Q639	151-0216-02			TRANSISTOR: PNP, SI PRESTRESSED & TESTED	80009	151-0216-02
A10A1Q730	151-0192-03			TRANSISTOR: SILICON, NPN	80009	151-0192-03
A10A1Q731	151-0192-03			TRANSISTOR: SILICON, NPN	80009	151-0192-03
A10A1R113	321-0389-00			RES., FXD, FILM: 110K OHM, 1%, 0.125W	91637	MFF1816G11002F
A10A1R122	315-0103-00			RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A10A1R140	303-0510-00			RES., FXD, CMPSN: 51 OHM, 5%, 1W	01121	GB5105
A10A1R141	305-0183-00			RES., FXD, CMPSN: 18K OHM, 5%, 2W	01121	HB1835
A10A1R211	321-0211-00			RES., FXD, FILM: 1.54K OHM, 1%, 0.125W	91637	MFF1816G15400F
A10A1R212	315-0103-00			RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A10A1R213	315-0332-00			RES., FXD, CMPSN: 3.3K OHM, 5%, 0.25W	01121	CB3325
A10A1R220	315-0221-00			RES., FXD, CMPSN: 220 OHM, 5%, 0.25W	01121	CB2215
A10A1R230	315-0101-00			RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A10A1R231	315-0471-00			RES., FXD, CMPSN: 470 OHM, 5%, 0.25W	01121	CB4715
A10A1R234	315-0133-00			RES., FXD, CMPSN: 13K OHM, 5%, 0.25W	01121	CB1335
A10A1R240	315-0102-00			RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A10A1R241	315-0393-00			RES., FXD, CMPSN: 39K OHM, 5%, 0.25W	01121	CB3935
A10A1R311	308-0799-00			RES., FXD, WW: 1 OHM, 1%, 4W	91637	NS21R000F
A10A1R312	315-0152-00			RES., FXD, CMPSN: 1.5K OHM, 5%, 0.25W	01121	CB1525
A10A1R314	321-0193-00			RES., FXD, FILM: 1K OHM, 1%, 0.125W	91637	MFF1816G10000F
A10A1R317	315-0561-00			RES., FXD, CMPSN: 560 OHM, 5%, 0.25W	01121	CB5615
A10A1R320	315-0121-00			RES., FXD, CMPSN: 120 OHM, 5%, 0.25W	01121	CB1215
A10A1R322	315-0100-00			RES., FXD, CMPSN: 10 OHM, 5%, 0.25W	01121	CB1005
A10A1R332	308-0836-00			RES., FXD, WW: 1.2 OHM, 5%, 1W FUSIBLE	75042	BW-20F-1.2
A10A1R333	315-0623-00			RES., FXD, CMPSN: 62K OHM, 5%, 0.25W	01121	CB6235
A10A1R335	315-0471-00			RES., FXD, CMPSN: 470 OHM, 5%, 0.25W	01121	CB4715
A10A1R336	308-0836-00			RES., FXD, WW: 1.2 OHM, 5%, 1W FUSIBLE	75042	BW-20F-1.2
A10A1R341	315-0471-00			RES., FXD, CMPSN: 470 OHM, 5%, 0.25W	01121	CB4715

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Component No.	Tektronix Part No.	Serial/Model No. Eff Dscnt	Name & Description	Mfr Code	Mfr Part Number
A10A1R342	308-0441-00		RES.,FXD,WW:3 OHM,5%,3W	91637	CW2B-3R00J
A10A1R344	315-0202-00		RES.,FXD,CMPSN:2K OHM,5%,0.25W	01121	CB2025
A10A1R350	315-0100-00		RES.,FXD,CMPSN:10 OHM,5%,0.25W	01121	CB1005
A10A1R352	315-0563-00		RES.,FXD,CMPSN:56K OHM,5%,0.25W	01121	CB5635
A10A1R353	315-0152-00		RES.,FXD,CMPSN:1.5K OHM,5%,0.25W	01121	CB1525
A10A1R354	308-0836-00		RES.,FXD,WW:1.2 OHM,5%,1W FUSIBLE	75042	BW-20F-1.2
A10A1R413	315-0113-00		RES.,FXD,CMPSN:11K OHM,5%,0.25W	01121	CB1135
A10A1R414	321-0193-00		RES.,FXD,FILM:1K OHM,1%,0.125W	91637	MFF1816G10000F
A10A1R415	315-0103-00		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
A10A1R421	315-0222-00		RES.,FXD,CMPSN:2.2K OHM,5%,0.25W	01121	CB2225
A10A1R422	301-0751-00		RES.,FXD,CMPSN:750 OHM,5%,0.50W	01121	EB7515
A10A1R423	321-0376-00		RES.,FXD,FILM:80.6K OHM,1%,0.125W	91637	MFF1816G80601F
A10A1R424	315-0103-00		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
A10A1R431	301-0751-00		RES.,FXD,CMPSN:750 OHM,5%,0.50W	01121	EB7515
A10A1R512	321-0255-00		RES.,FXD,FILM:4.42K OHM,1%,0.125W	91637	MFF1816G44200F
A10A1R513	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A10A1R514	321-0204-00		RES.,FXD,FILM:1.3K OHM,1%,0.125W	91637	MFF1816G13000F
A10A1R534	303-0821-00		RES.,FXD,CMPSN:820 OHM,5%,1W	01121	GB8215
A10A1R544	308-0836-00		RES.,FXD,WW:1.2 OHM,5%,1W FUSIBLE	75042	BW-20F-1.2
A10A1R550	321-0260-00		RES.,FXD,FILM:4.99K OHM,1%,0.125W	91637	MFF1816G49900F
A10A1R551	311-1238-00		RES.,VAR,NONWIR:5K OHM,10%,0.50W	73138	72-27-0
A10A1R552	321-0260-00		RES.,FXD,FILM:4.99K OHM,1%,0.125W	91637	MFF1816G49900F
A10A1R553	311-1238-00		RES.,VAR,NONWIR:5K OHM,10%,0.50W	73138	72-27-0
A10A1R621	321-1210-01		RES.,FXD,FILM:1.25K OHM,0.5%,0.125W	91637	MFF1816G15200D
A10A1R630	321-0196-00		RES.,FXD,FILM:1.07K OHM,1%,0.125W	91637	MFF1816G10700F
A10A1R631	321-0097-00		RES.,FXD,FILM:100 OHM,1%,0.125W	91637	MFF1816G100R0F
A10A1R633	308-0836-00		RES.,FXD,WW:1.2 OHM,5%,1W FUSIBLE	75042	BW-20F-1.2
A10A1R634	321-0245-00		RES.,FXD,FILM:3.48K OHM,1%,0.125W	91637	MFF1816G34800F
A10A1R635	321-0816-03		RES.,FXD,FILM:5K OHM,0.25%,0.125W	91637	MFF1816D50000
A10A1R636	321-0816-03		RES.,FXD,FILM:5K OHM,0.25%,0.125W	91637	MFF1816D50000
A10A1R640	311-0635-00		RES.,VAR,NONWIR:1K OHM,10%,0.50W	73138	82-32-0
A10A1R641	308-0836-00		RES.,FXD,WW:1.2 OHM,5%,1W FUSIBLE	75042	BW-20F-1.2
A10A1R643	307-0107-00		RES.,FXD,CMPSN:5.6 OHM,5%,0.25W	01121	CB56G5
A10A1R644	321-1210-01		RES.,FXD,FILM:1.25K OHM,0.5%,0.125W	91637	MFF1816G15200D
A10A1R720	321-0816-03		RES.,FXD,FILM:5K OHM,0.25%,0.125W	91637	MFF1816D50000C
A10A1R721	321-0816-03		RES.,FXD,FILM:5K OHM,0.25%,0.125W	91637	MFF1816D50000C
A10A1R725	321-0193-00		RES.,FXD,FILM:1K OHM,1%,0.125W	91637	MFF1816G10000F
A10A1R733	315-0471-00		RES.,FXD,CMPSN:470 OHM,5%,0.25W	01121	CB4715
A10A1R734	315-0470-00		RES.,FXD,CMPSN:47 OHM,5%,0.25W	01121	CB4705
A10A1R736	315-0471-00		RES.,FXD,CMPSN:470 OHM,5%,0.25W	01121	CB4715
A10A1R737	315-0470-00		RES.,FXD,CMPSN:47 OHM,5%,0.25W	01121	CB4705
A10A1R742	321-0193-00		RES.,FXD,FILM:1K OHM,1%,0.125W	91637	MFF1816G10000F
A10A1R743	321-0816-03		RES.,FXD,FILM:5K OHM,0.25%,0.125W	91637	MFF1816D50000C
A10A1R744	321-0816-03		RES.,FXD,FILM:5K OHM,0.25%,0.125W	91637	MFF1816D50000C
A10A1R820	308-0799-00		RES.,FXD,WW:1 OHM,1%,4W	91637	NS21R000F
A10A1R821	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A10A1R822	308-0836-00		RES.,FXD,WW:1.2 OHM,5%,1W FUSIBLE	75042	BW-20F-1.2
A10A1R823	307-0107-00		RES.,FXD,CMPSN:5.6 OHM,5%,0.25W	01121	CB56G5
A10A1R831	308-0836-00		RES.,FXD,WW:1.2 OHM,5%,1W FUSIBLE	75042	BW-20F-1.2
A10A1R840	308-0799-00		RES.,FXD,WW:1 OHM,1%,4W	91637	NS21R000F
A10A1R841	308-0836-00		RES.,FXD,WW:1.2 OHM,5%,1W FUSIBLE	75042	BW-20F-1.2
A10A1T540	120-1321-00		TRANSFORMER,RF:PIN CUSHION	80009	120-1321-00
A10A1TP123	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A10A1TP316	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A10A1TP331	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A10A1TP332	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A10A1TP410	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02

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Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A10A1TP431	214-0579-02		TERM, TEST POINT:BRASS	80009	214-0579-02
A10A1TP432	214-0579-02		TERM, TEST POINT:BRASS	80009	214-0579-02
A10A1TP440	214-0579-02		TERM, TEST POINT:BRASS	80009	214-0579-02
A10A1TP516	214-0579-02		TERM, TEST POINT:BRASS	80009	214-0579-02
A10A1TP520	214-0579-02		TERM, TEST POINT:BRASS	80009	214-0579-02
A10A1TP532	214-0579-02		TERM, TEST POINT:BRASS	80009	214-0579-02
A10A1TP533	214-0579-02		TERM, TEST POINT:BRASS	80009	214-0579-02
A10A1TP550	214-0579-02		TERM, TEST POINT:BRASS	80009	214-0579-02
A10A1TP552	214-0579-02		TERM, TEST POINT:BRASS	80009	214-0579-02
A10A1TP623	214-0579-02		TERM, TEST POINT:BRASS	80009	214-0579-02
A10A1TP629	214-0579-02		TERM, TEST POINT:BRASS	80009	214-0579-02
A10A1TP646	214-0579-02		TERM, TEST POINT:BRASS	80009	214-0579-02
A10A1TP650	214-0579-02		TERM, TEST POINT:BRASS	80009	214-0579-02
A10A1TP651	214-0579-02		TERM, TEST POINT:BRASS	80009	214-0579-02
A10A1TP728	214-0579-02		TERM, TEST POINT:BRASS	80009	214-0579-02
A10A1TP748	214-0579-02		TERM, TEST POINT:BRASS	80009	214-0579-02
A10A1TP757	214-0579-02		TERM, TEST POINT:BRASS	80009	214-0579-02
A10A1TP843	214-0579-02		TERM, TEST POINT:BRASS	80009	214-0579-02
A10A1U210	156-0067-13		MICROCIRCUIT, LI: OPNL AMPL, SELECTED	04713	MC1741CUDS
A10A1U416	156-0067-13		MICROCIRCUIT, LI: OPNL AMPL, SELECTED	04713	MC1741CUDS

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Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A11	-----		CKT BOARD ASSY:HORIZONTAL DEFLECTION		
A11J105	198-4347-00		WIRE SET,ELEC:	80009	198-4347-00
A11J111	198-4554-00		WIRE SET,ELEC:	80009	198-4554-00
A11J132	198-4353-00		WIRE SET,ELEC:	80009	198-4353-00
A11J141	198-4355-00		WIRE SET,ELEC:	80009	198-4355-00
A11J142	198-4355-00		WIRE SET,ELEC:	80009	198-4355-00
A11J205	198-4346-00		WIRE SET,ELEC:	80009	198-4346-00
A11J405	198-4346-00		WIRE SET,ELEC:	80009	198-4346-00
A11J505	198-4350-00		WIRE SET,ELEC:	80009	198-4350-00
A11Q121	151-0349-04		TRANSISTOR:SILICON,NPN,SCREENED	80009	151-0349-04
A11Q133	151-0349-04		TRANSISTOR:SILICON,NPN,SCREENED	80009	151-0349-04
A11Q210	151-0476-00		TRANSISTOR:SILICON,NPN	02735	68430
A11Q230	151-0482-00		TRANSISTOR:SILICON,PNP	80009	151-0482-00
A11Q330	151-0746-00		TRANSISTOR:NPN,ST,HV POWER MJ12003	04713	SJ6927
A11Q440	151-0405-02		TRANSISTOR:MJE800 SCREENED	80009	151-0405-02
A11Q442	151-0405-02		TRANSISTOR:MJE800 SCREENED	80009	151-0405-02
A11Q920	151-0256-00		TRANSISTOR:SILICON,NPN	04713	SJ2304
A11Q920	151-0256-00		TRANSISTOR:SILICON,NPN	04713	SJ2304
A11A1	-----		CKT BOARD ASSY:HORIZONTAL DEFLECTION		
A11A1C121	290-0818-00		CAP.,FXD,ELCTLT:390UF,+100-10%,40V	56289	672D397H040DS5C
A11A1C123	290-0770-00		CAP.,FXD,ELCTLT:100UF,+50-10%,25V	56289	502D230
A11A1C124	290-0290-00		CAP.,FXD,ELCTLT:10UF,20%,25V	56289	30D472
A11A1C131	290-0770-00		CAP.,FXD,ELCTLT:100UF,+50-10%,25V	56289	502D230
A11A1C132	283-0673-00		CAP.,FXD,MICA D:455PF,1%,500V	00853	D155F4550F0
A11A1C133	283-0648-00		CAP.,FXD,MICA D:10PF,5%,100V	00853	D151C100D0
A11A1C134	283-0067-00		CAP.,FXD,CER DI:0.001UF,10%,200V	72982	835-515B102K
A11A1C135	283-0067-00		CAP.,FXD,CER DI:0.001UF,10%,200V	72982	835-515B102K
A11A1C136	290-0770-00		CAP.,FXD,ELCTLT:100UF,+50-10%,25V	56289	502D230
A11A1C141	283-0028-00		CAP.,FXD,CER DI:0.0022UF,20%,50V	56289	19C606
A11A1C142	290-0782-00		CAP.,FXD,ELCTLT:4.7UF,+75-10%,35V	56289	503D475G035AS
A11A1C143	283-0010-00		CAP.,FXD,CER DI:0.05UF,+100-20%,50V	56289	273C20
A11A1C144	290-0782-00		CAP.,FXD,ELCTLT:4.7UF,+75-10%,35V	56289	503D475G035AS
A11A1C145	283-0010-00		CAP.,FXD,CER DI:0.05UF,+100-20%,50V	56289	273C20
A11A1C146	281-0534-00		CAP.,FXD,CER DI:3.3PF,+/-0.25PF,500V	72982	301-000C0J0339C
A11A1C147	290-0746-00		CAP.,FXD,ELCTLT:47UF,+50-10%,16V	55680	16U-47V-T
A11A1C148	290-0746-00		CAP.,FXD,ELCTLT:47UF,+50-10%,16V	55680	16U-47V-T
A11A1C211	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104
A11A1C222	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104
A11A1C330	285-0931-00		CAP.,FXD,PLSTC:0.005UF,5%,2000V	56289	715P184
A11A1C410	285-0932-00		CAP.,FXD,PLSTC:1UF,10%,400V	14752	A-1478
A11A1C412	283-0267-00		CAP.,FXD,CER DI:0.01UF,20%,500V	72982	0841546Y5500103
A11A1C421	283-0078-00		CAP.,FXD,CER DI:0.001UF,20%,500V	56289	20C114A8
A11A1C422	283-0335-00		CAP.,FXD,CER DI:0.1UF,20%,600V	51642	UC47-100Z5U824N
A11A1C430	290-0770-00		CAP.,FXD,ELCTLT:100UF,+50-10%,25V	56289	502D230
A11A1C510	281-0572-00		CAP.,FXD,CER DI:6.8PF,+/-0.5PF,500V	72982	301-000C0H0689D
A11A1C520	283-0134-00		CAP.,FXD,CER DI:0.47UF,+80-20%,50V	72982	8131N087Z5U0474
A11A1C521	283-0644-00		CAP.,FXD,MICA D:150PF,1%,500V	00853	D155E151F0
A11A1C530	283-0644-00		CAP.,FXD,MICA D:150PF,1%,500V	00853	D155E151F0
A11A1C540	290-0770-00		CAP.,FXD,ELCTLT:100UF,+50-10%,25V	56289	502D230
A11A1C541	290-0770-00		CAP.,FXD,ELCTLT:100UF,+50-10%,25V	56289	502D230
A11A1C542	283-0599-00		CAP.,FXD,MICA D:98PF,5%,500V	00853	D105E980J0
A11A1C610	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104
A11A1C611	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104
A11A1C612	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104
A11A1C613	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104
A11A1C614	283-0134-00		CAP.,FXD,CER DI:0.47UF,+80-20%,50V	72982	8131N087Z5U0474
A11A1C620	283-0644-00		CAP.,FXD,MICA D:150PF,1%,500V	00853	D155E151F0

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A11A1C621	285-0659-00			CAP., FXD, PLSTC: 0.001UF, 10%, 100V	84411	TEK24-10291
A11A1C630	290-0778-00			CAP., FXD, ELCLTL: 1UF, +50-10%, 50V	54473	ECE-A50N1
A11A1C631	281-0775-00			CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A11A1C640	283-0793-00			CAP., FXD, MICA D: 3035PF, 1%, 500V	09023	CD19FD(3035)F03
A11A1C641	281-0775-00			CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A11A1C720	281-0775-00			CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A11A1C730	281-0775-00			CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A11A1C731	283-0067-00			CAP., FXD, CER DI: 0.001UF, 10%, 200V	72982	835-515B102K
A11A1C732	283-0142-00			CAP., FXD, CER DI: 0.0027UF, 5%, 200V	72982	875-571-Y5E0272J
A11A1C740	283-0041-00			CAP., FXD, CER DI: 0.0033UF, 5%, 500V	72982	841-541B332J
A11A1C810	290-0770-00			CAP., FXD, ELCLTL: 100UF, +50-10%, 25V	56289	502D230
A11A1C811	290-0770-00			CAP., FXD, ELCLTL: 100UF, +50-10%, 25V	56289	502D230
A11A1C820	283-0773-00			CAP., FXD, MICA D: 578PF, 1%, 300V	00853	D15-3F5780F0
A11A1C830	281-0572-00			CAP., FXD, CER DI: 6.8PF, +/-0.5PF, 500V	72982	301-000COH0689D
A11A1C831	290-0804-00			CAP., FXD, ELCLTL: 10UF, +50-10%, 25V	55680	25ULA10V-T
A11A1C840	283-0239-00			CAP., FXD, CER DI: 0.022UF, 10%, 50V	72982	8121N083X7R0223K
A11A1C910	290-0778-00			CAP., FXD, ELCLTL: 1UF, +50-10%, 50V	54473	ECE-A50N1
A11A1C911	290-0770-00			CAP., FXD, ELCLTL: 100UF, +50-10%, 25V	56289	502D230
A11A1C920	285-0932-00			CAP., FXD, PLSTC: 1UF, 10%, 400V	14752	A-1478
A11A1C921	283-0189-00			CAP., FXD, CER DI: 0.1UF, 20%, 400V	72982	8151N401X5R0104M
A11A1C930	283-0028-00			CAP., FXD, CER DI: 0.0022UF, 20%, 50V	56289	19C606
A11A1C931	283-0600-00			CAP., FXD, MICA D: 43PF, 5%, 500V	00853	D105E430J0
A11A1C940	281-0775-00			CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A11A1C941	281-0775-00			CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A11A1C942	283-0067-00			CAP., FXD, CER DI: 0.001UF, 10%, 200V	72982	835-515B102K
A11A1C943	290-0569-00			CAP., FXD, ELCLTL: 50UF, +75-10%, 250V	56289	68D10476
A11A1CR310	152-0789-00			SEMICONV DEVICE: RECT, SI, 1000V, 3.0A	04713	SR3681K
A11A1CR311	152-0789-00			SEMICONV DEVICE: RECT, SI, 1000V, 3.0A	04713	SR3681K
A11A1CR320	152-0385-00			SEMICONV DEVICE: SILICON, 2000V, 100MA	80009	152-0385-00
A11A1CR339	152-0066-00			SEMICONV DEVICE: SILICON, 400V, 750MA	14433	LG4016
A11A1CR410	152-0141-02			SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11A1CR421	152-0141-02			SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11A1CR510	152-0141-02			SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11A1CR511	152-0141-02			SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11A1CR512	152-0141-02			SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11A1CR513	152-0141-02			SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11A1CR520	152-0141-02			SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11A1CR521	152-0141-02			SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11A1CR522	152-0141-02			SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11A1CR609	152-0141-02			SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11A1CR610	152-0141-02			SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11A1CR620	152-0141-02			SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11A1CR630	152-0141-02			SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11A1CR710	152-0141-02			SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11A1CR711	152-0141-02			SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11A1CR720	152-0066-00			SEMICONV DEVICE: SILICON, 400V, 750MA	14433	LG4016
A11A1CR730	152-0457-00			SEMICONV DEVICE: SILICON, 25V	28480	5082-2068
A11A1CR731	152-0457-00			SEMICONV DEVICE: SILICON, 25V	28480	5082-2068
A11A1CR741	152-0457-00			SEMICONV DEVICE: SILICON, 25V	28480	5082-2068
A11A1CR812	152-0457-00			SEMICONV DEVICE: SILICON, 25V	28480	5082-2068
A11A1CR930	152-0141-02			SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11A1CR931	152-0141-02			SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11A1CR940	152-0141-02			SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A11A1F820	159-0042-00			FUSE, CARTRIDGE: 3AG, 0.75A, 250V, FAST-BLOW	71400	AGC 3/4
A11A1J110	131-0589-00			TERM, PIN: 0.46 L X 0.025 SQ. PH BRZ GL	22526	47350
A11A1J131	131-0589-00			TERM, PIN: 0.46 L X 0.025 SQ. PH BRZ GL	22526	47350
A11A1J141	131-0589-00			TERM, PIN: 0.46 L X 0.025 SQ. PH BRZ GL	22526	47350

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A11A1J720	131-0589-00		TERM, PIN: 0.46 L X 0.025 SQ. PH BRZ GL	22526	47350
A11A1J840	131-0608-00		TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD	22526	47357
A11A1L110	108-1078-00		COIL, RF: FIXED, 1.85MH	80009	108-1078-00
A11A1L121	108-0734-00		COIL, RF: FIXED, 160NH	80009	108-0734-00
A11A1L320	120-1318-00		TRANSFORMER, RF: HORIZ DEFLECTION	80009	120-1318-00
A11A1L340	108-1079-00		COIL, RF: FIXED, ASSEMBLY(2)25MH	80009	108-1079-00
A11A1Q131	151-0103-02		TRANSISTOR: SILICON, NPN, SEL	04713	0BD
A11A1Q132	151-0134-00		TRANSISTOR: SILICON, PNP	80009	151-0134-00
A11A1Q240	151-0301-02		TRANSISTOR: SILICON, PNP	80009	151-0301-02
A11A1Q346	151-0405-02		TRANSISTOR: MJE800 SCREENED	80009	151-0405-02
A11A1Q441	151-0192-03		TRANSISTOR: SILICON, NPN	80009	151-0192-03
A11A1Q510	151-0302-01		TRANSISTOR: NPN, SI (SEL FROM 2N222A)	80009	151-0302-01
A11A1Q610	151-0192-03		TRANSISTOR: SILICON, NPN	80009	151-0192-03
A11A1Q630	151-0301-02		TRANSISTOR: SILICON, PNP	80009	151-0301-02
A11A1Q720	151-0444-02		TRANSISTOR: SILICON, NPN	80009	151-0444-02
A11A1Q721	151-0444-03		TRANSISTOR: SILICON, NPN	80009	151-0444-03
A11A1Q740	151-0302-01		TRANSISTOR: NPN, SI (SEL FROM 2N222A)	80009	151-0302-01
A11A1Q930	151-0169-01		TRANSISTOR: SILICON, NPN, SEL	04713	0BD
A11A1Q931	151-0280-01		TRANSISTOR: SILICON, PNP, SEL	04713	ST1390H
A11A1R110	308-0123-00		RES., FXD, WW: 20 OHM, 5%, 5W	05347	C56-20R0J
A11A1R111	307-0103-00		RES., FXD, CMPSN: 2.7 OHM, 5%, 0.25W	01121	CB27G5
A11A1R112	315-0181-00		RES., FXD, CMPSN: 180 OHM, 5%, 0.25W	01121	CB1815
A11A1R121	308-0677-00		RES., FXD, WW: 1 OHM, 5%, 2W	75042	BWH-1R000J
A11A1R122	308-0677-00		RES., FXD, WW: 1 OHM, 5%, 2W	75042	BWH-1R000J
A11A1R131	315-0100-00		RES., FXD, CMPSN: 10 OHM, 5%, 0.25W	01121	CB1005
A11A1R132	315-0221-00		RES., FXD, CMPSN: 220 OHM, 5%, 0.25W	01121	CB2215
A11A1R133	315-0221-00		RES., FXD, CMPSN: 220 OHM, 5%, 0.25W	01121	CB2215
A11A1R134	315-0181-00		RES., FXD, CMPSN: 180 OHM, 5%, 0.25W	01121	CB1815
A11A1R141	315-0151-00		RES., FXD, CMPSN: 150 OHM, 5%, 0.25W	01121	CB1515
A11A1R142	315-0330-00		RES., FXD, CMPSN: 33 OHM, 5%, 0.25W	01121	CB3305
A11A1R143	321-0331-00		RES., FXD, FILM: 27.4K OHM, 1%, 0.125W	91637	MFF1816G27401F
A11A1R144	311-1245-00		RES., VAR, NONWIR: 10K OHM, 10%, 0.50W	73138	72-28-0
A11A1R146	321-0273-00		RES., FXD, FILM: 6.81K OHM, 1%, 0.125W	91637	MFF1816G68100F
A11A1R147	315-0330-00		RES., FXD, CMPSN: 33 OHM, 5%, 0.25W	01121	CB3305
A11A1R148	315-0752-00		RES., FXD, CMPSN: 7.5K OHM, 5%, 0.25W	01121	CB7525
A11A1R149	311-1245-00		RES., VAR, NONWIR: 10K OHM, 10%, 0.50W	73138	72-28-0
A11A1R230	321-0239-00		RES., FXD, FILM: 3.01K OHM, 1%, 0.125W	91637	MFF1816G30100F
A11A1R240	321-0351-00		RES., FXD, FILM: 44.2K OHM, 1%, 0.125W	91637	MFF1816G44201F
A11A1R241	315-0302-00		RES., FXD, CMPSN: 3K OHM, 5%, 0.25W	01121	CB3025
A11A1R242	315-0121-00		RES., FXD, CMPSN: 120 OHM, 5%, 0.25W	01121	CB1215
A11A1R243	307-0103-00		RES., FXD, CMPSN: 2.7 OHM, 5%, 0.25W	01121	CB27G5
A11A1R244	308-0837-00		RES., FXD, WW: 6.2 OHM, 1%, 7.0W	05347	CS7-6R20F
A11A1R245	315-0183-00		RES., FXD, CMPSN: 18K OHM, 5%, 0.25W	01121	CB1835
A11A1R246	315-0751-00		RES., FXD, CMPSN: 750 OHM, 5%, 0.25W	01121	CB7515
A11A1R312	301-0104-00		RES., FXD, CMPSN: 100K OHM, 5%, 0.5W	01121	EB1045
A11A1R319	301-0104-00		RES., FXD, CMPSN: 100K OHM, 5%, 0.5W	01121	EB1045
A11A1R330	308-0838-00		RES., FXD, WW: 12.0 OHM, 1%, 5.0W	05347	CS6-12R0F
A11A1R339	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A11A1R345	315-0470-00		RES., FXD, CMPSN: 47 OHM, 5%, 0.25W	01121	CB4705
A11A1R346	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A11A1R347	315-0153-00		RES., FXD, CMPSN: 15K OHM, 5%, 0.25W	01121	CB1535
A11A1R409	315-0332-00		RES., FXD, CMPSN: 3.3K OHM, 5%, 0.25W	01121	CB3325
A11A1R410	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A11A1R411	315-0273-00		RES., FXD, CMPSN: 27K OHM, 5%, 0.25W	01121	CB2735
A11A1R412	315-0473-00		RES., FXD, CMPSN: 47K OHM, 5%, 0.25W	01121	CB4735
A11A1R420	305-0303-00		RES., FXD, CMPSN: 30K OHM, 5%, 2W	01121	HB3035
A11A1R430	315-0153-00		RES., FXD, CMPSN: 15K OHM, 5%, 0.25W	01121	CB1535

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A11A1R431	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A11A1R432	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A11A1R440	315-0470-00		RES., FXD, CMPSN: 47 OHM, 5%, 0.25W	01121	CB4705
A11A1R441	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A11A1R510	315-0471-00		RES., FXD, CMPSN: 470 OHM, 5%, 0.25W	01121	CB4715
A11A1R511	321-0193-00		RES., FXD, FILM: 1K OHM, 1%, 0.125W	91637	MFF1816G10000F
A11A1R512	321-0294-00		RES., FXD, FILM: 11.3K OHM, 1%, 0.125W	91637	MFF1816G11301F
A11A1R513	315-0152-00		RES., FXD, CMPSN: 1.5K OHM, 5%, 0.25W	01121	CB1525
A11A1R514	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A11A1R520	315-0332-00		RES., FXD, CMPSN: 3.3K OHM, 5%, 0.25W	01121	CB3325
A11A1R521	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A11A1R522	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A11A1R523	315-0153-00		RES., FXD, CMPSN: 15K OHM, 5%, 0.25W	01121	CB1535
A11A1R530	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A11A1R531	315-0153-00		RES., FXD, CMPSN: 15K OHM, 5%, 0.25W	01121	CB1535
A11A1R532	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A11A1R533	321-0296-00		RES., FXD, FILM: 11.8K OHM, 1%, 0.125W	91637	MFF1816G11801F
A11A1R609	315-0103-03		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A11A1R610	315-0562-00		RES., FXD, CMPSN: 5.6K OHM, 5%, 0.25W	01121	CB5625
A11A1R611	315-0682-00		RES., FXD, CMPSN: 6.8K OHM, 5%, 0.25W	01121	CB6825
A11A1R612	315-0203-00		RES., FXD, CMPSN: 20K OHM, 5%, 0.25W	01121	CB2035
A11A1R613	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A11A1R614	315-0123-00		RES., FXD, CMPSN: 12K OHM, 5%, 0.25W	01121	CB1235
A11A1R620	311-1860-00		RES., VAR, NONWIR: TRMR, 10K OHM, 0.50W	32997	3299X-R27-103
A11A1R621	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A11A1R622	315-0122-00		RES., FXD, CMPSN: 1.2K OHM, 5%, 0.25W	01121	CB1225
A11A1R623	321-0280-00		RES., FXD, FILM: 8.06K OHM, 1%, 0.125W	91637	MFF1816G80600F
A11A1R624	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A11A1R625	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A11A1R626	315-0245-00		RES., FXD, CMPSN: 2.4M OHM, 5%, 0.25W	01121	CB2455
A11A1R630	315-0222-00		RES., FXD, CMPSN: 2.2K OHM, 5%, 0.25W	01121	CB2225
A11A1R631	315-0153-00		RES., FXD, CMPSN: 15K OHM, 5%, 0.25W	01121	CB1535
A11A1R632	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A11A1R633	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A11A1R634	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A11A1R635	321-0289-00		RES., FXD, FILM: 10K OHM, 1%, 0.125W	91637	MFF1816G10001F
A11A1R640	321-0283-00		RES., FXD, FILM: 8.66K OHM, 1%, 0.125W	91637	MFF1816G86600F
A11A1R641	315-0184-00		RES., FXD, CMPSN: 180K OHM, 5%, 0.25W	01121	CB1845
A11A1R710	315-0303-00		RES., FXD, CMPSN: 30K OHM, 5%, 0.25W	01121	CB3035
A11A1R711	315-0470-00		RES., FXD, CMPSN: 47 OHM, 5%, 0.25W	01121	CB4705
A11A1R712	308-0836-00		RES., FXD, WW: 1.2 OHM, 5%, 1W FUSIBLE	75042	BW-20F-1.2
A11A1R720	321-0262-00		RES., FXD, FILM: 5.23K OHM, 1%, 0.125W	91637	MFF1816G52300F
A11A1R721	323-0412-00		RES., FXD, FILM: 191K OHM, 1%, 0.50W	75042	CECT0-1913F
A11A1R722	315-0203-00		RES., FXD, CMPSN: 20K OHM, 5%, 0.25W	01121	CB2035
A11A1R723	311-0609-00		RES., VAR, NONWIR: 2K OHM, 10%, 0.50W	73138	82-26-1
A11A1R724	311-0660-00		RES., VAR, NONWIR: TRMR, 200K OHM, 0.5W	73138	82-35-1
A11A1R730	315-0392-00		RES., FXD, CMPSN: 3.9K OHM, 5%, 0.25W	01121	CB3925
A11A1R731	321-0356-00		RES., FXD, FILM: 49.9K OHM, 1%, 0.125W	91637	MFF1816G49901F
A11A1R732	321-0356-00		RES., FXD, FILM: 49.9K OHM, 1%, 0.125W	91637	MFF1816G49901F
A11A1R733	321-0289-00		RES., FXD, FILM: 10K OHM, 1%, 0.125W	91637	MFF1816G10001F
A11A1R734	315-0563-00		RES., FXD, CMPSN: 56K OHM, 5%, 0.25W	01121	CB5635
A11A1R735	315-0273-00		RES., FXD, CMPSN: 27K OHM, 5%, 0.25W	01121	CB2735
A11A1R739	315-0512-00		RES., FXD, CMPSN: 5.1K OHM, 5%, 0.25W	01121	CB5125
A11A1R740	315-0362-00		RES., FXD, CMPSN: 3.6K OHM, 5%, 0.25W	01121	CB3625
A11A1R741	315-0473-00		RES., FXD, CMPSN: 47K OHM, 5%, 0.25W	01121	CB4735
A11A1R742	315-0473-00		RES., FXD, CMPSN: 47K OHM, 5%, 0.25W	01121	CB4735
A11A1R743	315-0133-00		RES., FXD, CMPSN: 13K OHM, 5%, 0.25W	01121	CB1335

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A11A1R744	315-0822-00		RES., FXD, CMPSN: 8.2K OHM, 5%, 0.25W	01121	CB8225
A11A1R745	315-0153-00		RES., FXD, CMPSN: 15K OHM, 5%, 0.25W	01121	CB1535
A11A1R746	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A11A1R747	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A11A1R810	308-0836-00		RES., FXD, WW: 1.2 OHM, 5%, 1W FUSIBLE	75042	BW-20F-1.2
A11A1R811	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A11A1R812	315-0100-00		RES., FXD, CMPSN: 10 OHM, 5%, 0.25W	01121	CB1005
A11A1R813	308-0836-00		RES., FXD, WW: 1.2 OHM, 5%, 1W FUSIBLE	75042	BW-20F-1.2
A11A1R820	315-0513-00		RES., FXD, CMPSN: 51K OHM, 5%, 0.25W	01121	CB5135
A11A1R821	303-0100-00		RES., FXD, CMPSN: 10 OHM, 5%, 1W	01121	GB1005
A11A1R822	308-0836-00		RES., FXD, WW: 1.2 OHM, 5%, 1W FUSIBLE	75042	BW-20F-1.2
A11A1R823	301-0104-00		RES., FXD, CMPSN: 100K OHM, 5%, 0.5W	01121	EB1045
A11A1R830	315-0185-00		RES., FXD, CMPSN: 1.8M OHM, 5%, 0.25W	01121	CB1855
A11A1R831	321-0256-00		RES., FXD, FILM: 4.53K OHM, 1%, 0.125W	91637	MFF1816G45300F
A11A1R832	321-0304-00		RES., FXD, FILM: 14.3K OHM, 1%, 0.125W	91637	MFF1816G14301F
A11A1R833	315-0275-00		RES., FXD, CMPSN: 2.7M OHM, 5%, 0.25W	01121	CB2755
A11A1R834	321-0380-00		RES., FXD, FILM: 88.7K OHM, 1%, 0.125W	91637	MFF1816G88701F
A11A1R835	321-1714-03		RES., FXD, FILM: 120 OHM, 0.25%, 0.125W	91637	MFF1816D12002C
A11A1R836	321-0193-00		RES., FXD, FILM: 1K OHM, 1%, 0.125W	91637	MFF1816G10000F
A11A1R837	315-0202-00		RES., FXD, CMPSN: 2K OHM, 5%, 0.25W	01121	CB2025
A11A1R840	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A11A1R841	315-0225-00		RES., FXD, CMPSN: 2.2M OHM, 5%, 0.25W	01121	CB2255
A11A1R842	315-0755-00		RES., FXD, CMPSN: 7.5M OHM, 5%, 0.25W	01121	CB7555
A11A1R843	315-0750-00		RES., FXD, CMPSN: 75 OHM, 5%, 0.25W	01121	CB7505
A11A1R844	321-0265-00		RES., FXD, FILM: 5.62K OHM, 1%, 0.125W	91637	MFF1816G56200F
A11A1R845	315-0562-00		RES., FXD, CMPSN: 5.6K OHM, 5%, 0.25W	01121	CB5625
A11A1R846	321-0272-00		RES., FXD, FILM: 6.65K OHM, 1%, 0.125W	91637	MFF1816G66500F
A11A1R920	308-0344-00		RES., FXD, WW: 18.2 OHM, 1%, 3W	91637	RS2B-K18R20F
A11A1R921	315-0561-00		RES., FXD, CMPSN: 560 OHM, 5%, 0.25W	01121	CB5615
A11A1R922	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A11A1R929	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A11A1R930	315-0562-00		RES., FXD, CMPSN: 5.6K OHM, 5%, 0.25W	01121	CB5625
A11A1R931	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A11A1R932	315-0681-00		RES., FXD, CMPSN: 680 OHM, 5%, 0.25W	01121	CB6815
A11A1T110	120-1320-00		TRANSFORMER, RF: HORIZ LINEARITY	80009	120-1320-00
A11A1T111	120-1319-00		TRANSFORMER, RF: TOROID 2 WINDS	80009	120-1319-00
A11A1TP110	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A11A1TP112	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A11A1TP134	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A11A1TP146	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A11A1TP148	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A11A1TP149	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A11A1TP150	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A11A1TP320	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A11A1TP332	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A11A1TP420	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A11A1TP510	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A11A1TP520	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A11A1TP530	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A11A1TP540	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A11A1TP546	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A11A1TP610	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A11A1TP620	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A11A1TP630	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A11A1TP639	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A11A1TP720	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A11A1TP730	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02

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A11A1TP739	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A11A1TP740	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A11A1TP742	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A11A1TP832	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A11A1TP920	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A11A1TP940	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A11A1U141	156-0742-02		MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER,SEL	01295	LM318P3
A11A1U230	156-0067-13		MICROCIRCUIT,LI:OPNL AMPL,SELECTED	04713	MC1741CUDS
A11A1U510	156-0742-02		MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER,SEL	01295	LM318P3
A11A1U511	156-1126-01		MICROCIRCUIT,LI:VOLTAGE COMPARATOR,SEL	04713	MLM311U
A11A1U520	156-0275-01		MICROCIRCUIT,LI:DUAL DIFF LINE DRVR,SCRN	07263	9615
A11A1U530	156-0721-00		MICROCIRCUIT,DI:ST POS-NAND GATES W/TP OUT	27014	DM74LS132N
A11A1U620	156-0936-00		MICROCIRCUIT,LI:OPNL AMPL,3080A,TO-5 PKG	80009	156-0936-00
A11A1U630	156-0706-01		MICROCIRCUIT,DI:DUAL MONOSTABLE MV,CHK	80009	156-0706-01
A11A1U730	156-0158-03		MICROCIRCUIT,LI:DUAL OPNL AMPL,CHK	80009	156-0158-03
A11A1U830	156-0514-01		MICROCIRCUIT,DI:DIFF 4-CHANNEL MUX,SEL	80009	156-0514-01
A11A1U910	156-0277-01		MICROCIRCUIT,LI:POSITIVE VOLTAGE REG	80009	156-0277-01
A11A1U940	156-1191-01		MICROCIRCUIT,LI:DUAL BI-FET OP-AMP,8 DIP	01295	TL072CP
A11A1VR420	152-0195-01		SEMICONV DEVICE:ZEN,SI,5.1V,5%,0.4W,TESTED	80009	152-0195-01
A11A1VR611	152-0688-00		SEMICONV DEVICE:ZENER,2.4V,5%,0.4W	04713	1N4370A
A11A1W247	131-0566-00		BUS CONDUCTOR:DUMMY RES,2.375,22 AWG	55210	L-2007-1
A11A2	-----		CKT BOARD ASSY:H DELAY STABILIZER		
A11A2C106	285-1214-00		CAP.,FXD,PLSTC:0.350UF,2%,400V	84411	TEK-221-35424
A11A2C107	285-1230-00		CAP.,FXD,PLSTC:0.055UF,2%,400V	84411	TEK-240-35324
A11A2C108	285-1227-00		CAP.,FXD,MTLZED:0.15UF,2%,400V	84411	X363UW-15424
A11A2C116	290-0771-00		CAP.,FXD,ELCTLT:220UF,+50-10%,10VDC	54473	ECE-A10V220L
A11A2C117	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104M
A11A2C120	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104M
A11A2C121	290-0804-00		CAP.,FXD,ELCTLT:10UF,+50-10%,25V	55680	25ULA10V-T
A11A2C123	290-0804-00		CAP.,FXD,ELCTLT:10UF,+50-10%,25V	55680	25ULA10V-T
A11A2C124	283-0603-00		CAP.,FXD,MICA D:113PF,2%,300V	00853	D153F1130G0
A11A2C138	283-0594-00		CAP.,FXD,MICA D:0.001UF,1%,100V	00853	D151F102F0
A11A2C210	285-1214-00		CAP.,FXD,PLSTC:0.350UF,2%,400V	84411	TEK-221-35424
A11A2C222	283-0599-00		CAP.,FXD,MICA D:98PF,5%,500V	00853	D105E980J0
A11A2C230	283-0672-00		CAP.,FXD,MICA D:200PF,1%,500V	00853	D155F2010F0
A11A2C231	283-0397-00		CAP.,FXD,CER DI:1160PF,2%,100V	04222	3430100A1160PFG
A11A2C232	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104M
A11A2C235	283-0616-00		CAP.,FXD,MICA D:75PF,5%,500V	00853	D155E750J0
A11A2C300	283-0618-00		CAP.,FXD,MICA D:130PF,2%,400V	00853	D155E131G0
A11A2C310	285-1229-00		CAP.,FXD,MTLZD:1.84UF,5,400V	84411	X363UW-1845-54
A11A2C314	290-0804-00		CAP.,FXD,ELCTLT:10UF,+50-10%,25V	55680	25ULA10V-T
A11A2C315	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104M
A11A2C321	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104M
A11A2C322	283-0058-00		CAP.,FXD,CER DI:0.027UF,10%,100V	72982	8131N147X7R0273
A11A2C324	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104M
A11A2C328	285-0659-00		CAP.,FXD,PLSTC:0.001UF,10%,100V	84411	TEK24-10291
A11A2C332	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104M
A11A2C333	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104M
A11A2C335	285-0597-00		CAP.,FXD,PLSTC:0.001UF,1%,100V	14752	410B1B102F
A11A2C357	285-1228-00		CAP.,FXD,MTLZD:0.82UF,5%,400V	84411	X363UW-82454
A11A2C406	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104M
A11A2C407	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104M
A11A2C415	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104M

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A11A2C420	283-0142-00		CAP., FXD, CER DI:0.0027UF, 5%, 200V	72982	875-571-Y5E0272J
A11A2C421	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A11A2C422	283-0142-00		CAP., FXD, CER DI:0.0027UF, 5%, 200V	72982	875-571-Y5E0272J
A11A2C429	283-0198-00		CAP., FXD, CER DI:0.22UF, 20%, 50V	72982	8121N083Z5U0224M
A11A2C435	290-0804-00		CAP., FXD, ELCTLT:10UF, +50-10%, 25V	55680	25ULA10V-T
A11A2C436	281-0775-00		CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8005D9AABZ5U104M
A11A2CR127	152-0141-02		SEMICONV DEVICE:SILICON, 30V, 150MA	01295	1N4152R
A11A2CR128	152-0141-02		SEMICONV DEVICE:SILICON, 30V, 150MA	01295	1N4152R
A11A2CR132	152-0141-02		SEMICONV DEVICE:SILICON, 30V, 150MA	01295	1N4152R
A11A2CR133	152-0141-02		SEMICONV DEVICE:SILICON, 30V, 150MA	01295	1N4152R
A11A2CR136	152-0141-02		SEMICONV DEVICE:SILICON, 30V, 150MA	01295	1N4152R
A11A2CR137	152-0141-02		SEMICONV DEVICE:SILICON, 30V, 150MA	01295	1N4152R
A11A2CR221	152-0141-02		SEMICONV DEVICE:SILICON, 30V, 150MA	01295	1N4152R
A11A2CR223	152-0141-02		SEMICONV DEVICE:SILICON, 30V, 150MA	01295	1N4152R
A11A2CR226	152-0141-02		SEMICONV DEVICE:SILICON, 30V, 150MA	01295	1N4152R
A11A2CR407	152-0141-02		SEMICONV DEVICE:SILICON, 30V, 150MA	01295	1N4152R
A11A2CR410	152-0141-02		SEMICONV DEVICE:SILICON, 30V, 150MA	01295	1N4152R
A11A2CR412	152-0141-02		SEMICONV DEVICE:SILICON, 30V, 150MA	01295	1N4152R
A11A2CR414	152-0141-02		SEMICONV DEVICE:SILICON, 30V, 150MA	01295	1N4152R
A11A2CR421	152-0141-02		SEMICONV DEVICE:SILICON, 30V, 150MA	01295	1N4152R
A11A2CR427	152-0141-02		SEMICONV DEVICE:SILICON, 30V, 150MA	01295	1N4152R
A11A2CR428	152-0141-02		SEMICONV DEVICE:SILICON, 30V, 150MA	01295	1N4152R
A11A2CR508	152-0457-00		SEMICONV DEVICE:SILICON, 25V	28480	5082-2068
A11A2CR510	152-0457-00		SEMICONV DEVICE:SILICON, 25V	28480	5082-2068
A11A2CR511	152-0141-02		SEMICONV DEVICE:SILICON, 30V, 150MA	01295	1N4152R
A11A2CR520	152-0141-02		SEMICONV DEVICE:SILICON, 30V, 150MA	01295	1N4152R
A11A2CR521	152-0457-00		SEMICONV DEVICE:SILICON, 25V	28480	5082-2068
A11A2J105	131-0589-00		TERM, PIN:0.46 L X 0.025 SQ. PH BRZ GL	22526	47350
A11A2J111	131-0589-00		TERM, PIN:0.46 L X 0.025 SQ. PH BRZ GL	22526	47350
A11A2J132	131-0589-00		TERM, PIN:0.46 L X 0.025 SQ. PH BRZ GL	22526	47350
A11A2J142	131-0589-00		TERM, PIN:0.46 L X 0.025 SQ. PH BRZ GL	22526	47350
A11A2J205	131-0589-00		TERM, PIN:0.46 L X 0.025 SQ. PH BRZ GL	22526	47350
A11A2J325	131-0608-00		TERMINAL, PIN:0.365 L X 0.025 PH BRZ GOLD	22526	47357
A11A2J405	131-0589-00		TERM, PIN:0.46 L X 0.025 SQ. PH BRZ GL	22526	47350
A11A2J505	131-0589-00		TERM, PIN:0.46 L X 0.025 SQ. PH BRZ GL	22526	47350
A11A2L115	108-0473-00		COIL, RF:150UH	80009	108-0473-00
A11A2Q221	151-0301-02		TRANSISTOR:SILICON, PNP	80009	151-0301-02
A11A2Q223	151-0192-03		TRANSISTOR:SILICON, NPN	80009	151-0192-03
A11A2Q316	151-0301-02		TRANSISTOR:SILICON, PNP	80009	151-0301-02
A11A2Q322	151-0192-03		TRANSISTOR:SILICON, NPN	80009	151-0192-03
A11A2Q331	151-0508-01		TRANSISTOR:UJT, ST, 2N6027, TO-68 BLE	80009	151-0508-01
A11A2Q332	151-0192-03		TRANSISTOR:SILICON, NPN	80009	151-0192-03
A11A2Q515	151-0302-01		TRANSISTOR:NPN, SI(SEL FROM 2N222A)	80009	151-0302-01
A11A2Q528	151-0302-01		TRANSISTOR:NPN, SI(SEL FROM 2N222A)	80009	151-0302-01
A11A2R114	315-0100-00		RES., FXD, CMPSN:10 OHM, 5%, 0.25W	01121	CB1005
A11A2R115	315-0680-00		RES., FXD, CMPSN:68 OHM, 5%, 0.25W	01121	CB6805
A11A2R117	321-0296-00		RES., FXD, FILM:11.8K OHM, 1%, 0.125W	91637	MFF1816G11801F
A11A2R121	315-0100-00		RES., FXD, CMPSN:10 OHM, 5%, 0.25W	01121	CB1005
A11A2R127	315-0101-00		RES., FXD, CMPSN:100 OHM, 5%, 0.25W	01121	CB1015
A11A2R132	315-0101-00		RES., FXD, CMPSN:100 OHM, 5%, 0.25W	01121	CB1015
A11A2R135	315-0101-00		RES., FXD, CMPSN:100 OHM, 5%, 0.25W	01121	CB1015
A11A2R136	315-0472-00		RES., FXD, CMPSN:4.7K OHM, 5%, 0.25W	01121	CB4725
A11A2R137	315-0101-00		RES., FXD, CMPSN:100 OHM, 5%, 0.25W	01121	CB1015
A11A2R138	321-0761-03		RES., FXD, FILM:35K OHM, 0.25%, 0.125W	91637	MFF1816D35001C
A11A2R215	315-0102-00		RES., FXD, CMPSN:1K OHM, 5%, 0.25W	01121	CB1025
A11A2R216	315-0102-00		RES., FXD, CMPSN:1K OHM, 5%, 0.25W	01121	CB1025
A11A2R217	315-0102-00		RES., FXD, CMPSN:1K OHM, 5%, 0.25W	01121	CB1025

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Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A11A2R221	315-0622-00		RES.,FXD,CMPSN:6.2K OHM,5%,0.25W	01121	CB6225
A11A2R222	315-0103-00		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
A11A2R223	315-0123-00		RES.,FXD,CMPSN:12K OHM,5%,0.25W	01121	CB1235
A11A2R224	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
A11A2R225	315-0103-00		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
A11A2R226	315-0133-00		RES.,FXD,CMPSN:13K OHM,5%,0.25W	01121	CB1335
A11A2R227	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A11A2R228	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A11A2R229	315-0103-00		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
A11A2R230	315-0153-00		RES.,FXD,CMPSN:15K OHM,5%,0.25W	01121	CB1535
A11A2R231	321-0373-00		RES.,FXD,FILM:75K OHM,1%,0.125W	91637	MFF1816G75001F
A11A2R232	321-0329-00		RES.,FXD,FILM:26.1K OHM,1%,0.125W	91637	MFF1816G26101F
A11A2R233	321-0394-00		RES.,FXD,FILM:124K OHM,1%,0.125W	91637	MFF1816G12402F
A11A2R234	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A11A2R235	315-0271-00		RES.,FXD,CMPSN:270 OHM,5%,0.25W	01121	CB2715
A11A2R236	315-0682-00		RES.,FXD,CMPSN:6.8K OHM,5%,0.25W	01121	CB6825
A11A2R238	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
A11A2R313	315-0103-00		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
A11A2R314	315-0133-00		RES.,FXD,CMPSN:13K OHM,5%,0.25W	01121	CB1335
A11A2R315	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A11A2R316	315-0104-00		RES.,FXD,CMPSN:100K OHM,5%,0.25W	01121	CB1045
A11A2R320	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A11A2R321	321-0203-00		RES.,FXD,FILM:1.27K OHM,1%,0.125W	91637	MFF1816G12700F
A11A2R322	321-0193-00		RES.,FXD,FILM:1K OHM,1%,0.125W	91637	MFF1816G10000F
A11A2R323	315-0512-00		RES.,FXD,CMPSN:5.1K OHM,5%,0.25W	01121	CB5125
A11A2R324	315-0103-00		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
A11A2R325	315-0106-00		RES.,FXD,CMPSN:10M OHM,5%,0.25W	01121	CB1065
A11A2R332	315-0104-00		RES.,FXD,CMPSN:100K OHM,5%,0.25W	01121	CB1045
A11A2R405	321-0434-00		RES.,FXD,FILM:324K OHM,1%,0.125W	91637	MFF1816G32402F
A11A2R406	315-0100-00		RES.,FXD,CMPSN:10 OHM,5%,0.25W	01121	CB1005
A11A2R407	315-0152-00		RES.,FXD,CMPSN:1.5K OHM,5%,0.25W	01121	CB1525
A11A2R410	315-0182-00		RES.,FXD,CMPSN:1.8K OHM,5%,0.25W	01121	CB1825
A11A2R413	321-0210-00		RES.,FXD,FILM:1.5K OHM,1%,0.125W	91637	MFF1816G15000F
A11A2R414	321-0132-00		RES.,FXD,FILM:232 OHM,1%,0.125W	91637	MFF1816G232R0F
A11A2R420	315-0272-00		RES.,FXD,CMPSN:2.7K OHM,5%,0.25W	01121	CB2725
A11A2R421	315-0103-00		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
A11A2R422	315-0681-00		RES.,FXD,CMPSN:680 OHM,5%,0.25W	01121	CB6815
A11A2R426	321-0270-00		RES.,FXD,FILM:6.34K OHM,1%,0.125W	91637	MFF1816G63400F
A11A2R427	321-0256-00		RES.,FXD,FILM:4.53K OHM,1%,0.125W	91637	MFF1816G45300F
A11A2R428	315-0514-00		RES.,FXD,CMPSN:510K OHM,5%,0.25W	01121	CB5145
A11A2R434	321-0291-00		RES.,FXD,FILM:10.5K OHM,1%,0.125W	91637	MFF1816G10501F
A11A2R435	321-0289-00		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
A11A2R436	311-0633-00		RES.,VAR, NONWIR:5K OHM,10%,0.50W	73138	82-30-1
A11A2R437	315-0751-00		RES.,FXD,CMPSN:750 OHM,5%,0.25W	01121	CB7515
A11A2R507	315-0101-00		RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
A11A2R508	315-0101-00		RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
A11A2R509	315-0152-00		RES.,FXD,CMPSN:1.5K OHM,5%,0.25W	01121	CB1525
A11A2R510	315-0103-00		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
A11A2R521	315-0101-00		RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
A11A2R522	315-0152-00		RES.,FXD,CMPSN:1.5K OHM,5%,0.25W	01121	CB1525
A11A2R528	315-0183-00		RES.,FXD,CMPSN:18K OHM,5%,0.25W	01121	CB1835
A11A2R529	315-0152-00		RES.,FXD,CMPSN:1.5K OHM,5%,0.25W	01121	CB1525
A11A2TP111	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A11A2TP120	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A11A2TP220	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A11A2TP221	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A11A2TP225	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02

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Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A11A2TP228	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A11A2TP231	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A11A2TP315	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A11A2TP320	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A11A2TP325	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A11A2TP332	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A11A2TP420	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A11A2TP428	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A11A2TP435	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A11A2TP504	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A11A2TP505	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A11A2TP514	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A11A2TP516	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A11A2TP527	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A11A2U124	156-0274-01		MICROCIRCUIT, LI: DUAL DIFF LINE RCVR, SCRN	07263	9615
A11A2U215	156-0072-02		MICROCIRCUIT, DI: MONOSTABLE MV, BURN-IN	27014	DM8852
A11A2U217	156-0387-01		MICROCIRCUIT, DI: DUAL J-K FLIP FLOP, CHK	80009	156-0387-01
A11A2U232	156-0072-02		MICROCIRCUIT, DI: MONOSTABLE MV, BURN-IN	27014	DM8852
A11A2U321	156-0158-03		MICROCIRCUIT, LI: DUAL OPNL AMPL, CHK	80009	156-0158-03
A11A2U323	156-0936-00		MICROCIRCUIT, LI: OPNL AMPL, 3080A, TO-5 PKG	80009	156-0936-00
A11A2U332	156-1149-01		MICROCIRCUIT, LI: OPER AMPL, JFET, BURN-IN	27014	LF351N/A+
A11A2U427	156-1126-01		MICROCIRCUIT, LI: VOLTAGE COMPARATOR, SEL	04713	MLM311U
A11A2VR315	152-0395-00		SEMICONV DEVICE: ZENER, 0.4W, 4.3V, 5%	14552	TD332317
A11A2VR413	152-0638-00		SEMICONV DEVICE: ZENER, 0.4W, 7V, 5%	80009	152-0638-00
A11A2VR437	152-0212-00		SEMICONV DEVICE: ZENER, 0.5W, 9V, 5%	04713	SZ50646RL

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Component No.	Tektronix Part No.	Serial/Model No. Eff Dscnt	Name & Description	Mfr Code	Mfr Part Number
A12	-----		CKT BOARD ASSY:CRT SOCKET		
A12C305	285-1082-00		CAP.,FXD,PLSTC:0.47UF,20%,200V	14752	230B1C474
A12C317	285-1082-00		CAP.,FXD,PLSTC:0.47UF,20%,200V	14752	230B1C474
A12C329	285-1082-00		CAP.,FXD,PLSTC:0.47UF,20%,200V	14752	230B1C474
A12C409	290-0806-00		CAP.,FXD,ELCTLT:3.3UF,+75-10%,350VDC	55680	35OUNA 3.3V-T
A12C425	290-0806-00		CAP.,FXD,ELCTLT:3.3UF,+75-10%,350VDC	55680	35OUNA 3.3V-T
A12C437	290-0806-00		CAP.,FXD,ELCTLT:3.3UF,+75-10%,350VDC	55680	35OUNA 3.3V-T
A12E209	119-0181-00		ARSR,ELEC SURGE:230V,GAS FILLED	80009	119-0181-00
A12E225	119-0181-00		ARSR,ELEC SURGE:230V,GAS FILLED	80009	119-0181-00
A12E237	119-0181-00		ARSR,ELEC SURGE:230V,GAS FILLED	80009	119-0181-00
A12L105	108-0422-00		COIL,RF:FIXED,82UH	80009	108-0422-00
A12L115	108-0422-00		COIL,RF:FIXED,82UH	80009	108-0422-00
A12L129	108-0422-00		COIL,RF:FIXED,82UH	80009	108-0422-00
A12L409	114-0407-00		COIL,RF:VAR,1.9-4.5UH	80009	114-0407-00
A12L419	114-0407-00		COIL,RF:VAR,1.9-4.5UH	80009	114-0407-00
A12L445	114-0407-00		COIL,RF:VAR,1.9-4.5UH	80009	114-0407-00
A12P500	131-0589-00		TERM,PIN:0.46 L X 0.025 SQ.PH BRZ GL	22526	47350
A12P525	131-0589-00		TERM,PIN:0.46 L X 0.025 SQ.PH BRZ GL	22526	47350
A12P535	131-0589-00		TERM,PIN:0.46 L X 0.025 SQ.PH BRZ GL	22526	47350
A12R102	308-0836-00		RES.,FXD,WW:1.2 OHM,5%,1W FUSIBLE	75042	BW-20F-1.2
A12R112	308-0836-00		RES.,FXD,WW:1.2 OHM,5%,1W FUSIBLE	75042	BW-20F-1.2
A12R206	308-0834-00		RES.,FXD,WW:500 OHM,1%,13W	91637	NS105000ROF
A12R209	305-0201-00		RES.,FXD,CMPNS:200 OHM,5%,2W	01121	HB2015
A12R212	308-0836-00		RES.,FXD,WW:1.2 OHM,5%,1W FUSIBLE	75042	BW-20F-1.2
A12R219	308-0834-00		RES.,FXD,WW:500 OHM,1%,13W	91637	NS105000ROF
A12R225	305-0201-00		RES.,FXD,CMPNS:200 OHM,5%,2W	01121	HB2015
A12R234	308-0834-00		RES.,FXD,WW:500 OHM,1%,13W	91637	NS105000ROF
A12R237	305-0201-00		RES.,FXD,CMPNS:200 OHM,5%,2W	01121	HB2015
A12R309	305-0101-02		RES.,FXD,CMPNS:100 OHM,5%,2W	01121	HB1015
A12R325	305-0101-02		RES.,FXD,CMPNS:100 OHM,5%,2W	01121	HB1015
A12R337	305-0101-02		RES.,FXD,CMPNS:100 OHM,5%,2W	01121	HB1015
A12R405	315-0434-00		RES.,FXD,CMPNS:430K OHM,5%,0.25W	01121	CB4345
A12R417	315-0434-00		RES.,FXD,CMPNS:430K OHM,5%,0.25W	01121	CB4345
A12R425	315-0434-00		RES.,FXD,CMPNS:430K OHM,5%,0.25W	01121	CB4345
A12TP405	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A12TP410	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A12TP417	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A12TP419	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A12TP425	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A12TP437	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02

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Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A13	-----		CKT BOARD ASSY:VIDEO AMPL		
A13CR125	152-0721-00		SEMICONV DEVICE:RECT,SI,100V,12A,FAST REC	25403	BYW30-100U
A13CR126	152-0721-00		SEMICONV DEVICE:RECT,SI,100V,12A,FAST REC	25403	BYW30-100U
A13A1	-----		CKT BOARD ASSY:VIDEO AMPL		
A13A1C105	290-0804-00		CAP.,FXD,ELCTLT:10UF,+50-10%,25V	55680	25ULA10V-T
A13A1C106	290-0804-00		CAP.,FXD,ELCTLT:10UF,+50-10%,25V	55680	25ULA10V-T
A13A1C107	290-0942-00		CAP.,FXD,ELCTLT:100UF,+100-10%,25V	56289	672D107H025CG2C
A13A1C108	290-0942-00		CAP.,FXD,ELCTLT:100UF,+100-10%,25V	56289	672D107H025CG2C
A13A1C110	290-0942-00		CAP.,FXD,ELCTLT:100UF,+100-10%,25V	56289	672D107H025CG2C
A13A1C115	290-0800-00		CAP.,FXD,ELCTLT:250UF,+100-10%,20V	56289	672D257H0200M5C
A13A1C121	281-0773-00		CAP.,FXD,CER DI:0.01UF,10%,100V	04222	GC70-1C103K
A13A1C130	283-0059-00		CAP.,FXD,CER DI:1UF,+80-20%,25V	72982	8131N031Z5U0105Z
A13A1C134	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104M
A13A1C142	283-0017-00		CAP.,FXD,CER DI:1UF,+80-20%,3V	91418	MX105Z0304R0
A13A1C145	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104M
A13A1C147	281-0810-00		CAP.,FXD,CER DI:5.6PF,0.5%,100V	72982	1035D2ADC0G569D
A13A1C150	283-0017-00		CAP.,FXD,CER DI:1UF,+80-20%,3V	91418	MX105Z0304R0
A13A1C160	281-0791-00		CAP.,FXD,CER DI:270PF,10%,100V	72982	8035D2AADX5R271K
A13A1C164	285-0629-00		CAP.,FXD,PLSTC:0.047UF,20%,100V	56289	410P47301
A13A1C173	283-0059-00		CAP.,FXD,CER DI:1UF,+80-20%,25V	72982	8131N031Z5U0105Z
A13A1C184	281-0773-00		CAP.,FXD,CER DI:0.01UF,10%,100V	04222	GC70-1C103K
A13A1C187	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104M
A13A1C205	290-0939-00		CAP.,FXD,ELCTLT:10UF,+100-10%,100V	56289	672D106H100CG2C
A13A1C209	290-0779-00		CAP.,FXD,ELCTLT:10UF,+50-10%,50VDC	56289	502D237
A13A1C216	290-0758-00		CAP.,FXD,ELCTLT:2.2UF,+50-10%,160V	56289	502D227
A13A1C239	281-0773-00		CAP.,FXD,CER DI:0.01UF,10%,100V	04222	GC70-1C103K
A13A1C240	281-0773-00		CAP.,FXD,CER DI:0.01UF,10%,100V	04222	GC70-1C103K
A13A1C241	281-0773-00		CAP.,FXD,CER DI:0.01UF,10%,100V	04222	GC70-1C103K
A13A1C251	281-0773-00		CAP.,FXD,CER DI:0.01UF,10%,100V	04222	GC70-1C103K
A13A1C254	281-0773-00		CAP.,FXD,CER DI:0.01UF,10%,100V	04222	GC70-1C103K
A13A1C264	285-1082-00		CAP.,FXD,PLSTC:0.47UF,20%,200V	14752	230B1C474
A13A1C265	283-0500-00		CAP.,FXD,MICA D:16.8PF,+/-0.5PF,500V	00853	D155C16.8D0
A13A1C266	281-0773-00		CAP.,FXD,CER DI:0.01UF,10%,100V	04222	GC70-1C103K
A13A1C275	281-0773-00		CAP.,FXD,CER DI:0.01UF,10%,100V	04222	GC70-1C103K
A13A1C281	281-0773-00		CAP.,FXD,CER DI:0.01UF,10%,100V	04222	GC70-1C103K
A13A1C292	285-1050-00		CAP.,FXD,PLSTC:0.1UF,1%,200V	14752	230B1C104F
A13A1C308	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104M
A13A1C312	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104M
A13A1C325	283-0059-00		CAP.,FXD,CER DI:1UF,+80-20%,25V	72982	8131N031Z5U0105Z
A13A1C327	281-0773-00		CAP.,FXD,CER DI:0.01UF,10%,100V	04222	GC70-1C103K
A13A1C337	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104M
A13A1C342	283-0017-00		CAP.,FXD,CER DI:1UF,+80-20%,3V	91418	MX105Z0304R0
A13A1C345	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104M
A13A1C347	281-0810-00		CAP.,FXD,CER DI:5.6PF,0.5%,100V	72982	1035D2ADC0G569D
A13A1C351	283-0017-00		CAP.,FXD,CER DI:1UF,+80-20%,3V	91418	MX105Z0304R0
A13A1C360	281-0791-00		CAP.,FXD,CER DI:270PF,10%,100V	72982	8035D2AADX5R271K
A13A1C364	285-0629-00		CAP.,FXD,PLSTC:0.047UF,20%,100V	56289	410P47301
A13A1C373	283-0059-00		CAP.,FXD,CER DI:1UF,+80-20%,25V	72982	8131N031Z5U0105Z
A13A1C383	281-0773-00		CAP.,FXD,CER DI:0.01UF,10%,100V	04222	GC70-1C103K
A13A1C386	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104M
A13A1C408	281-0809-00		CAP.,FXD,CER DI:200PF,5%,100V	72982	8013T2ADDC1G201
A13A1C417	281-0812-00		CAP.,FXD,CER DI:1000PF,10%,100V	72982	8035D9AADX7R102
A13A1C436	281-0773-00		CAP.,FXD,CER DI:0.01UF,10%,100V	04222	GC70-1C103K

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Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A13A1C437	281-0773-00		CAP.,FXD,CER DI:0.01UF,10%,100V	04222	GC70-1C103K
A13A1C440	281-0773-00		CAP.,FXD,CER DI:0.01UF,10%,100V	04222	GC70-1C103K
A13A1C447	281-0773-00		CAP.,FXD,CER DI:0.01UF,10%,100V	04222	GC70-1C103K
A13A1C450	281-0773-00		CAP.,FXD,CER DI:0.01UF,10%,100V	04222	GC70-1C103K
A13A1C453	281-0773-00		CAP.,FXD,CER DI:0.01UF,10%,100V	04222	GC70-1C103K
A13A1C462	285-1082-00		CAP.,FXD,PLSTC:0.47UF,20%,200V	14752	230B1C474
A13A1C463	283-0500-00		CAP.,FXD,MICA D:16.8PF,+/-0.5PF,500V	00853	D155C16.8D0
A13A1C476	281-0773-00		CAP.,FXD,CER DI:0.01UF,10%,100V	04222	GC70-1C103K
A13A1C481	281-0773-00		CAP.,FXD,CER DI:0.01UF,10%,100V	04222	GC70-1C103K
A13A1C492	285-1050-00		CAP.,FXD,PLSTC:0.1UF,1%,200V	14752	230B1C104F
A13A1C505	281-0809-00		CAP.,FXD,CER DI:200PF,5%,100V	72982	8013T2ADDC1G201J
A13A1C508	281-0814-00		CAP.,FXD,CER DI:100PF,10%,100V	04222	GC70-1-A101K
A13A1C516	281-0791-00		CAP.,FXD,CER DI:270PF,10%,100V	72982	8035D2AADX5R271K
A13A1C517	281-0823-00		CAP.,FXD,CER DI:470PF,10%,50V	12969	CGB471KDN
A13A1C524	283-0059-00		CAP.,FXD,CER DI:1UF,+80-20%,25V	72982	8131N031Z5U0105Z
A13A1C525	281-0773-00		CAP.,FXD,CER DI:0.01UF,10%,100V	04222	GC70-1C103K
A13A1C533	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104M
A13A1C541	283-0017-00		CAP.,FXD,CER DI:1UF,+80-20%,3V	91418	MX10520304R0
A13A1C546	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104M
A13A1C547	281-0773-00		CAP.,FXD,CER DI:0.01UF,10%,100V	04222	GC70-1C103K
A13A1C551	281-0810-00		CAP.,FXD,CER DI:5.6PF,0.5%,100V	72982	1035D2ADC0G569D
A13A1C552	283-0017-00		CAP.,FXD,CER DI:1UF,+80-20%,3V	91418	MX10520304R0
A13A1C556	281-0773-00		CAP.,FXD,CER DI:0.01UF,10%,100V	04222	GC70-1C103K
A13A1C561	281-0791-00		CAP.,FXD,CER DI:270PF,10%,100V	72982	8035D2AADX5R271K
A13A1C566	285-0629-00		CAP.,FXD,PLSTC:0.047UF,20%,100V	56289	410P47301
A13A1C575	283-0059-00		CAP.,FXD,CER DI:1UF,+80-20%,25V	72982	8131N031Z5U0105Z
A13A1C576	283-0500-00		CAP.,FXD,MICA D:16.8PF,+/-0.5PF,500V	00853	D155C16.8D0
A13A1C583	281-0773-00		CAP.,FXD,CER DI:0.01UF,10%,100V	04222	GC70-1C103K
A13A1C586	281-0775-00		CAP.,FXD,CER DI:0.1UF,20%,50V	72982	8005D9AABZ5U104M
A13A1C602	283-0268-00		CAP.,FXD,CER DI:0.015UF,10%,50V	72982	8121N083X7R0153K
A13A1C636	281-0773-00		CAP.,FXD,CER DI:0.01UF,10%,100V	04222	GC70-1C103K
A13A1C640	281-0773-00		CAP.,FXD,CER DI:0.01UF,10%,100V	04222	GC70-1C103K
A13A1C650	281-0773-00		CAP.,FXD,CER DI:0.01UF,10%,100V	04222	GC70-1C103K
A13A1C665	285-1082-00		CAP.,FXD,PLSTC:0.47UF,20%,200V	14752	230B1C474
A13A1C667	281-0773-00		CAP.,FXD,CER DI:0.01UF,10%,100V	04222	GC70-1C103K
A13A1C672	281-0773-00		CAP.,FXD,CER DI:0.01UF,10%,100V	04222	GC70-1C103K
A13A1C681	281-0773-00		CAP.,FXD,CER DI:0.01UF,10%,100V	04222	GC70-1C103K
A13A1C692	285-1050-00		CAP.,FXD,PLSTC:0.1UF,1%,200V	14752	230B1C104F
A13A1CR123	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A13A1CR139	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A13A1CR140	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A13A1CR150	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A13A1CR151	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A13A1CR152	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A13A1CR160	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A13A1CR161	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A13A1CR185	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A13A1CR186	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A13A1CR191	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A13A1CR229	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A13A1CR230	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A13A1CR231	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A13A1CR232	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A13A1CR233	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A13A1CR234	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A13A1CR250	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R
A13A1CR252	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	01295	1N4152R

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Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Num
A13A1CR254	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR255	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR274	152-0242-00		SEMICON D DEVICE: SILICON, 225V, 200MA	07263	FDH5004
A13A1CR275	152-0242-00		SEMICON D DEVICE: SILICON, 225V, 200MA	07263	FDH5004
A13A1CR277	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR281	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR282	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR293	152-0242-00		SEMICON D DEVICE: SILICON, 225V, 200MA	07263	FDH5004
A13A1CR294	152-0242-00		SEMICON D DEVICE: SILICON, 225V, 200MA	07263	FDH5004
A13A1CR335	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR336	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR351	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR352	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR353	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR360	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR361	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR385	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR386	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR391	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR402	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR415	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR422	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR423	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR424	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR425	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR438	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR439	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR450	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR451	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR453	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR454	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR474	152-0242-00		SEMICON D DEVICE: SILICON, 225V, 200MA	07263	FDH5004
A13A1CR475	152-0242-00		SEMICON D DEVICE: SILICON, 225V, 200MA	07263	FDH5004
A13A1CR477	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR481	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR482	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR493	152-0242-00		SEMICON D DEVICE: SILICON, 225V, 200MA	07263	FDH5004
A13A1CR494	152-0242-00		SEMICON D DEVICE: SILICON, 225V, 200MA	07263	FDH5004
A13A1CR519	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR535	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR536	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR537	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR539	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR551	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR552	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR553	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR556	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR561	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR562	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR579	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR585	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR586	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR591	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR604	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR614	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR616	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR617	152-0141-02		SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R

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Component No.	Tektronix Part No.	Serial/Model No. Eff	Discont	Name & Description	Mfr Code	Mfr Part Number
A13A1CR618	152-0141-02			SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR623	152-0141-02			SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR624	152-0141-02			SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR625	152-0141-02			SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR626	152-0141-02			SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR650	152-0141-02			SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR651	152-0141-02			SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR652	152-0141-02			SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR671	152-0242-00			SEMICON D DEVICE: SILICON, 225V, 200MA	07263	FDH5004
A13A1CR672	152-0242-00			SEMICON D DEVICE: SILICON, 225V, 200MA	07263	FDH5004
A13A1CR681	152-0141-02			SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR682	152-0141-02			SEMICON D DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A13A1CR694	152-0242-00			SEMICON D DEVICE: SILICON, 225V, 200MA	07263	FDH5004
A13A1CR695	152-0242-00			SEMICON D DEVICE: SILICON, 225V, 200MA	07263	FDH5004
A13A1J215	131-0608-00			TERMINAL, PIN: 0.365 L X 0.025 PH BRZ GOLD	22526	47357
A13A1J230	131-0391-00			CONNECTOR, RCPT, : 50 OHM, COAX, SNAP-ON MALE	98291	51-051-0049
A13A1J290	131-0589-00			TERM, PIN: 0.46 L X 0.025 SQ. PH BRZ GL	22526	47350
A13A1J430	131-0391-00			CONNECTOR, RCPT, : 50 OHM, COAX, SNAP-ON MALE	98291	51-051-0049
A13A1J490	131-0589-00			TERM, PIN: 0.46 L X 0.025 SQ. PH BRZ GL	22526	47350
A13A1J630	131-0391-00			CONNECTOR, RCPT, : 50 OHM, COAX, SNAP-ON MALE	98291	51-051-0049
A13A1J690	131-0589-00			TERM, PIN: 0.46 L X 0.025 SQ. PH BRZ GL	22526	47350
A13A1L173	114-0220-00			COIL, RF: 1-3UH, CORE 276-0568-00	80009	114-0220-00
A13A1L304	108-0422-00			COIL, RF: FIXED, 82UH	80009	108-0422-00
A13A1L373	114-0220-00			COIL, RF: 1-3UH, CORE 276-0568-00	80009	114-0220-00
A13A1L573	114-0220-00			COIL, RF: 1-3UH, CORE 276-0568-00	80009	114-0220-00
A13A1Q131	151-0302-01			TRANSISTOR: NPN, SI (SEL FROM 2N222A)	80009	151-0302-01
A13A1Q136	151-0302-01			TRANSISTOR: NPN, SI (SEL FROM 2N222A)	80009	151-0302-01
A13A1Q137	151-0302-01			TRANSISTOR: NPN, SI (SEL FROM 2N222A)	80009	151-0302-01
A13A1Q138	151-0459-01			TRANSISTOR: SILICON, PNP	80009	151-0459-01
A13A1Q147	151-0254-00			TRANSISTOR: SILICON, NPN	03508	X38L3118
A13A1Q148	151-0459-01			TRANSISTOR: SILICON, PNP	80009	151-0459-01
A13A1Q149	151-1021-00			TRANSISTOR: SILICON, JFE	17856	FN815
A13A1Q150	151-0192-03			TRANSISTOR: SILICON, NPN	80009	151-0192-03
A13A1Q155	151-0230-00			TRANSISTOR: SILICON, NPN	01295	SAC6176
A13A1Q156	151-0230-00			TRANSISTOR: SILICON, NPN	01295	SAC6176
A13A1Q157	151-0230-00			TRANSISTOR: SILICON, NPN	01295	SAC6176
A13A1Q159	151-0109-00			TRANSISTOR: SILICON, NPN	80009	151-0109-00
A13A1Q162	151-0280-01			TRANSISTOR: SILICON, PNP, SEL	04713	ST1390H
A13A1Q163	151-0254-00			TRANSISTOR: SILICON, NPN	03508	X38L3118
A13A1Q173	151-0302-01			TRANSISTOR: NPN, SI (SEL FROM 2N222A)	80009	151-0302-01
A13A1Q181	151-0441-00			TRANSISTOR: SILICON, NPN	04713	SRF501
A13A1Q182	151-0434-02			TRANSISTOR: SS7144, SELECTED	80009	151-0434-02
A13A1Q230	151-0459-01			TRANSISTOR: SILICON, PNP	80009	151-0459-01
A13A1Q246	151-0127-04			TRANSISTOR: SILICON, NPN, PRESTRESSED	80009	151-0127-04
A13A1Q247	151-0192-03			TRANSISTOR: SILICON, NPN	80009	151-0192-03
A13A1Q251	151-0254-00			TRANSISTOR: SILICON, NPN	03508	X38L3118
A13A1Q281	151-0254-00			TRANSISTOR: SILICON, NPN	03508	X38L3118
A13A1Q291	151-1143-00			TRANSISTOR: FE, N-CHANNEL, SI TO-117	80009	151-1143-00
A13A1Q325	151-0302-01			TRANSISTOR: NPN, SI (SEL FROM 2N222A)	80009	151-0302-01
A13A1Q330	151-0302-01			TRANSISTOR: NPN, SI (SEL FROM 2N222A)	80009	151-0302-01
A13A1Q337	151-0459-01			TRANSISTOR: SILICON, PNP	80009	151-0459-01
A13A1Q338	151-0302-01			TRANSISTOR: NPN, SI (SEL FROM 2N222A)	80009	151-0302-01
A13A1Q339	151-0302-01			TRANSISTOR: NPN, SI (SEL FROM 2N222A)	80009	151-0302-01
A13A1Q347	151-0254-00			TRANSISTOR: SILICON, NPN	03508	X38L3118
A13A1Q348	151-0459-01			TRANSISTOR: SILICON, PNP	80009	151-0459-01
A13A1Q349	151-1021-00			TRANSISTOR: SILICON, JFE	17856	FN815
A13A1Q350	151-0192-03			TRANSISTOR: SILICON, NPN	80009	151-0192-03

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Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A13A1Q355	151-0230-00		TRANSISTOR: SILICON, NPN	01295	SAC6176
A13A1Q356	151-0230-00		TRANSISTOR: SILICON, NPN	01295	SAC6176
A13A1Q357	151-0230-00		TRANSISTOR: SILICON, NPN	01295	SAC6176
A13A1Q358	151-0109-00		TRANSISTOR: SILICON, NPN	80009	151-0109-00
A13A1Q362	151-0280-01		TRANSISTOR: SILICON, PNP, SEL	04713	ST1390H
A13A1Q363	151-0254-00		TRANSISTOR: SILICON, NPN	03508	X38L3118
A13A1Q373	151-0302-01		TRANSISTOR: NPN, SI (SEL FROM 2N222A)	80009	151-0302-01
A13A1Q381	151-0441-00		TRANSISTOR: SILICON, NPN	04713	SRF501
A13A1Q382	151-0434-02		TRANSISTOR: SS7144, SELECTED	80009	151-0434-02
A13A1Q400	151-0301-02		TRANSISTOR: SILICON, PNP	80009	151-0301-02
A13A1Q408	151-0459-01		TRANSISTOR: SILICON, PNP	80009	151-0459-01
A13A1Q409	151-0459-01		TRANSISTOR: SILICON, PNP	80009	151-0459-01
A13A1Q431	151-0459-01		TRANSISTOR: SILICON, PNP	80009	151-0459-01
A13A1Q445	151-0127-04		TRANSISTOR: SILICON, NPN, PRESTRESSED	80009	151-0127-04
A13A1Q446	151-0192-03		TRANSISTOR: SILICON, NPN	80009	151-0192-03
A13A1Q450	151-0254-00		TRANSISTOR: SILICON, NPN	03508	X38L3118
A13A1Q481	151-0254-00		TRANSISTOR: SILICON, NPN	03508	X38L3118
A13A1Q491	151-1143-00		TRANSISTOR: FE, N-CHANNEL, SI TO-117	80009	151-1143-00
A13A1Q524	151-0302-01		TRANSISTOR: NPN, SI (SEL FROM 2N222A)	80009	151-0302-01
A13A1Q537	151-0302-01		TRANSISTOR: NPN, SI (SEL FROM 2N222A)	80009	151-0302-01
A13A1Q538	151-0459-01		TRANSISTOR: SILICON, PNP	80009	151-0459-01
A13A1Q539	151-0302-01		TRANSISTOR: NPN, SI (SEL FROM 2N222A)	80009	151-0302-01
A13A1Q542	151-0254-00		TRANSISTOR: SILICON, NPN	03508	X38L3118
A13A1Q543	151-0459-01		TRANSISTOR: SILICON, PNP	80009	151-0459-01
A13A1Q544	151-1021-00		TRANSISTOR: SILICON, JFE	17856	FN815
A13A1Q545	151-0192-03		TRANSISTOR: SILICON, NPN	80009	151-0192-03
A13A1Q546	151-0127-04		TRANSISTOR: SILICON, NPN, PRESTRESSED	80009	151-0127-04
A13A1Q551	151-0254-00		TRANSISTOR: SILICON, NPN	03508	X38L3118
A13A1Q552	151-0230-00		TRANSISTOR: SILICON, NPN	01295	SAC6176
A13A1Q553	151-0230-00		TRANSISTOR: SILICON, NPN	01295	SAC6176
A13A1Q554	151-0230-00		TRANSISTOR: SILICON, NPN	01295	SAC6176
A13A1Q562	151-0280-01		TRANSISTOR: SILICON, PNP, SEL	04713	ST1390H
A13A1Q564	151-0109-00		TRANSISTOR: SILICON, NPN	80009	151-0109-00
A13A1Q565	151-0254-00		TRANSISTOR: SILICON, NPN	03508	X38L3118
A13A1Q575	151-0302-01		TRANSISTOR: NPN, SI (SEL FROM 2N222A)	80009	151-0302-01
A13A1Q581	151-0434-02		TRANSISTOR: SS7144, SELECTED	80009	151-0434-02
A13A1Q582	151-0441-00		TRANSISTOR: SILICON, NPN	04713	SRF501
A13A1Q608	151-0459-01		TRANSISTOR: SILICON, PNP	80009	151-0459-01
A13A1Q635	151-0459-01		TRANSISTOR: SILICON, PNP	80009	151-0459-01
A13A1Q643	151-0192-03		TRANSISTOR: SILICON, NPN	80009	151-0192-03
A13A1Q681	151-0254-00		TRANSISTOR: SILICON, NPN	03508	X38L3118
A13A1Q691	151-1143-00		TRANSISTOR: FE, N-CHANNEL, SI TO-117	80009	151-1143-00
A13A1R119	311-0607-00		RES., VAR, NONWIR: 10K OHM, 10%, 0.50W	73138	82-25-2
A13A1R120	321-0193-00		RES., FXD, FILM: 1K OHM, 1%, 0.125W	91637	MFF1816G10000F
A13A1R122	321-0346-00		RES., FXD, FILM: 39.2K OHM, 1%, 0.125W	91637	MFF1816G39201F
A13A1R125	311-1232-00		RES., VAR, NONWIR: 50K OHM, 20%, 0.50W	32997	3386F-T04-503
A13A1R126	315-0104-00		RES., FXD, CMPSN: 100K OHM, 5%, 0.25W	01121	CB1045
A13A1R127	321-0222-00		RES., FXD, FILM: 2K OHM, 1%, 0.125W	91637	MFF1816G20000F
A13A1R128	315-0100-00		RES., FXD, CMPSN: 10 OHM, 5%, 0.25W	01121	CB1005
A13A1R129	315-0100-00		RES., FXD, CMPSN: 10 OHM, 5%, 0.25W	01121	CB1005
A13A1R130	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A13A1R131	321-0222-00		RES., FXD, FILM: 2K OHM, 1%, 0.125W	91637	MFF1816G20000F
A13A1R133	321-0178-00		RES., FXD, FILM: 698 OHM, 1%, 0.125W	91637	MFF1816G698ROF
A13A1R134	321-0188-00		RES., FXD, FILM: 887 OHM, 1%, 0.125W	91637	MFF1816G887ROF
A13A1R135	311-1223-00		RES., VAR, NONWIR: TRMR, 250 OHM, 0.5W	02111	63M251T602
A13A1R136	315-0821-00		RES., FXD, CMPSN: 820 OHM, 5%, 0.25W	01121	CB8215
A13A1R140	315-0391-00		RES., FXD, CMPSN: 390 OHM, 5%, 0.25W	01121	CB3915

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A13A1R141	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
A13A1R142	315-0101-00		RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
A13A1R143	315-0152-00		RES.,FXD,CMPSN:1.5K OHM,5%,0.25W	01121	CB1525
A13A1R144	315-0103-00		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
A13A1R145	315-0302-00		RES.,FXD,CMPSN:3K OHM,5%,0.25W	01121	CB3025
A13A1R146	321-0164-00		RES.,FXD,FILM:499 OHM,1%,0.125W	91637	MFF1816G499ROF
A13A1R150	315-0101-00		RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
A13A1R151	315-0100-00		RES.,FXD,CMPSN:10 OHM,5%,0.25W	01121	CB1005
A13A1R152	315-0100-00		RES.,FXD,CMPSN:10 OHM,5%,0.25W	01121	CB1005
A13A1R153	321-0213-00		RES.,FXD,FILM:1.62K OHM,1%,0.125W	91637	MFF1816G16200F
A13A1R154	321-0306-00		RES.,FXD,FILM:15K OHM,1%,0.125W	91637	MFF1816G15001F
A13A1R155	321-0297-00		RES.,FXD,FILM:12.1K OHM,1%,0.125W	91637	MFF1816G12101F
A13A1R157	315-0911-00		RES.,FXD,CMPSN:910 OHM,5%,0.25W	01121	CB9115
A13A1R161	315-0473-00		RES.,FXD,CMPSN:47K OHM,5%,0.25W	01121	CB4735
A13A1R162	315-0513-00		RES.,FXD,CMPSN:51K OHM,5%,0.25W	01121	CB5135
A13A1R170	315-0124-00		RES.,FXD,CMPSN:120K OHM,5%,0.25W	01121	CB1245
A13A1R171	315-0434-00		RES.,FXD,CMPSN:430K OHM,5%,0.25W	01121	CB4345
A13A1R172	301-0823-00		RES.,FXD,CMPSN:82K OHM,5%,0.50W	01121	EB8235
A13A1R173	311-1226-00		RES.,VAR, NONWIR:2.5K OHM,20%,0.50W	32997	3386F-T04-252
A13A1R174	321-0157-00		RES.,FXD,FILM:422 OHM,1%,0.125W	91637	MFF1816G422ROF
A13A1R175	315-0470-00		RES.,FXD,CMPSN:47 OHM,5%,0.25W	01121	CB4705
A13A1R181	321-0222-00		RES.,FXD,FILM:2K OHM,1%,0.125W	91637	MFF1816G20000F
A13A1R182	321-0222-00		RES.,FXD,FILM:2K OHM,1%,0.125W	91637	MFF1816G20000F
A13A1R183	321-0193-00		RES.,FXD,FILM:1K OHM,1%,0.125W	91637	MFF1816G10000F
A13A1R184	315-0302-00		RES.,FXD,CMPSN:3K OHM,5%,0.25W	01121	CB3025
A13A1R185	315-0182-00		RES.,FXD,CMPSN:1.8K OHM,5%,0.25W	01121	CB1825
A13A1R186	315-0222-00		RES.,FXD,CMPSN:2.2K OHM,5%,0.25W	01121	CB2225
A13A1R187	315-0510-00		RES.,FXD,CMPSN:51 OHM,5%,0.25W	01121	CB5105
A13A1R188	315-0332-00		RES.,FXD,CMPSN:3.3K OHM,5%,0.25W	01121	CB3325
A13A1R191	311-1466-00		RES.,VAR, NONWIR:2K OHM,20%,0.50W	01121	E2B202
A13A1R193	323-0093-00		RES.,FXD,FILM:90.9 OHM,1%,0.50W	75042	CECT0-90R90F
A13A1R194	323-0093-00		RES.,FXD,FILM:90.9 OHM,1%,0.50W	75042	CECT0-90R90F
A13A1R204	308-0836-00		RES.,FXD,WW:1.2 OHM,5%,1W FUSIBLE	75042	BW-20F-1.2
A13A1R206	308-0836-00		RES.,FXD,WW:1.2 OHM,5%,1W FUSIBLE	75042	BW-20F-1.2
A13A1R207	301-0331-00		RES.,FXD,CMPSN:330 OHM,5%,0.50W	01121	EB3315
A13A1R208	308-0836-00		RES.,FXD,WW:1.2 OHM,5%,1W FUSIBLE	75042	BW-20F-1.2
A13A1R215	321-0308-00		RES.,FXD,FILM:15.8K OHM,1%,0.125W	91637	MFF1816G15801F
A13A1R217	315-0101-00		RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
A13A1R218	315-0273-00		RES.,FXD,CMPSN:27K OHM,5%,0.25W	01121	CB2735
A13A1R219	315-0273-00		RES.,FXD,CMPSN:27K OHM,5%,0.25W	01121	CB2735
A13A1R221	321-0326-00		RES.,FXD,FILM:24.3K OHM,1%,0.125W	91637	MFF1816G24301F
A13A1R222	321-0089-00		RES.,FXD,FILM:82.5 OHM,1%,0.125W	91637	MFF1816G82R50F
A13A1R223	321-0186-00		RES.,FXD,FILM:845 OHM,1%,0.125W	91637	MFF1816G845ROF
A13A1R224	321-0460-00		RES.,FXD,FILM:604K OHM,1%,0.125W	91637	MFF1816G60402F
A13A1R225	321-0309-00		RES.,FXD,FILM:16.2K OHM,1%,0.125W	91637	MFF1816G16201F
A13A1R226	321-0321-00		RES.,FXD,FILM:21.5K OHM,1%,0.125W	91637	MFF1816G21501F
A13A1R227	315-0273-00		RES.,FXD,CMPSN:27K OHM,5%,0.25W	01121	CB2735
A13A1R228	315-0273-00		RES.,FXD,CMPSN:27K OHM,5%,0.25W	01121	CB2735
A13A1R230	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
A13A1R231	315-0511-00		RES.,FXD,CMPSN:510 OHM,5%,0.25W	01121	CB5115
A13A1R232	315-0821-00		RES.,FXD,CMPSN:820 OHM,5%,0.25W	01121	CB8215
A13A1R234	315-0681-00		RES.,FXD,CMPSN:680 OHM,5%,0.25W	01121	CB6815
A13A1R235	315-0122-00		RES.,FXD,CMPSN:1.2K OHM,5%,0.25W	01121	CB1225
A13A1R236	301-0911-00		RES.,FXD,CMPSN:910 OHM,5%,0.50W	01121	EB9115
A13A1R237	315-0512-00		RES.,FXD,CMPSN:5.1K OHM,5%,0.25W	01121	CB5125
A13A1R238	315-0103-00		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
A13A1R239	315-0512-00		RES.,FXD,CMPSN:5.1K OHM,5%,0.25W	01121	CB5125

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A13A1R242	315-0152-00		RES.,FXD,CMPSN:1.5K OHM,5%,0.25W	01121	CB1525
A13A1R243	315-0113-00		RES.,FXD,CMPSN:11K OHM,5%,0.25W	01121	CB1135
A13A1R244	315-0164-00		RES.,FXD,CMPSN:160K OHM,5%,0.25W	01121	CB1645
A13A1R245	321-0222-00		RES.,FXD,FILM:2K OHM,1%,0.125W	91637	MFF1816G20000F
A13A1R246	321-0053-00		RES.,FXD,FILM:34.8 OHM,1%,0.125W	91637	MFF1816G34R80F
A13A1R249	315-0100-00		RES.,FXD,CMPSN:10 OHM,5%,0.25W	01121	CB1005
A13A1R250	315-0100-00		RES.,FXD,CMPSN:10 OHM,5%,0.25W	01121	CB1005
A13A1R252	315-0103-00		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
A13A1R253	301-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.50W	01121	EB1025
A13A1R254	321-0364-00		RES.,FXD,FILM:60.4K OHM,1%,0.125W	91637	MFF1816G60401F
A13A1R255	315-0471-00		RES.,FXD,CMPSN:470 OHM,5%,0.25W	01121	CB4715
A13A1R265	321-0510-00		RES.,FXD,FILM:2M OHM,1%,0.125W	91637	HFF188G20003F
A13A1R266	321-0510-00		RES.,FXD,FILM:2M OHM,1%,0.125W	91637	HFF188G20003F
A13A1R271	315-0103-00		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
A13A1R272	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A13A1R273	315-0363-00		RES.,FXD,CMPSN:36K OHM,5%,0.25W	01121	CB3635
A13A1R274	315-0103-00		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
A13A1R275	315-0103-00		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
A13A1R277	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A13A1R281	315-0303-00		RES.,FXD,CMPSN:30K OHM,5%,0.25W	01121	CB3035
A13A1R282	321-0364-00		RES.,FXD,FILM:60.4K OHM,1%,0.125W	91637	MFF1816G60401F
A13A1R293	321-0385-00		RES.,FXD,FILM:100K OHM,1%,0.125W	91637	MFF1816G10002F
A13A1R305	321-0240-00		RES.,FXD,FILM:3.09K OHM,1%,0.125W	91637	MFF1816G30900F
A13A1R306	321-0340-00		RES.,FXD,FILM:34K OHM,1%,0.125W	91637	MFF1816G34001F
A13A1R307	321-0351-00		RES.,FXD,FILM:44.2K OHM,1%,0.125W	91637	MFF1816G44201F
A13A1R309	315-0103-00		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
A13A1R310	321-0281-00		RES.,FXD,FILM:8.25K OHM,1%,0.125W	91637	MFF1816G82500F
A13A1R312	321-0277-00		RES.,FXD,FILM:7.5K OHM,1%,0.125W	91637	MFF1816G75000F
A13A1R316	321-0210-00		RES.,FXD,FILM:1.5K OHM,1%,0.125W	91637	MFF1816G15000F
A13A1R317	321-0236-00		RES.,FXD,FILM:2.8K OHM,1%,0.125W	91637	MFF1816G28000F
A13A1R322	321-0222-00		RES.,FXD,FILM:2K OHM,1%,0.125W	91637	MFF1816G20000F
A13A1R323	315-0100-00		RES.,FXD,CMPSN:10 OHM,5%,0.25W	01121	CB1005
A13A1R324	315-0100-00		RES.,FXD,CMPSN:10 OHM,5%,0.25W	01121	CB1005
A13A1R326	315-0273-00		RES.,FXD,CMPSN:27K OHM,5%,0.25W	01121	CB2735
A13A1R327	321-0346-00		RES.,FXD,FILM:39.2K OHM,1%,0.125W	91637	MFF1816G39201F
A13A1R328	321-0318-00		RES.,FXD,FILM:20K OHM,1%,0.125W	91637	MFF1816G20001F
A13A1R329	321-0090-00		RES.,FXD,FILM:84.5 OHM,1%,0.125W	91637	MFF1816G84R50F
A13A1R330	321-0178-00		RES.,FXD,FILM:698 OHM,1%,0.125W	91637	MFF1816G698ROF
A13A1R332	315-0101-00		RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
A13A1R333	321-0222-00		RES.,FXD,FILM:2K OHM,1%,0.125W	91637	MFF1816G20000F
A13A1R334	321-0178-00		RES.,FXD,FILM:698 OHM,1%,0.125W	91637	MFF1816G698ROF
A13A1R335	311-1223-00		RES.,VAR, NONWIR: TRMR, 250 OHM, 0.5W	02111	63M251T602
A13A1R336	321-0180-00		RES.,FXD,FILM:732 OHM,1%,0.125W	91637	MFF1816G732ROF
A13A1R338	315-0821-00		RES.,FXD,CMPSN:820 OHM,5%,0.25W	01121	CB8215
A13A1R340	315-0391-00		RES.,FXD,CMPSN:390 OHM,5%,0.25W	01121	CB3915
A13A1R341	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
A13A1R342	315-0101-00		RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
A13A1R343	315-0152-00		RES.,FXD,CMPSN:1.5K OHM,5%,0.25W	01121	CB1525
A13A1R344	315-0103-00		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
A13A1R345	315-0302-00		RES.,FXD,CMPSN:3K OHM,5%,0.25W	01121	CB3025
A13A1R346	321-0164-00		RES.,FXD,FILM:499 OHM,1%,0.125W	91637	MFF1816G499ROF
A13A1R351	315-0101-00		RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
A13A1R352	315-0100-00		RES.,FXD,CMPSN:10 OHM,5%,0.25W	01121	CB1005
A13A1R354	315-0100-00		RES.,FXD,CMPSN:10 OHM,5%,0.25W	01121	CB1005
A13A1R355	321-0213-00		RES.,FXD,FILM:1.62K OHM,1%,0.125W	91637	MFF1816G16200F
A13A1R356	321-0297-00		RES.,FXD,FILM:12.1K OHM,1%,0.125W	91637	MFF1816G12101F
A13A1R357	315-0911-00		RES.,FXD,CMPSN:910 OHM,5%,0.25W	01121	CB9115

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A13A1R360	321-0306-00		RES.,FXD,FILM:15K OHM,1%,0.125W	91637	MFF1816G15001F
A13A1R361	315-0473-00		RES.,FXD,CMPSN:47K OHM,5%,0.25W	01121	CB4735
A13A1R362	315-0513-00		RES.,FXD,CMPSN:51K OHM,5%,0.25W	01121	CB5135
A13A1R371	315-0124-00		RES.,FXD,CMPSN:120K OHM,5%,0.25W	01121	CB1245
A13A1R372	315-0434-00		RES.,FXD,CMPSN:430K OHM,5%,0.25W	01121	CB4345
A13A1R373	301-0823-00		RES.,FXD,CMPSN:82K OHM,5%,0.50W	01121	EB8235
A13A1R374	321-0157-00		RES.,FXD,FILM:422 OHM,1%,0.125W	91637	MFF1816G422ROF
A13A1R375	315-0470-00		RES.,FXD,CMPSN:47 OHM,5%,0.25W	01121	CB4705
A13A1R381	321-0222-00		RES.,FXD,FILM:2K OHM,1%,0.125W	91637	MFF1816G20000F
A13A1R382	321-0222-00		RES.,FXD,FILM:2K OHM,1%,0.125W	91637	MFF1816G20000F
A13A1R383	321-0193-00		RES.,FXD,FILM:1K OHM,1%,0.125W	91637	MFF1816G10000F
A13A1R384	315-0182-00		RES.,FXD,CMPSN:1.8K OHM,5%,0.25W	01121	CB1825
A13A1R385	315-0222-00		RES.,FXD,CMPSN:2.2K OHM,5%,0.25W	01121	CB2225
A13A1R386	315-0510-00		RES.,FXD,CMPSN:51 OHM,5%,0.25W	01121	CB5105
A13A1R387	315-0302-00		RES.,FXD,CMPSN:3K OHM,5%,0.25W	01121	CB3025
A13A1R388	315-0332-00		RES.,FXD,CMPSN:3.3K OHM,5%,0.25W	01121	CB3325
A13A1R391	311-1466-00		RES.,VAR,NONWIR:2K OHM,20%,0.50W	01121	E2B202
A13A1R392	323-0093-00		RES.,FXD,FILM:90.9 OHM,1%,0.50W	75042	CECT0-90R90F
A13A1R394	323-0093-00		RES.,FXD,FILM:90.9 OHM,1%,0.50W	75042	CECT0-90R90F
A13A1R400	311-1226-00		RES.,VAR,NONWIR:2.5K OHM,20%,0.50W	32997	3386F-T04-252
A13A1R401	315-0103-00		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
A13A1R403	315-0562-00		RES.,FXD,CMPSN:5.6K OHM,5%,0.25W	01121	CB5625
A13A1R404	315-0821-00		RES.,FXD,CMPSN:820 OHM,5%,0.25W	01121	CB8215
A13A1R405	315-0273-00		RES.,FXD,CMPSN:27K OHM,5%,0.25W	01121	CB2735
A13A1R406	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A13A1R407	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
A13A1R416	315-0222-00		RES.,FXD,CMPSN:2.2K OHM,5%,0.25W	01121	CB2225
A13A1R418	315-0182-00		RES.,FXD,CMPSN:1.8K OHM,5%,0.25W	01121	CB1825
A13A1R419	315-0273-00		RES.,FXD,CMPSN:27K OHM,5%,0.25W	01121	CB2735
A13A1R420	315-0273-00		RES.,FXD,CMPSN:27K OHM,5%,0.25W	01121	CB2735
A13A1R421	315-0273-00		RES.,FXD,CMPSN:27K OHM,5%,0.25W	01121	CB2735
A13A1R427	321-0460-00		RES.,FXD,FILM:604K OHM,1%,0.125W	91637	MFF1816G60402F
A13A1R428	321-0309-00		RES.,FXD,FILM:16.2K OHM,1%,0.125W	91637	MFF1816G16201F
A13A1R429	321-0321-00		RES.,FXD,FILM:21.5K OHM,1%,0.125W	91637	MFF1816G21501F
A13A1R430	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
A13A1R431	315-0511-00		RES.,FXD,CMPSN:510 OHM,5%,0.25W	01121	CB5115
A13A1R432	315-0681-00		RES.,FXD,CMPSN:680 OHM,5%,0.25W	01121	CB6815
A13A1R433	315-0122-00		RES.,FXD,CMPSN:1.2K OHM,5%,0.25W	01121	CB1225
A13A1R434	301-0911-00		RES.,FXD,CMPSN:910 OHM,5%,0.50W	01121	EB9115
A13A1R435	315-0512-00		RES.,FXD,CMPSN:5.1K OHM,5%,0.25W	01121	CB5125
A13A1R436	315-0103-00		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
A13A1R437	315-0512-00		RES.,FXD,CMPSN:5.1K OHM,5%,0.25W	01121	CB5125
A13A1R438	315-0821-00		RES.,FXD,CMPSN:820 OHM,5%,0.25W	01121	CB8215
A13A1R441	315-0152-00		RES.,FXD,CMPSN:1.5K OHM,5%,0.25W	01121	CB1525
A13A1R442	315-0113-00		RES.,FXD,CMPSN:11K OHM,5%,0.25W	01121	CB1135
A13A1R443	315-0164-00		RES.,FXD,CMPSN:160K OHM,5%,0.25W	01121	CB1645
A13A1R444	321-0222-00		RES.,FXD,FILM:2K OHM,1%,0.125W	91637	MFF1816G20000F
A13A1R445	321-0053-00		RES.,FXD,FILM:34.8 OHM,1%,0.125W	91637	MFF1816G34R80F
A13A1R449	315-0100-00		RES.,FXD,CMPSN:10 OHM,5%,0.25W	01121	CB1005
A13A1R450	315-0100-00		RES.,FXD,CMPSN:10 OHM,5%,0.25W	01121	CB1005
A13A1R451	315-0103-00		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
A13A1R452	301-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.50W	01121	EB1025
A13A1R453	321-0364-00		RES.,FXD,FILM:60.4K OHM,1%,0.125W	91637	MFF1816G60401F
A13A1R454	315-0471-00		RES.,FXD,CMPSN:470 OHM,5%,0.25W	01121	CB4715
A13A1R463	321-0510-00		RES.,FXD,FILM:2M OHM,1%,0.125W	91637	HFF188G20003F
A13A1R465	321-0510-00		RES.,FXD,FILM:2M OHM,1%,0.125W	91637	HFF188G20003F
A13A1R471	315-0102-00		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025

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A13A1R472	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A13A1R473	315-0363-00		RES., FXD, CMPSN: 36K OHM, 5%, 0.25W	01121	CB3635
A13A1R474	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A13A1R475	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A13A1R477	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A13A1R481	315-0303-00		RES., FXD, CMPSN: 30K OHM, 5%, 0.25W	01121	CB3035
A13A1R482	321-0364-00		RES., FXD, FILM: 60.4K OHM, 1%, 0.125W	91637	MFF1816G60401F
A13A1R493	321-0385-00		RES., FXD, FILM: 100K OHM, 1%, 0.125W	91637	MFF1816G10002F
A13A1R506	315-0273-00		RES., FXD, CMPSN: 27K OHM, 5%, 0.25W	01121	CB2735
A13A1R509	315-0153-00		RES., FXD, CMPSN: 15K OHM, 5%, 0.25W	01121	CB1535
A13A1R515	315-0182-00		RES., FXD, CMPSN: 1.8K OHM, 5%, 0.25W	01121	CB1825
A13A1R518	315-0332-00		RES., FXD, CMPSN: 3.3K OHM, 5%, 0.25W	01121	CB3325
A13A1R519	321-0346-00		RES., FXD, FILM: 39.2K OHM, 1%, 0.125W	91637	MFF1816G39201F
A13A1R520	315-0104-00		RES., FXD, CMPSN: 100K OHM, 5%, 0.25W	01121	CB1045
A13A1R521	321-0222-00		RES., FXD, FILM: 2K OHM, 1%, 0.125W	91637	MFF1816G20000F
A13A1R522	315-0100-00		RES., FXD, CMPSN: 10 OHM, 5%, 0.25W	01121	CB1005
A13A1R523	315-0100-00		RES., FXD, CMPSN: 10 OHM, 5%, 0.25W	01121	CB1005
A13A1R525	311-1232-00		RES., VAR, NONWIR: 50K OHM, 20%, 0.50W	32997	3386F-T04-503
A13A1R526	321-0311-00		RES., FXD, FILM: 16.9K OHM, 1%, 0.125W	91637	MFF1816G16901F
A13A1R527	321-0090-00		RES., FXD, FILM: 84.5 OHM, 1%, 0.125W	91637	MFF1816G84R50F
A13A1R528	321-0171-00		RES., FXD, FILM: 590 OHM, 1%, 0.125W	91637	MFF1816G590ROF
A13A1R529	321-0460-00		RES., FXD, FILM: 604K OHM, 1%, 0.125W	91637	MFF1816G60402F
A13A1R530	321-0309-00		RES., FXD, FILM: 16.2K OHM, 1%, 0.125W	91637	MFF1816G16201F
A13A1R531	321-0321-00		RES., FXD, FILM: 21.5K OHM, 1%, 0.125W	91637	MFF1816G21501F
A13A1R532	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A13A1R533	321-0222-00		RES., FXD, FILM: 2K OHM, 1%, 0.125W	91637	MFF1816G20000F
A13A1R534	321-0178-00		RES., FXD, FILM: 698 OHM, 1%, 0.125W	91637	MFF1816G698ROF
A13A1R535	311-1223-00		RES., VAR, NONWIR: TRMR, 250 OHM, 0.5W	02111	63M251T602
A13A1R536	315-0821-00		RES., FXD, CMPSN: 820 OHM, 5%, 0.25W	01121	CB8215
A13A1R537	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A13A1R538	315-0511-00		RES., FXD, CMPSN: 510 OHM, 5%, 0.25W	01121	CB5115
A13A1R539	321-0174-00		RES., FXD, FILM: 634 OHM, 1%, 0.125W	91637	MFF1816G634ROF
A13A1R540	315-0821-00		RES., FXD, CMPSN: 820 OHM, 5%, 0.25W	01121	CB8215
A13A1R541	315-0391-00		RES., FXD, CMPSN: 390 OHM, 5%, 0.25W	01121	CB3915
A13A1R542	315-0472-00		RES., FXD, CMPSN: 4.7K OHM, 5%, 0.25W	01121	CB4725
A13A1R543	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A13A1R544	315-0152-00		RES., FXD, CMPSN: 1.5K OHM, 5%, 0.25W	01121	CB1525
A13A1R545	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A13A1R546	315-0302-00		RES., FXD, CMPSN: 3K OHM, 5%, 0.25W	01121	CB3025
A13A1R547	321-0164-00		RES., FXD, FILM: 499 OHM, 1%, 0.125W	91637	MFF1816G499ROF
A13A1R548	315-0152-00		RES., FXD, CMPSN: 1.5K OHM, 5%, 0.25W	01121	CB1525
A13A1R549	315-0113-00		RES., FXD, CMPSN: 11K OHM, 5%, 0.25W	01121	CB1135
A13A1R550	315-0164-00		RES., FXD, CMPSN: 160K OHM, 5%, 0.25W	01121	CB1645
A13A1R552	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A13A1R553	315-0100-00		RES., FXD, CMPSN: 10 OHM, 5%, 0.25W	01121	CB1005
A13A1R554	315-0100-00		RES., FXD, CMPSN: 10 OHM, 5%, 0.25W	01121	CB1005
A13A1R555	321-0213-00		RES., FXD, FILM: 1.62K OHM, 1%, 0.125W	91637	MFF1816G16200F
A13A1R556	321-0306-00		RES., FXD, FILM: 15K OHM, 1%, 0.125W	91637	MFF1816G15001F
A13A1R557	315-0911-00		RES., FXD, CMPSN: 910 OHM, 5%, 0.25W	01121	CB9115
A13A1R562	315-0473-00		RES., FXD, CMPSN: 47K OHM, 5%, 0.25W	01121	CB4735
A13A1R563	315-0513-00		RES., FXD, CMPSN: 51K OHM, 5%, 0.25W	01121	CB5135
A13A1R571	315-0124-00		RES., FXD, CMPSN: 120K OHM, 5%, 0.25W	01121	CB1245
A13A1R572	315-0434-00		RES., FXD, CMPSN: 430K OHM, 5%, 0.25W	01121	CB4345
A13A1R573	301-0823-00		RES., FXD, CMPSN: 82K OHM, 5%, 0.50W	01121	EB8235
A13A1R574	321-0157-00		RES., FXD, FILM: 422 OHM, 1%, 0.125W	91637	MFF1816G422ROF
A13A1R575	315-0470-00		RES., FXD, CMPSN: 47 OHM, 5%, 0.25W	01121	CB4705
A13A1R576	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025

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Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A13A1R577	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A13A1R578	315-0363-00		RES., FXD, CMPSN: 36K OHM, 5%, 0.25W	01121	CB3635
A13A1R579	315-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
A13A1R581	321-0222-00		RES., FXD, FILM: 2K OHM, 1%, 0.125W	91637	MFF1816G20000F
A13A1R582	321-0222-00		RES., FXD, FILM: 2K OHM, 1%, 0.125W	91637	MFF1816G20000F
A13A1R583	321-0193-00		RES., FXD, FILM: 1K OHM, 1%, 0.125W	91637	MFF1816G10000F
A13A1R584	315-0182-00		RES., FXD, CMPSN: 1.8K OHM, 5%, 0.25W	01121	CB1825
A13A1R585	315-0222-00		RES., FXD, CMPSN: 2.2K OHM, 5%, 0.25W	01121	CB2225
A13A1R586	315-0510-00		RES., FXD, CMPSN: 51 OHM, 5%, 0.25W	01121	CB5105
A13A1R587	315-0302-00		RES., FXD, CMPSN: 3K OHM, 5%, 0.25W	01121	CB3025
A13A1R588	315-0332-00		RES., FXD, CMPSN: 3.3K OHM, 5%, 0.25W	01121	CB3325
A13A1R591	311-1466-00		RES., VAR, NONWIR: 2K OHM, 20%, 0.50W	01121	E2B202
A13A1R593	323-0093-00		RES., FXD, FILM: 90.9 OHM, 1%, 0.50W	75042	CECT0-90R90F
A13A1R594	323-0093-00		RES., FXD, FILM: 90.9 OHM, 1%, 0.50W	75042	CECT0-90R90F
A13A1R600	311-1226-00		RES., VAR, NONWIR: 2.5K OHM, 20%, 0.50W	32997	3386F-T04-252
A13A1R603	315-0363-00		RES., FXD, CMPSN: 36K OHM, 5%, 0.25W	01121	CB3635
A13A1R606	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A13A1R607	315-0512-00		RES., FXD, CMPSN: 5.1K OHM, 5%, 0.25W	01121	CB5125
A13A1R612	315-0183-00		RES., FXD, CMPSN: 18K OHM, 5%, 0.25W	01121	CB1835
A13A1R613	301-0152-00		RES., FXD, CMPSN: 1.5K OHM, 5%, 0.50W	01121	EB1525
A13A1R615	315-0101-00		RES., FXD, CMPSN: 100 OHM, 5%, 0.25W	01121	CB1015
A13A1R619	315-0273-00		RES., FXD, CMPSN: 27K OHM, 5%, 0.25W	01121	CB2735
A13A1R620	315-0273-00		RES., FXD, CMPSN: 27K OHM, 5%, 0.25W	01121	CB2735
A13A1R621	315-0273-00		RES., FXD, CMPSN: 27K OHM, 5%, 0.25W	01121	CB2735
A13A1R622	315-0273-00		RES., FXD, CMPSN: 27K OHM, 5%, 0.25W	01121	CB2735
A13A1R631	315-0681-00		RES., FXD, CMPSN: 680 OHM, 5%, 0.25W	01121	CB6815
A13A1R632	315-0122-00		RES., FXD, CMPSN: 1.2K OHM, 5%, 0.25W	01121	CB1225
A13A1R633	301-0911-00		RES., FXD, CMPSN: 910 OHM, 5%, 0.50W	01121	EB9115
A13A1R634	315-0512-00		RES., FXD, CMPSN: 5.1K OHM, 5%, 0.25W	01121	CB5125
A13A1R635	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A13A1R636	315-0512-00		RES., FXD, CMPSN: 5.1K OHM, 5%, 0.25W	01121	CB5125
A13A1R641	321-0222-00		RES., FXD, FILM: 2K OHM, 1%, 0.125W	91637	MFF1816G20000F
A13A1R642	321-0053-00		RES., FXD, FILM: 34.8 OHM, 1%, 0.125W	91637	MFF1816G34R80F
A13A1R645	315-0100-00		RES., FXD, CMPSN: 10 OHM, 5%, 0.25W	01121	CB1005
A13A1R646	315-0100-00		RES., FXD, CMPSN: 10 OHM, 5%, 0.25W	01121	CB1005
A13A1R650	315-0471-00		RES., FXD, CMPSN: 470 OHM, 5%, 0.25W	01121	CB4715
A13A1R651	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A13A1R652	301-0102-00		RES., FXD, CMPSN: 1K OHM, 5%, 0.50W	01121	EB1025
A13A1R653	321-0364-00		RES., FXD, FILM: 60.4K OHM, 1%, 0.125W	91637	MFF1816G60401F
A13A1R654	321-0297-00		RES., FXD, FILM: 12.1K OHM, 1%, 0.125W	91637	MFF1816G12101F
A13A1R666	321-0510-00		RES., FXD, FILM: 2M OHM, 1%, 0.125W	91637	HFF188G20003F
A13A1R668	321-0510-00		RES., FXD, FILM: 2M OHM, 1%, 0.125W	91637	HFF188G20003F
A13A1R671	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A13A1R672	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A13A1R673	315-0103-00		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
A13A1R681	315-0303-00		RES., FXD, CMPSN: 30K OHM, 5%, 0.25W	01121	CB3035
A13A1R683	321-0364-00		RES., FXD, FILM: 60.4K OHM, 1%, 0.125W	91637	MFF1816G60401F
A13A1R694	321-0385-00		RES., FXD, FILM: 100K OHM, 1%, 0.125W	91637	MFF1816G10002F
A13A1TP120	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A13A1TP142	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A13A1TP158	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A13A1TP179	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A13A1TP192	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A13A1TP231	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A13A1TP256	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A13A1TP290	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A13A1TP330	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02

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A13A1TP331	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A13A1TP352	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A13A1TP358	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A13A1TP379	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A13A1TP392	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A13A1TP431	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A13A1TP456	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A13A1TP490	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A13A1TP531	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A13A1TP552	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A13A1TP558	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A13A1TP579	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A13A1TP592	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A13A1TP604	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A13A1TP609	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A13A1TP631	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A13A1TP656	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A13A1TP690	214-0579-02		TERM, TEST POINT: BRASS	80009	214-0579-02
A13A1U101	156-0277-01		MICROCIRCUIT, LI: POSITIVE VOLTAGE REG	80009	156-0277-01
A13A1U120	156-0872-01		MICROCIRCUIT, LI: VOLTAGE REGULATOR	80009	156-0872-01
A13A1U121	156-1161-00		MICROCIRCUIT, LI: VOLTAGE REGULATOR	27014	LM317T
A13A1U240	156-0936-00		MICROCIRCUIT, LI: OPNL AMPL, 3080A, TO-5 PKG	80009	156-0936-00
A13A1U248	156-0936-00		MICROCIRCUIT, LI: OPNL AMPL, 3080A, TO-5 PKG	80009	156-0936-00
A13A1U256	156-0936-00		MICROCIRCUIT, LI: OPNL AMPL, 3080A, TO-5 PKG	80009	156-0936-00
A13A1U267	156-0770-00		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER	27014	LF356H
A13A1U277	156-0936-00		MICROCIRCUIT, LI: OPNL AMPL, 3080A, TO-5 PKG	80009	156-0936-00
A13A1U310	156-0067-13		MICROCIRCUIT, LI: OPNL AMPL, SELECTED	04713	MC1741CUDS
A13A1U440	156-0936-00		MICROCIRCUIT, LI: OPNL AMPL, 3080A, TO-5 PKG	80009	156-0936-00
A13A1U448	156-0936-00		MICROCIRCUIT, LI: OPNL AMPL, 3080A, TO-5 PKG	80009	156-0936-00
A13A1U455	156-0936-00		MICROCIRCUIT, LI: OPNL AMPL, 3080A, TO-5 PKG	80009	156-0936-00
A13A1U466	156-0770-00		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER	27014	LF356H
A13A1U477	156-0936-00		MICROCIRCUIT, LI: OPNL AMPL, 3080A, TO-5 PKG	80009	156-0936-00
A13A1U507	156-0405-02		MICROCIRCUIT, DI: DUAL RETRIGGERABLE	80009	156-0405-02
A13A1U510	156-0405-02		MICROCIRCUIT, DI: DUAL RETRIGGERABLE	80009	156-0405-02
A13A1U640	156-0936-00		MICROCIRCUIT, LI: OPNL AMPL, 3080A, TO-5 PKG	80009	156-0936-00
A13A1U644	156-0936-00		MICROCIRCUIT, LI: OPNL AMPL, 3080A, TO-5 PKG	80009	156-0936-00
A13A1U666	156-0936-00		MICROCIRCUIT, LI: OPNL AMPL, 3080A, TO-5 PKG	80009	156-0936-00
A13A1U669	156-0770-00		MICROCIRCUIT, LI: OPERATIONAL AMPLIFIER	27014	LF356H
A13A1U674	156-0936-00		MICROCIRCUIT, LI: OPNL AMPL, 3080A, TO-5 PKG	80009	156-0936-00

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Component No.	Tektronix Part No.	Serial/Model No. Eff Dscnt	Name & Description	Mfr Code	Mfr Part Number
A14	-----		CKT BOARD ASSY: CONVERGENCE AMPL		
A14Q245	151-0701-01		TRANSISTOR: 25C2527G, SCREENED	0001G	25C2527-G-TEK2
A14Q255	151-0701-01		TRANSISTOR: 25C2527G, SCREENED	0001G	25C2527-G-TEK2
A14Q425	151-0701-01		TRANSISTOR: 25C2527G, SCREENED	0001G	25C2527-G-TEK2
A14Q455	151-0701-01		TRANSISTOR: 25C2527G, SCREENED	0001G	25C2527-G-TEK2
A14Q525	151-0701-01		TRANSISTOR: 25C2527G, SCREENED	0001G	25C2527-G-TEK2
A14Q645	151-0701-01		TRANSISTOR: 25C2527G, SCREENED	0001G	25C2527-G-TEK2
A14Q825	151-0701-01		TRANSISTOR: 25C2527G, SCREENED	0001G	25C2527-G-TEK2
A14Q845	151-0701-01		TRANSISTOR: 25C2527G, SCREENED	0001G	25C2527-G-TEK2
A14U927	156-0285-01		MICROCIRCUIT, LI: VOLTAGE REGULATOR, CHK	80009	156-0285-01
A14U933	156-0872-01		MICROCIRCUIT, LI: VOLTAGE REGULATOR	80009	156-0872-01
A14U947	156-0277-01		MICROCIRCUIT, LI: POSITIVE VOLTAGE REG	80009	156-0277-01
A14A1	-----		CKT BOARD ASSY: CONVERGENCE AMPL		
A14A1C112	290-0950-00		CAP., FXD, ELCTLT: 100UF, +50-10%, 50V	55680	50ULB100VA-T
A14A1C122	290-0950-00		CAP., FXD, ELCTLT: 100UF, +50-10%, 50V	55680	50ULB100VA-T
A14A1C145	290-0950-00		CAP., FXD, ELCTLT: 100UF, +50-10%, 50V	55680	50ULB100VA-T
A14A1C226	290-0755-00		CAP., FXD, ELCTLT: 100UF, +50-10%, 10V	56289	502D223
A14A1C255	290-0950-00		CAP., FXD, ELCTLT: 100UF, +50-10%, 50V	55680	50ULB100VA-T
A14A1C314	290-0950-00		CAP., FXD, ELCTLT: 100UF, +50-10%, 50V	55680	50ULB100VA-T
A14A1C324	290-0950-00		CAP., FXD, ELCTLT: 100UF, +50-10%, 50V	55680	50ULB100VA-T
A14A1C426	290-0755-00		CAP., FXD, ELCTLT: 100UF, +50-10%, 10V	56289	502D223
A14A1C452	290-0950-00		CAP., FXD, ELCTLT: 100UF, +50-10%, 50V	55680	50ULB100VA-T
A14A1C455	290-0950-00		CAP., FXD, ELCTLT: 100UF, +50-10%, 50V	55680	50ULB100VA-T
A14A1C511	290-0950-00		CAP., FXD, ELCTLT: 100UF, +50-10%, 50V	55680	50ULB100VA-T
A14A1C521	290-0950-00		CAP., FXD, ELCTLT: 100UF, +50-10%, 50V	55680	50ULB100VA-T
A14A1C626	290-0755-00		CAP., FXD, ELCTLT: 100UF, +50-10%, 10V	56289	502D223
A14A1C652	290-0950-00		CAP., FXD, ELCTLT: 100UF, +50-10%, 50V	55680	50ULB100VA-T
A14A1C711	290-0950-00		CAP., FXD, ELCTLT: 100UF, +50-10%, 50V	55680	50ULB100VA-T
A14A1C721	290-0950-00		CAP., FXD, ELCTLT: 100UF, +50-10%, 50V	55680	50ULB100VA-T
A14A1C742	290-0950-00		CAP., FXD, ELCTLT: 100UF, +50-10%, 50V	55680	50ULB100VA-T
A14A1C826	290-0755-00		CAP., FXD, ELCTLT: 100UF, +50-10%, 10V	56289	502D223
A14A1C924	283-0059-00		CAP., FXD, CER DI: 1UF, +80-20%, 25V	72982	8131N031Z5U0105Z
A14A1C926	283-0059-00		CAP., FXD, CER DI: 1UF, +80-20%, 25V	72982	8131N031Z5U0105Z
A14A1C929	283-0059-00		CAP., FXD, CER DI: 1UF, +80-20%, 25V	72982	8131N031Z5U0105Z
A14A1C935	283-0059-00		CAP., FXD, CER DI: 1UF, +80-20%, 25V	72982	8131N031Z5U0105Z
A14A1C937	290-0755-00		CAP., FXD, ELCTLT: 100UF, +50-10%, 10V	56289	502D223
A14A1C939	283-0059-00		CAP., FXD, CER DI: 1UF, +80-20%, 25V	72982	8131N031Z5U0105Z
A14A1C949	283-0059-00		CAP., FXD, CER DI: 1UF, +80-20%, 25V	72982	8131N031Z5U0105Z
A14A1CR128	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A14A1CR131	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A14A1CR148	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A14A1CR235	152-0066-00		SEMICONV DEVICE: SILICON, 400V, 750MA	14433	LG4016
A14A1CR236	152-0066-00		SEMICONV DEVICE: SILICON, 400V, 750MA	14433	LG4016
A14A1CR237	152-0066-00		SEMICONV DEVICE: SILICON, 400V, 750MA	14433	LG4016
A14A1CR238	152-0066-00		SEMICONV DEVICE: SILICON, 400V, 750MA	14433	LG4016
A14A1CR239	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A14A1CR326	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A14A1CR345	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A14A1CR435	152-0066-00		SEMICONV DEVICE: SILICON, 400V, 750MA	14433	LG4016
A14A1CR436	152-0066-00		SEMICONV DEVICE: SILICON, 400V, 750MA	14433	LG4016
A14A1CR437	152-0066-00		SEMICONV DEVICE: SILICON, 400V, 750MA	14433	LG4016
A14A1CR438	152-0066-00		SEMICONV DEVICE: SILICON, 400V, 750MA	14433	LG4016
A14A1CR439	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R
A14A1CR526	152-0141-02		SEMICONV DEVICE: SILICON, 30V, 150MA	01295	1N4152R

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Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A14A1CR546	152-0141-02		SEMICON D DEVICE:SILICON,30V,150MA	01295	1N4152R
A14A1CR629	152-0141-02		SEMICON D DEVICE:SILICON,30V,150MA	01295	1N4152R
A14A1CR635	152-0066-00		SEMICON D DEVICE:SILICON,400V,750MA	14433	LG4016
A14A1CR636	152-0066-00		SEMICON D DEVICE:SILICON,400V,750MA	14433	LG4016
A14A1CR637	152-0066-00		SEMICON D DEVICE:SILICON,400V,750MA	14433	LG4016
A14A1CR638	152-0066-00		SEMICON D DEVICE:SILICON,400V,750MA	14433	LG4016
A14A1CR639	152-0141-02		SEMICON D DEVICE:SILICON,30V,150MA	01295	1N4152R
A14A1CR726	152-0141-02		SEMICON D DEVICE:SILICON,30V,150MA	01295	1N4152R
A14A1CR744	152-0141-02		SEMICON D DEVICE:SILICON,30V,150MA	01295	1N4152R
A14A1CR746	152-0141-02		SEMICON D DEVICE:SILICON,30V,150MA	01295	1N4152R
A14A1CR835	152-0066-00		SEMICON D DEVICE:SILICON,400V,750MA	14433	LG4016
A14A1CR836	152-0066-00		SEMICON D DEVICE:SILICON,400V,750MA	14433	LG4016
A14A1CR837	152-0066-00		SEMICON D DEVICE:SILICON,400V,750MA	14433	LG4016
A14A1CR838	152-0066-00		SEMICON D DEVICE:SILICON,400V,750MA	14433	LG4016
A14A1F152	159-0016-00		FUSE,CARTRIDGE:3AG,1.5A,250V,FAST-BLOW	71400	AGC 1 1/2
A14A1F249	159-0022-00		FUSE,CARTRIDGE:3AG,1A,250V,FAST-BLOW	71400	AGC 1
A14A1F449	159-0016-00		FUSE,CARTRIDGE:3AG,1.5A,250V,FAST-BLOW	71400	AGC 1 1/2
A14A1J131	131-0608-00		TERMINAL,PIN:0.365 L X 0.025 PH BRZ GOLD	22526	47357
A14A1J239	131-0608-00		TERMINAL,PIN:0.365 L X 0.025 PH BRZ GOLD	22526	47357
A14A1J270	131-2587-00		CONN,RCPT,ELEC:CKT BD,1 X 6,0.25	00779	640587-1
A14A1J437	131-0608-00		TERMINAL,PIN:0.365 L X 0.025 PH BRZ GOLD	22526	47357
A14A1J470	131-2587-01		CONN,RCPT,ELEC:CKT BD,1 X 6,0.25	00779	640583-1
A14A1J583	131-0589-00		TERM,PIN:0.46 L X 0.025 SQ.PH BRZ GL	22526	47350
A14A1J637	131-0608-00		TERMINAL,PIN:0.365 L X 0.025 PH BRZ GOLD	22526	47357
A14A1L151	108-0336-00		COIL,RF:100UH	80009	108-0336-00
A14A1L352	108-0336-00		COIL,RF:100UH	80009	108-0336-00
A14A1L552	108-0336-00		COIL,RF:100UH	80009	108-0336-00
A14A1Q133	151-0216-02		TRANSISTOR:PNP,SI PRESTRESSED & TESTED	80009	151-0216-02
A14A1Q137	151-0261-00		TRANSISTOR:SILICON,PNP,DUAL	80009	151-0261-00
A14A1Q231	151-0216-02		TRANSISTOR:PNP,SI PRESTRESSED & TESTED	80009	151-0216-02
A14A1Q234	151-0216-02		TRANSISTOR:PNP,SI PRESTRESSED & TESTED	80009	151-0216-02
A14A1Q332	151-0216-02		TRANSISTOR:PNP,SI PRESTRESSED & TESTED	80009	151-0216-02
A14A1Q335	151-0261-00		TRANSISTOR:SILICON,PNP,DUAL	80009	151-0261-00
A14A1Q337	151-0216-02		TRANSISTOR:PNP,SI PRESTRESSED & TESTED	80009	151-0216-02
A14A1Q339	151-0216-02		TRANSISTOR:PNP,SI PRESTRESSED & TESTED	80009	151-0216-02
A14A1Q437	151-0216-02		TRANSISTOR:PNP,SI PRESTRESSED & TESTED	80009	151-0216-02
A14A1Q535	151-0261-00		TRANSISTOR:SILICON,PNP,DUAL	80009	151-0261-00
A14A1Q537	151-0216-02		TRANSISTOR:PNP,SI PRESTRESSED & TESTED	80009	151-0216-02
A14A1Q539	151-0216-02		TRANSISTOR:PNP,SI PRESTRESSED & TESTED	80009	151-0216-02
A14A1Q627	151-0192-03		TRANSISTOR:SILICON,NPN	80009	151-0192-03
A14A1Q637	151-0216-02		TRANSISTOR:PNP,SI PRESTRESSED & TESTED	80009	151-0216-02
A14A1Q735	151-0261-00		TRANSISTOR:SILICON,PNP,DUAL	80009	151-0261-00
A14A1Q737	151-0216-02		TRANSISTOR:PNP,SI PRESTRESSED & TESTED	80009	151-0216-02
A14A1Q739	151-0216-02		TRANSISTOR:PNP,SI PRESTRESSED & TESTED	80009	151-0216-02
A14A1Q745	151-0192-03		TRANSISTOR:SILICON,NPN	80009	151-0192-03
A14A1R122	321-0289-03		RES.,FXD,FILM:10K OHM,0.25%,0.125W	91637	MFF1816D10001C
A14A1R124	321-0698-00		RES.,FXD,FILM:1.89K OHM,0.25%,0.125W	91637	MFF1816C18900C
A14A1R126	321-0193-03		RES.,FXD,FILM:1K OHM,0.25%,0.125W	91637	MFF1816D10000C
A14A1R128	321-0763-07		RES.,FXD,FILM:1.12K OHM,0.1%,0.125W	91637	MFF1816C11200B
A14A1R131	321-0240-00		RES.,FXD,FILM:3.09K OHM,1%,0.125W	91637	MFF1816G30900F
A14A1R133	321-0114-00		RES.,FXD,FILM:150 OHM,1%,0.125W	91637	MFF1816G150R0F
A14A1R134	321-0210-00		RES.,FXD,FILM:1.5K OHM,1%,0.125W	91637	MFF1816G15000F
A14A1R136	321-0698-00		RES.,FXD,FILM:1.89K OHM,0.25%,0.125W	91637	MFF1816C18900C
A14A1R137	321-0289-03		RES.,FXD,FILM:10K OHM,0.25%,0.125W	91637	MFF1816D10001C
A14A1R138	321-0193-03		RES.,FXD,FILM:1K OHM,0.25%,0.125W	91637	MFF1816D10000C
A14A1R141	311-1417-00		RES.,VAR,NONWIR:2.5K OHM,10%,0.25W	73138	72-58-0
A14A1R151	315-0101-00		RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015

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Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A14A1R211	308-0441-00		RES.,FXD,WW:3 OHM,5%,3W	91637	CW2B-3R00J
A14A1R214	308-0441-00		RES.,FXD,WW:3 OHM,5%,3W	91637	CW2B-3R00J
A14A1R221	315-0132-00		RES.,FXD,CMPSN:1.3K OHM,5%,0.25W	01121	CB1325
A14A1R222	315-0151-00		RES.,FXD,CMPSN:150 OHM,5%,0.25W	01121	CB1515
A14A1R224	301-0241-00		RES.,FXD,CMPSN:240 OHM,5%,0.50W	01121	EB2415
A14A1R226	308-0833-00		RES.,FXD,WW:1.5 OHM,1%,4W	91637	RS21R500F
A14A1R227	315-0103-00		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
A14A1R231	321-0763-07		RES.,FXD,FILM:1.12K OHM,0.1%,0.125W	91637	MFF1816C11200B
A14A1R232	315-0132-00		RES.,FXD,CMPSN:1.3K OHM,5%,0.25W	01121	CB1325
A14A1R233	315-0151-00		RES.,FXD,CMPSN:150 OHM,5%,0.25W	01121	CB1515
A14A1R234	301-0241-00		RES.,FXD,CMPSN:240 OHM,5%,0.50W	01121	EB2415
A14A1R237	308-0833-00		RES.,FXD,WW:1.5 OHM,1%,4W	91637	RS21R500F
A14A1R238	305-0102-00		RES.,FXD,CMPSN:1K OHM,5%,2W	01121	HB1025
A14A1R239	321-0240-00		RES.,FXD,FILM:3.09K OHM,1%,0.125W	91637	MFF1816G30900F
A14A1R321	321-0289-03		RES.,FXD,FILM:10K OHM,0.25%,0.125W	91637	MFF1816D10001C
A14A1R322	321-0698-00		RES.,FXD,FILM:1.89K OHM,0.25%,0.125W	91637	MFF1816C18900C
A14A1R324	321-0193-03		RES.,FXD,FILM:1K OHM,0.25%,0.125W	91637	MFF1816D10000C
A14A1R326	321-0763-07		RES.,FXD,FILM:1.12K OHM,0.1%,0.125W	91637	MFF1816C11200B
A14A1R327	315-0681-00		RES.,FXD,CMPSN:680 OHM,5%,0.25W	01121	CB6815
A14A1R328	315-0750-00		RES.,FXD,CMPSN:75 OHM,5%,0.25W	01121	CB7505
A14A1R331	321-0114-00		RES.,FXD,FILM:150 OHM,1%,0.125W	91637	MFF1816G150R0F
A14A1R332	321-0210-00		RES.,FXD,FILM:1.5K OHM,1%,0.125W	91637	MFF1816G15000F
A14A1R333	321-0698-00		RES.,FXD,FILM:1.89K OHM,0.25%,0.125W	91637	MFF1816C18900C
A14A1R335	321-0289-03		RES.,FXD,FILM:10K OHM,0.25%,0.125W	91637	MFF1816D10001C
A14A1R336	321-0193-03		RES.,FXD,FILM:1K OHM,0.25%,0.125W	91637	MFF1816D10000C
A14A1R338	321-0763-07		RES.,FXD,FILM:1.12K OHM,0.1%,0.125W	91637	MFF1816C11200B
A14A1R339	315-0681-00		RES.,FXD,CMPSN:680 OHM,5%,0.25W	01121	CB6815
A14A1R342	311-1417-00		RES.,VAR,NONWIR:2.5K OHM,10%,0.25W	73138	72-58-0
A14A1R355	315-0101-00		RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
A14A1R411	308-0441-00		RES.,FXD,WW:3 OHM,5%,3W	91637	CW2B-3R00J
A14A1R413	308-0441-00		RES.,FXD,WW:3 OHM,5%,3W	91637	CW2B-3R00J
A14A1R422	301-0241-00		RES.,FXD,CMPSN:240 OHM,5%,0.50W	01121	EB2415
A14A1R424	308-0833-00		RES.,FXD,WW:1.5 OHM,1%,4W	91637	RS21R500F
A14A1R427	315-0103-00		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
A14A1R429	321-0289-03		RES.,FXD,FILM:10K OHM,0.25%,0.125W	91637	MFF1816D10001C
A14A1R431	315-0750-00		RES.,FXD,CMPSN:75 OHM,5%,0.25W	01121	CB7505
A14A1R433	301-0241-00		RES.,FXD,CMPSN:240 OHM,5%,0.50W	01121	EB2415
A14A1R435	308-0833-00		RES.,FXD,WW:1.5 OHM,1%,4W	91637	RS21R500F
A14A1R436	305-0152-00		RES.,FXD,CMPSN:1.5K OHM,5%,2W	01121	HB1525
A14A1R438	321-0240-00		RES.,FXD,FILM:3.09K OHM,1%,0.125W	91637	MFF1816G30900F
A14A1R439	321-0114-00		RES.,FXD,FILM:150 OHM,1%,0.125W	91637	MFF1816G150R0F
A14A1R521	321-0698-00		RES.,FXD,FILM:1.89K OHM,0.25%,0.125W	91637	MFF1816C18900C
A14A1R522	321-0193-03		RES.,FXD,FILM:1K OHM,0.25%,0.125W	91637	MFF1816D10000C
A14A1R526	321-0763-07		RES.,FXD,FILM:1.12K OHM,0.1%,0.125W	91637	MFF1816C11200B
A14A1R527	315-0681-00		RES.,FXD,CMPSN:680 OHM,5%,0.25W	01121	CB6815
A14A1R528	315-0750-00		RES.,FXD,CMPSN:75 OHM,5%,0.25W	01121	CB7505
A14A1R531	321-0210-00		RES.,FXD,FILM:1.5K OHM,1%,0.125W	91637	MFF1816G15000F
A14A1R532	321-0698-00		RES.,FXD,FILM:1.89K OHM,0.25%,0.125W	91637	MFF1816C18900C
A14A1R534	321-0289-03		RES.,FXD,FILM:10K OHM,0.25%,0.125W	91637	MFF1816D10001C
A14A1R536	321-0193-03		RES.,FXD,FILM:1K OHM,0.25%,0.125W	91637	MFF1816D10000C
A14A1R537	321-0763-07		RES.,FXD,FILM:1.12K OHM,0.1%,0.125W	91637	MFF1816C11200B
A14A1R539	315-0681-00		RES.,FXD,CMPSN:680 OHM,5%,0.25W	01121	CB6815
A14A1R542	311-1417-00		RES.,VAR,NONWIR:2.5K OHM,10%,0.25W	73138	72-58-0
A14A1R556	315-0101-00		RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
A14A1R611	308-0441-00		RES.,FXD,WW:3 OHM,5%,3W	91637	CW2B-3R00J
A14A1R613	308-0441-00		RES.,FXD,WW:3 OHM,5%,3W	91637	CW2B-3R00J
A14A1R622	301-0241-00		RES.,FXD,CMPSN:240 OHM,5%,0.50W	01121	EB2415

Preliminary Information

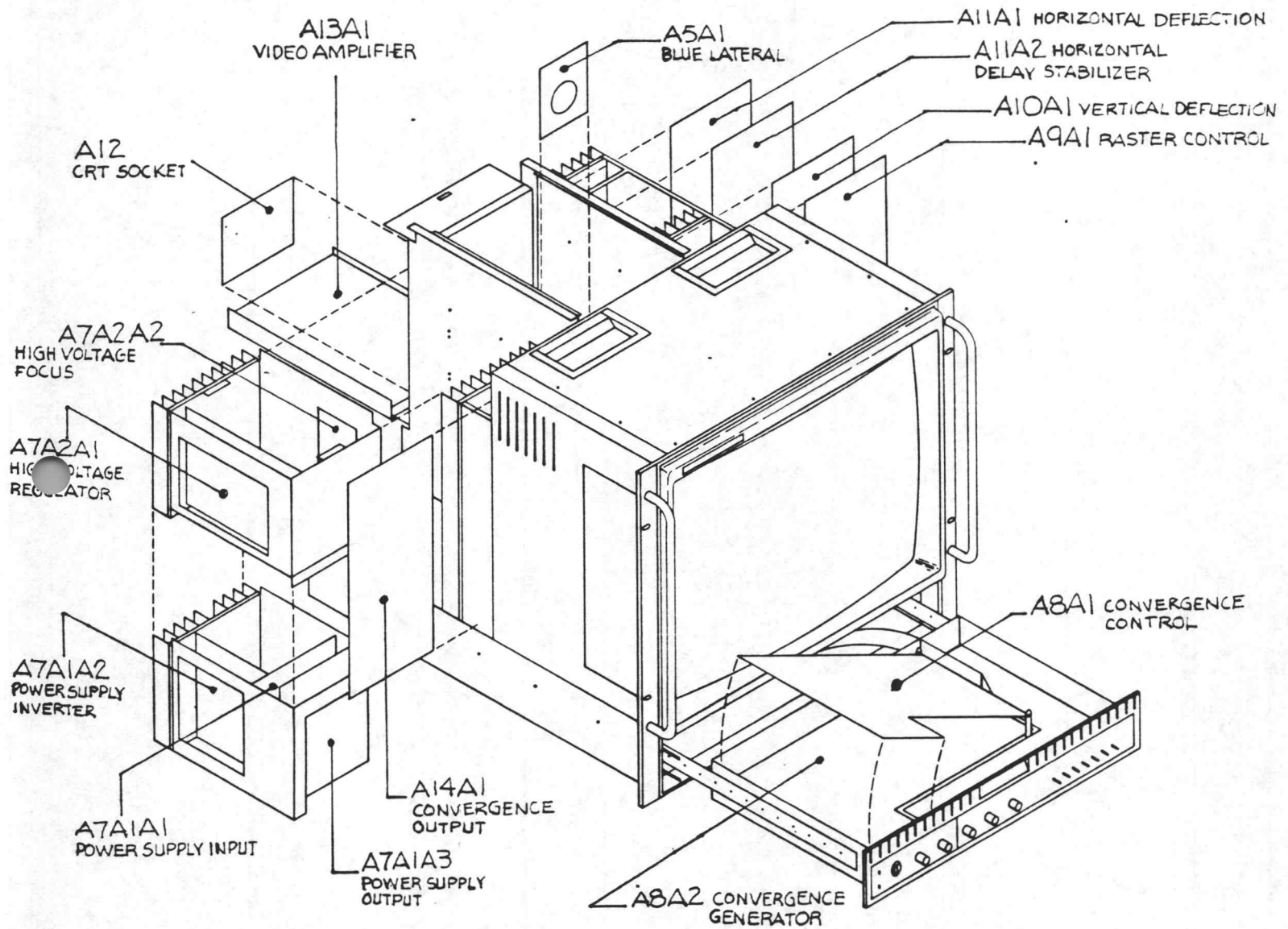
Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A14A1R624	308-0833-00		RES.,FXD,WW:1.5 OHM,1%,4W	91637	RS21R500F
A14A1R627	315-0103-00		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
A14A1R629	321-0289-03		RES.,FXD,FILM:10K OHM,0.25%,0.125W	91637	MFF1816D10001C
A14A1R631	315-0750-00		RES.,FXD,CMPSN:75 OHM,5%,0.25W	01121	CB7505
A14A1R633	301-0241-00		RES.,FXD,CMPSN:240 OHM,5%,0.50W	01121	EB2415
A14A1R635	308-0833-00		RES.,FXD,WW:1.5 OHM,1%,4W	91637	RS21R500F
A14A1R636	305-0152-00		RES.,FXD,CMPSN:1.5K OHM,5%,2W	01121	HB1525
A14A1R637	321-0240-00		RES.,FXD,FILM:3.09K OHM,1%,0.125W	91637	MFF1816G30900F
A14A1R648	311-1417-00		RES.,VAR,NONWIR:2.5K OHM,10%,0.25W	73138	72-58-0
A14A1R721	321-0698-00		RES.,FXD,FILM:1.89K OHM,0.25%,0.125W	91637	MFF1816C18900C
A14A1R722	321-0193-03		RES.,FXD,FILM:1K OHM,0.25%,0.125W	91637	MFF1816D10000C
A14A1R726	321-0763-07		RES.,FXD,FILM:1.12K OHM,0.1%,0.125W	91637	MFF1816C11200B
A14A1R728	315-0471-00		RES.,FXD,CMPSN:470 OHM,5%,0.25W	01121	CB4715
A14A1R729	315-0470-00		RES.,FXD,CMPSN:47 OHM,5%,0.25W	01121	CB4705
A14A1R730	321-0114-00		RES.,FXD,FILM:150 OHM,1%,0.125W	91637	MFF1816G150R0F
A14A1R731	321-0210-00		RES.,FXD,FILM:1.5K OHM,1%,0.125W	91637	MFF1816G15000F
A14A1R732	321-0698-00		RES.,FXD,FILM:1.89K OHM,0.25%,0.125W	91637	MFF1816C18900C
A14A1R734	321-0289-03		RES.,FXD,FILM:10K OHM,0.25%,0.125W	91637	MFF1816D10001C
A14A1R736	321-0193-03		RES.,FXD,FILM:1K OHM,0.25%,0.125W	91637	MFF1816D10000C
A14A1R738	321-0763-07		RES.,FXD,FILM:1.12K OHM,0.1%,0.125W	91637	MFF1816C11200B
A14A1R739	315-0471-00		RES.,FXD,CMPSN:470 OHM,5%,0.25W	01121	CB4715
A14A1R744	315-0331-00		RES.,FXD,CMPSN:330 OHM,5%,0.25W	01121	CB3315
A14A1R811	308-0441-00		RES.,FXD,WW:3 OHM,5%,3W	91637	CW2B-3R00J
A14A1R813	308-0441-00		RES.,FXD,WW:3 OHM,5%,3W	91637	CW2B-3R00J
A14A1R820	315-0331-00		RES.,FXD,CMPSN:330 OHM,5%,0.25W	01121	CB3315
A14A1R822	301-0241-00		RES.,FXD,CMPSN:240 OHM,5%,0.50W	01121	EB2415
A14A1R824	308-0799-00		RES.,FXD,WW:1 OHM,1%,4W	91637	NS21R000F
A14A1R827	315-0103-00		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
A14A1R831	315-0470-00		RES.,FXD,CMPSN:47 OHM,5%,0.25W	01121	CB4705
A14A1R832	301-0241-00		RES.,FXD,CMPSN:240 OHM,5%,0.50W	01121	EB2415
A14A1R834	308-0799-00		RES.,FXD,WW:1 OHM,1%,4W	91637	NS21R000F
A14A1R836	305-0102-00		RES.,FXD,CMPSN:1K OHM,5%,2W	01121	HB1025
A14A1TP112	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A14A1TP211	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A14A1TP227	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A14A1TP242	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A14A1TP311	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A14A1TP317	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A14A1TP348	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A14A1TP419	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A14A1TP427	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A14A1TP517	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A14A1TP547	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A14A1TP619	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A14A1TP627	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A14A1TP717	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A14A1TP747	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A14A1TP759	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A14A1TP817	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A14A1TP819	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A14A1TP849	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A14A1TP911	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A14A1TP943	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A14A1TP945	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02
A14A1TP946	214-0579-02		TERM,TEST POINT:BRASS	80009	214-0579-02

Preliminary Information

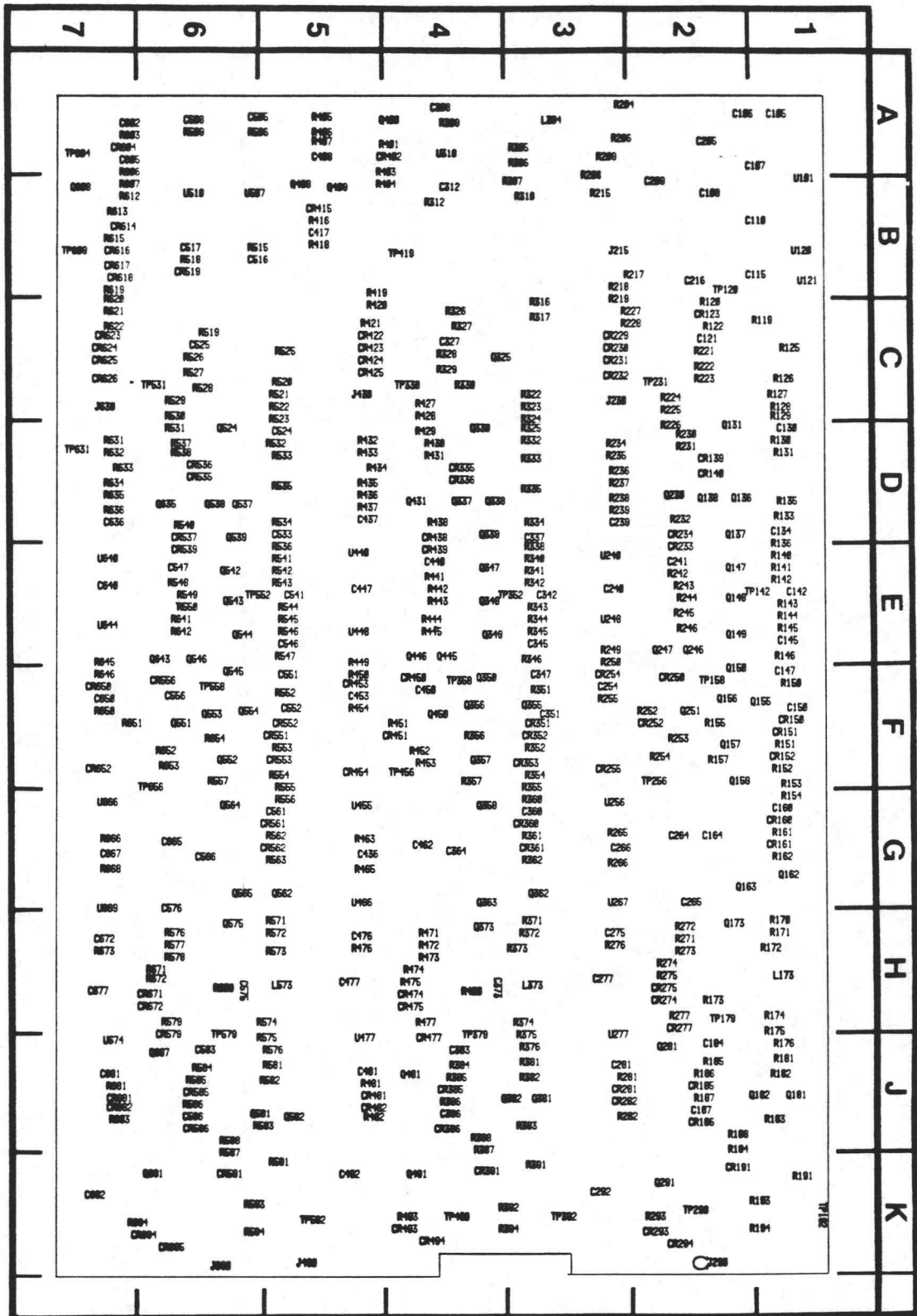
Component No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
CHASSIS PARTS					
F100	159-0021-00		FUSE, CARTRIDGE: 3AG, 2A, 250V, FAST-BLOW	71400	AGC 2
F100	159-0014-00		FUSE, CARTRIDGE: 3AG, 5A, 250V, FAST-BLOW	71400	MTH5
V100	154-0834-00		ELECTON TUBE: CRT, HIGH RESOLN, COLOR	80009	154-0834-00

Preliminary Information

Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff	Dscont	Qty	1	2	3	4	5	Name & Description	Mfr Code	Mfr Part Num
										STANDARD ACCESSORIES		
	161-0104-00			1						CABLE ASSY,PWR:3 WIRE,98.0 L,W/RTANG CONN	80009	161-0104-00
	214-3292-00			2						KEY,LOCK:	81741	#KA 1289
	061-2553-00			1						MANUAL,TECH:INSTR	80009	061-2553-00
										OPTIONAL ACCESSORIES		
	067-0999-00			-						FIXTURE,CAL:RIGID MODULE EXTENDER	80009	067-0999-00
	067-0998-00			-						FIXTURE,CAL:MINIMUM LOAD UNIT	80009	067-0998-00
	067-1000-00			-						FIXTURE,CAL:FLEXIBLE INTERFACE MODULE	80009	067-1000-00
	067-1034-00			-						FIXTURE,CAL:CRT SCALE,11 X 15 LINE	80009	067-1034-00
	067-1054-00			-						FIXTURE,CAL:CRT SCALE,14 X 17 LINE	80009	067-1054-00
	067-1055-00			-						FIXTURE,CAL:CRT SCALE,15 X 20 LINE	80009	067-1055-00

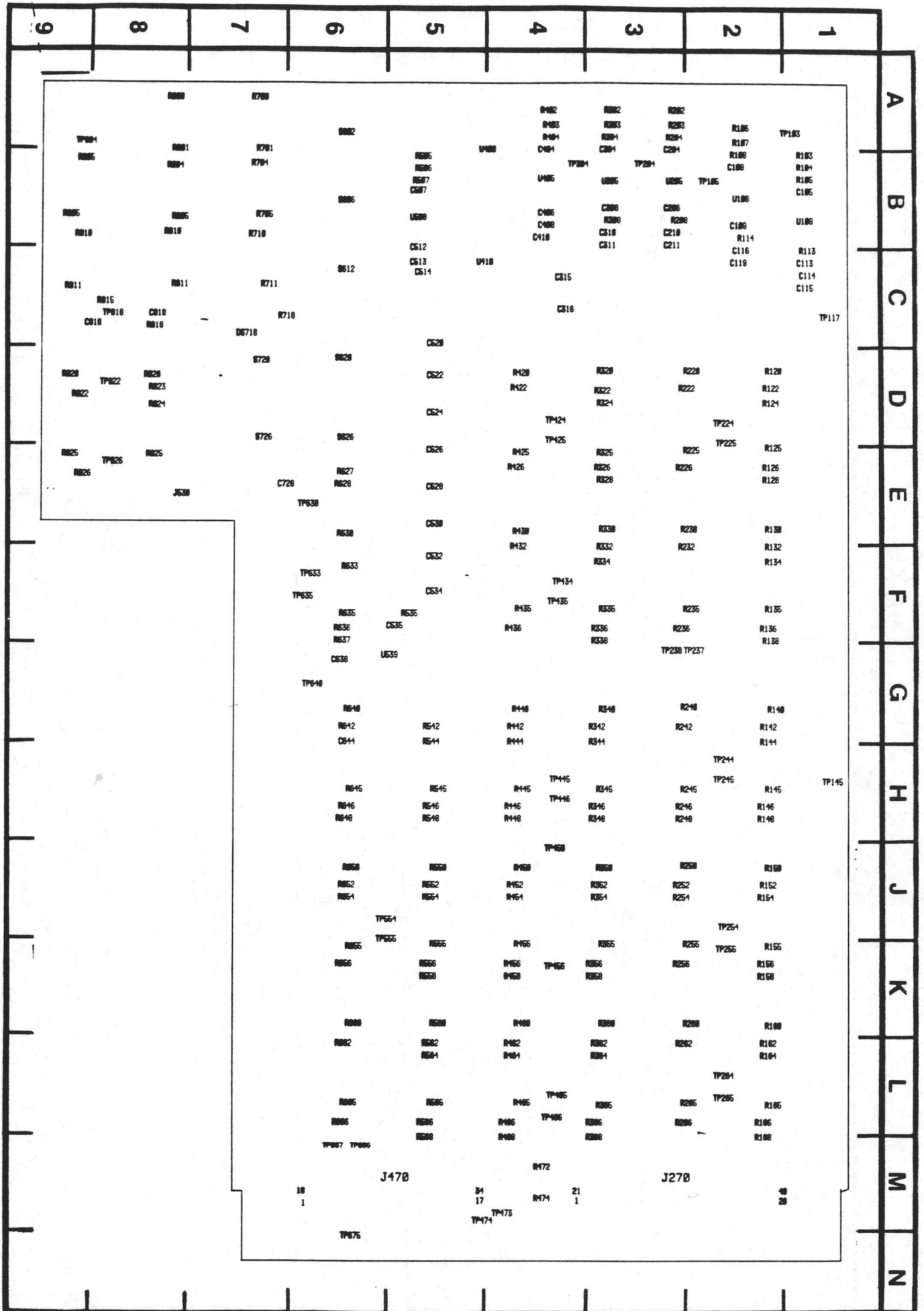




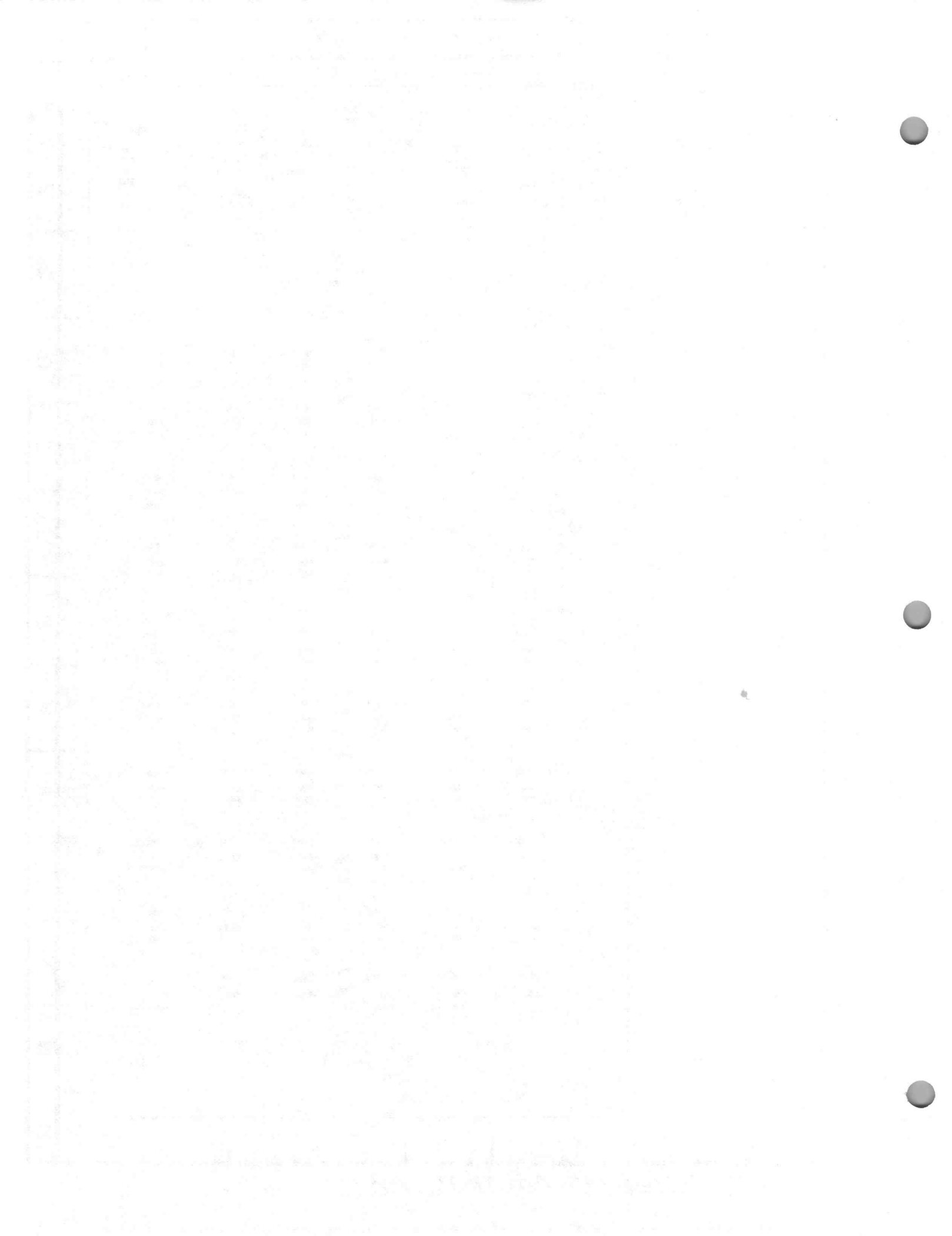


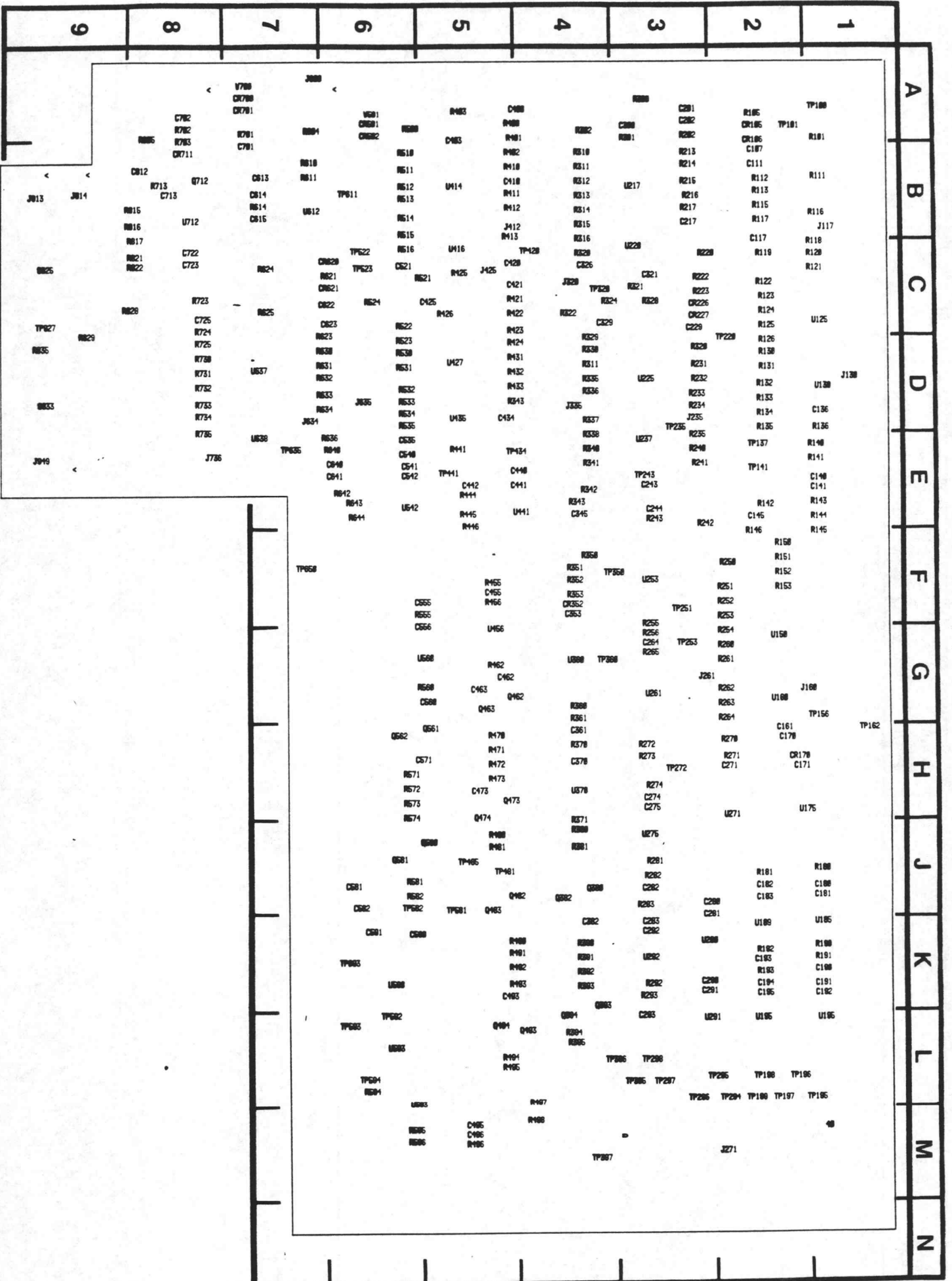
VIDEO AMPLIFIER A13A1

THE
LIFE
OF
JAMES
MILTON
MAY
BY
JAMES
MILTON
MAY
AND
JAMES
MILTON
MAY



CONVERGENCE CONTROL ABAI



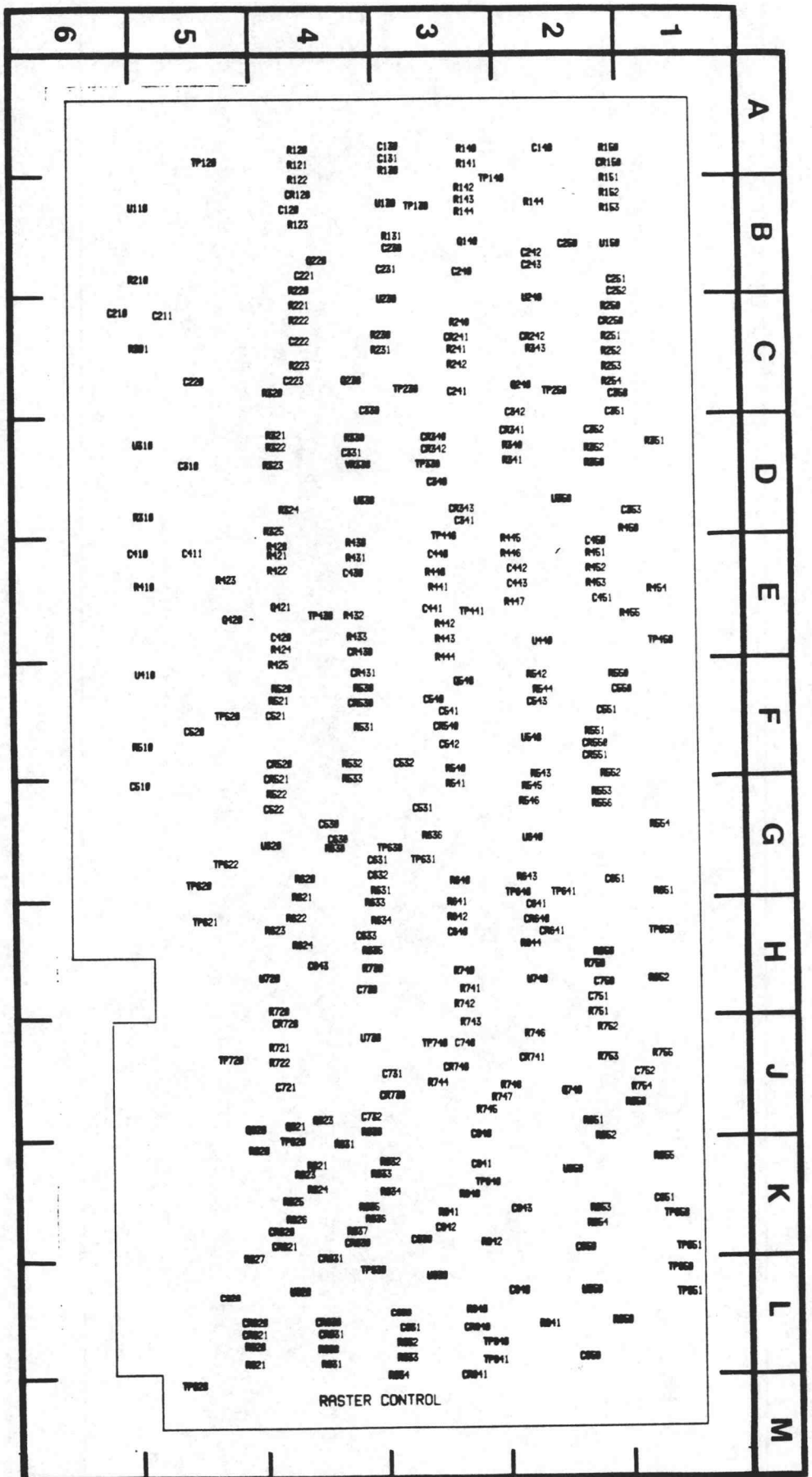


CONVERGENCE GENERATOR ABAZ

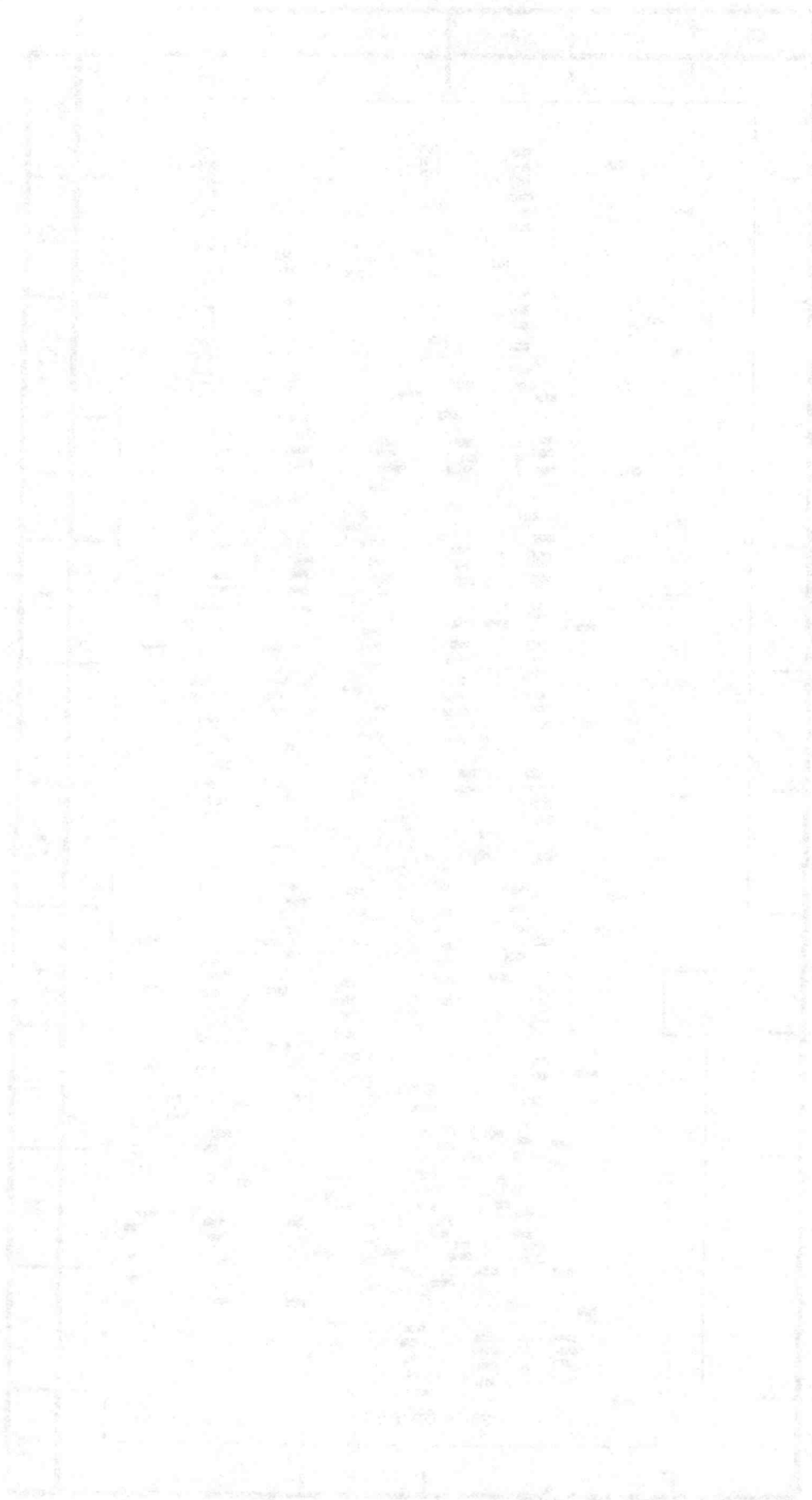


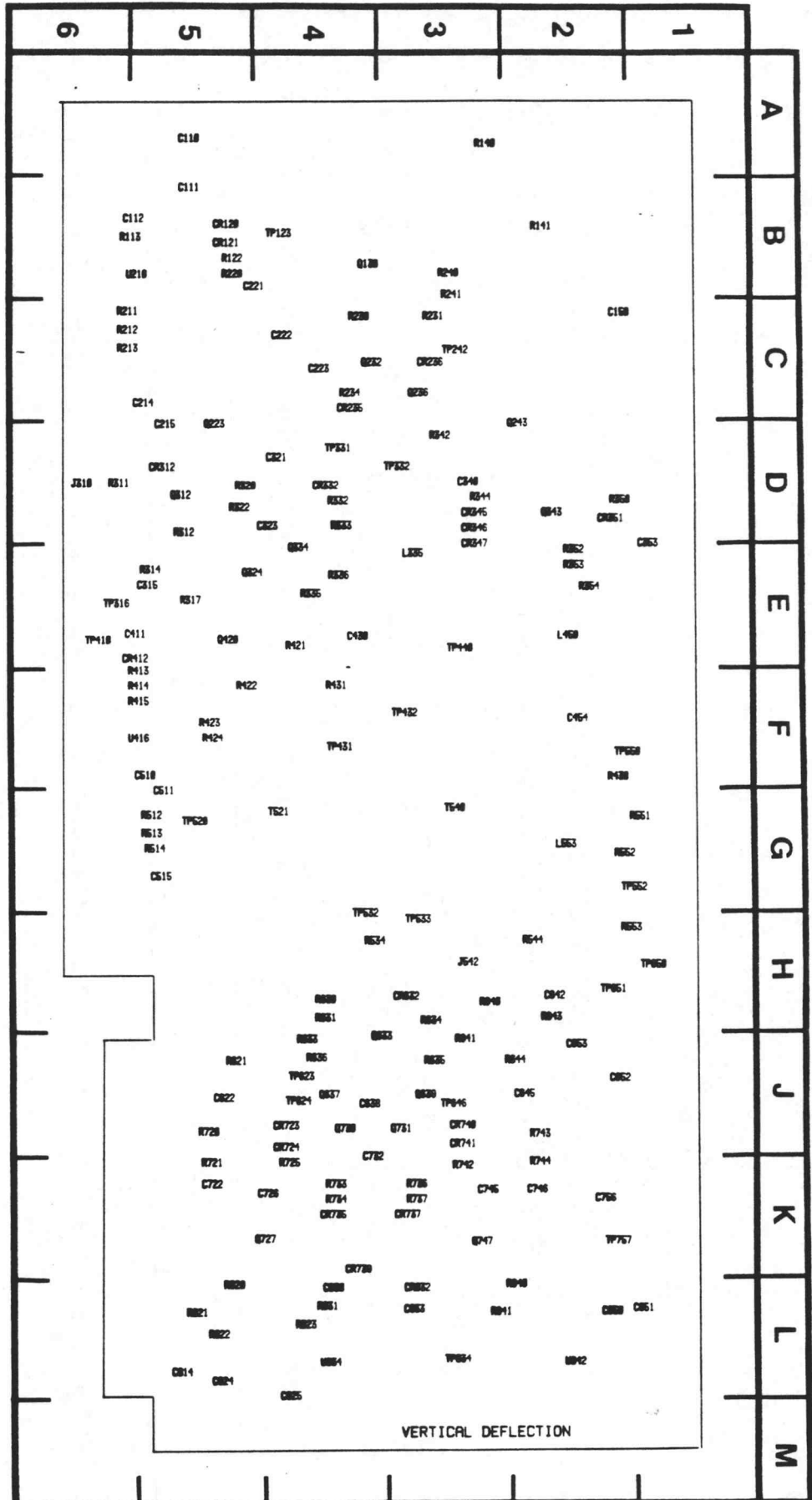
Faint, illegible text, possibly bleed-through from the reverse side of the page. The text is arranged in several paragraphs and is too light to transcribe accurately.



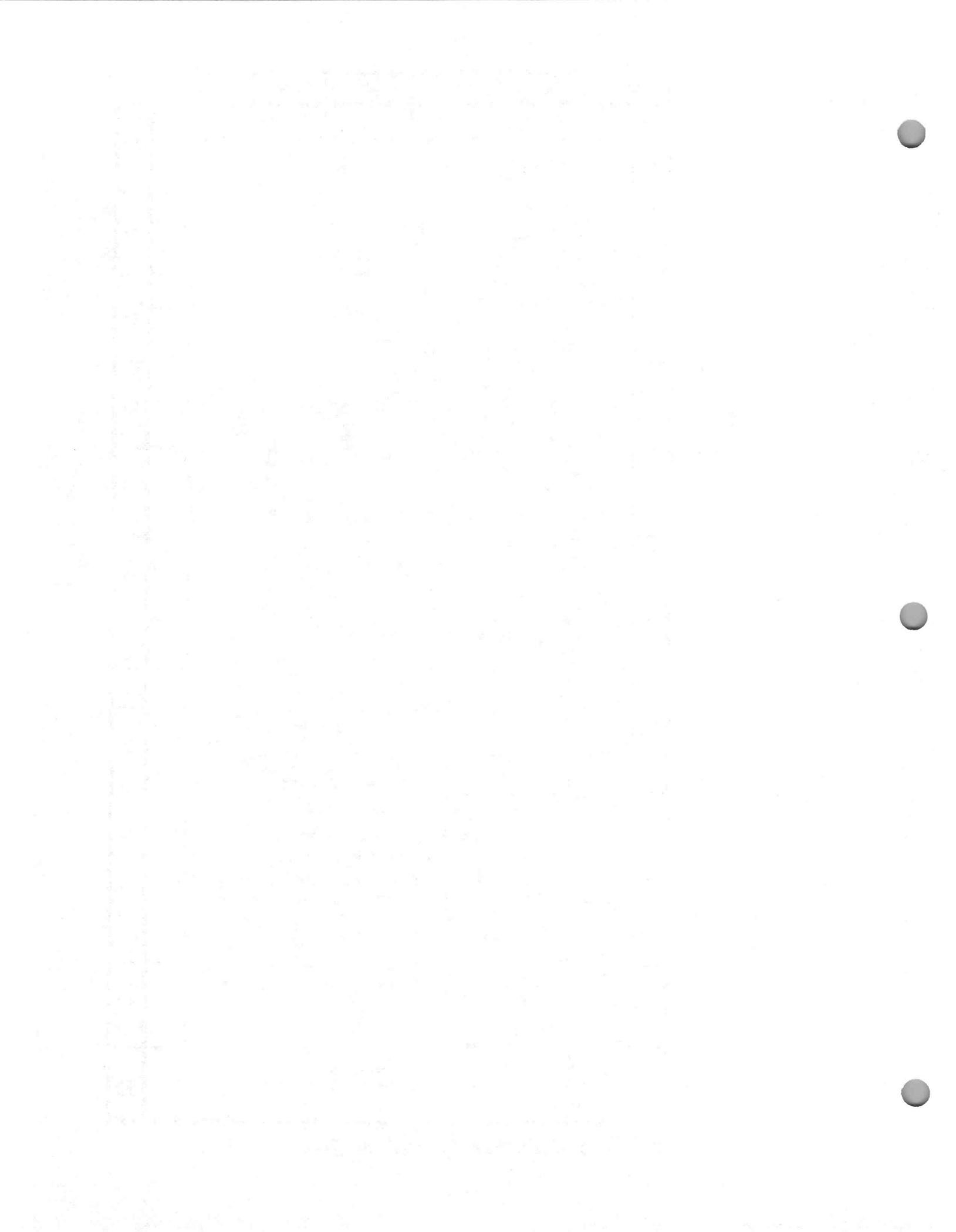


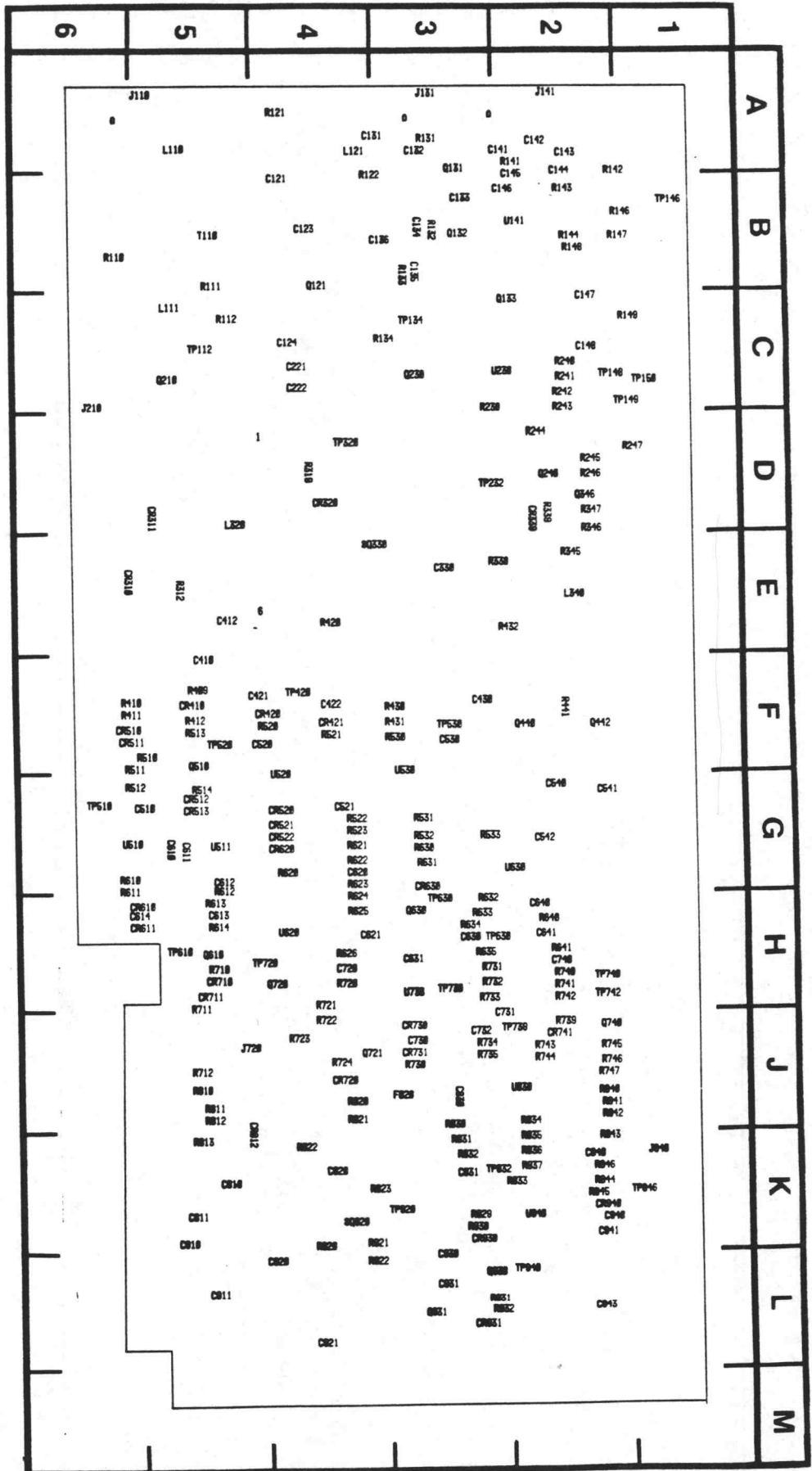
RASTER CONTROL A9A1





VERTICAL DEFLECTION AIOAI





HORIZONTAL DEFLECTION A11A1

1945

1. The first part of the report deals with the general situation of the country and the progress of the war. It is a very interesting and informative account of the events of the year.

2. The second part of the report deals with the economic situation of the country and the progress of the war. It is a very interesting and informative account of the events of the year.

3. The third part of the report deals with the social situation of the country and the progress of the war. It is a very interesting and informative account of the events of the year.

4. The fourth part of the report deals with the political situation of the country and the progress of the war. It is a very interesting and informative account of the events of the year.

5. The fifth part of the report deals with the military situation of the country and the progress of the war. It is a very interesting and informative account of the events of the year.

6. The sixth part of the report deals with the cultural situation of the country and the progress of the war. It is a very interesting and informative account of the events of the year.

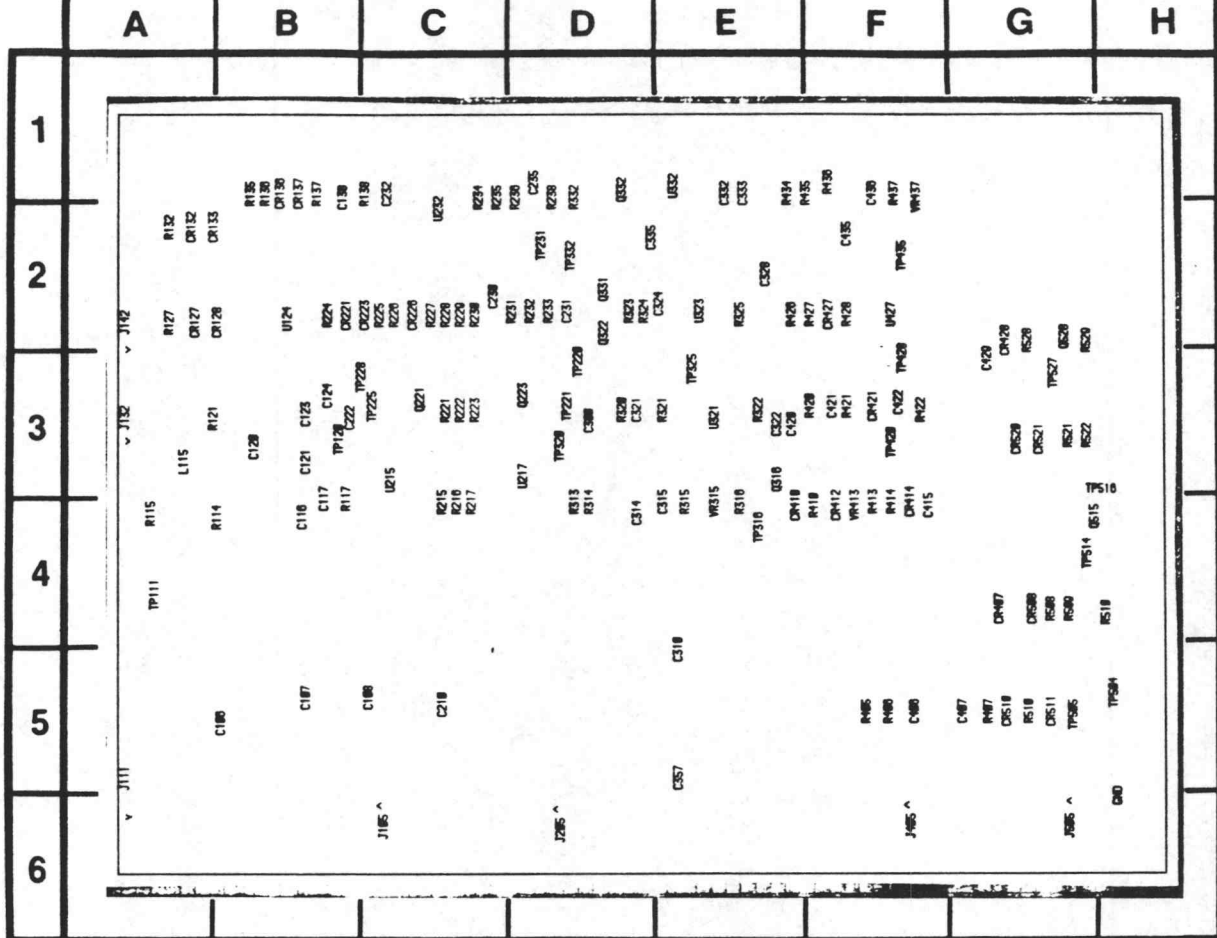
7. The seventh part of the report deals with the scientific situation of the country and the progress of the war. It is a very interesting and informative account of the events of the year.

8. The eighth part of the report deals with the artistic situation of the country and the progress of the war. It is a very interesting and informative account of the events of the year.

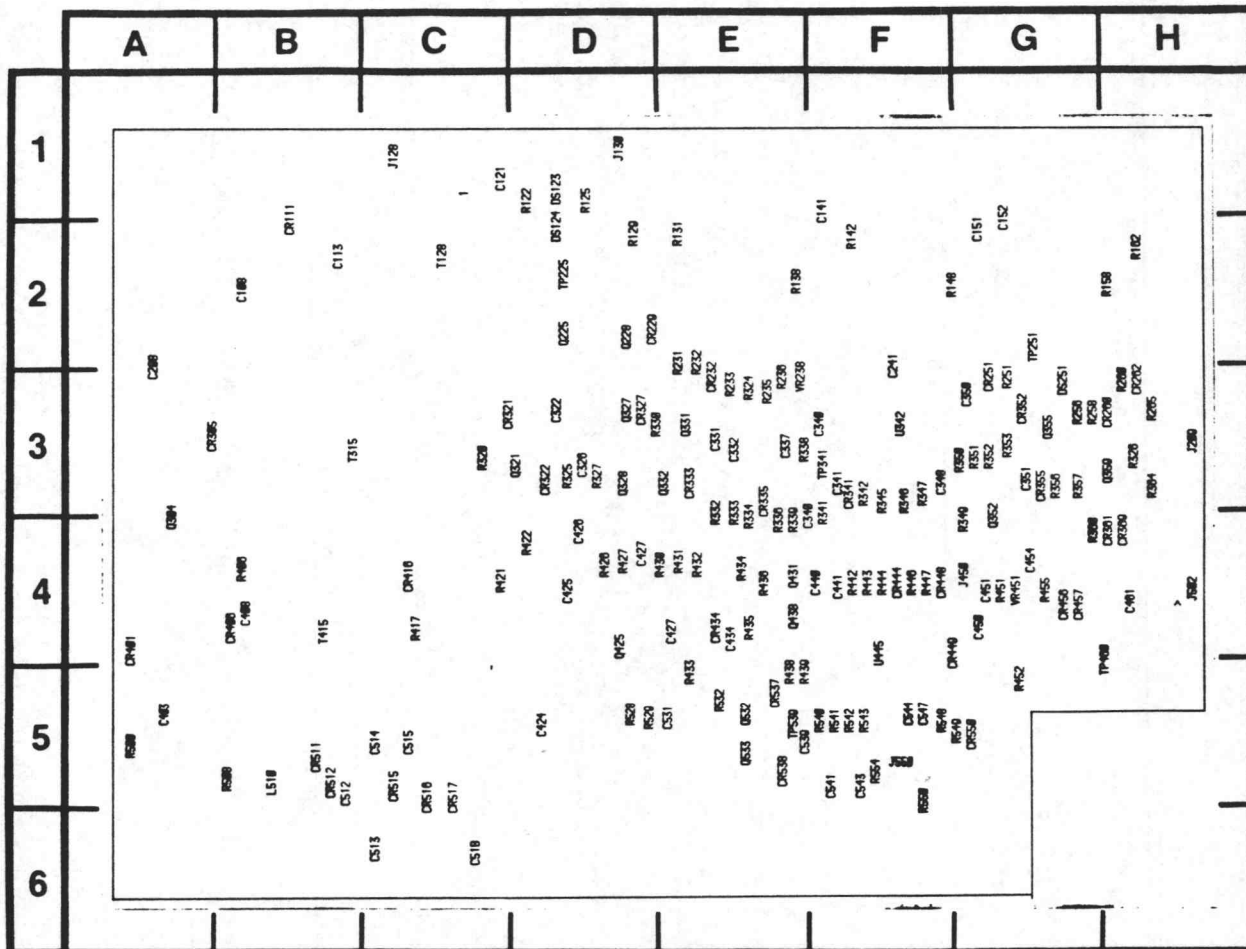
9. The ninth part of the report deals with the literary situation of the country and the progress of the war. It is a very interesting and informative account of the events of the year.

10. The tenth part of the report deals with the historical situation of the country and the progress of the war. It is a very interesting and informative account of the events of the year.



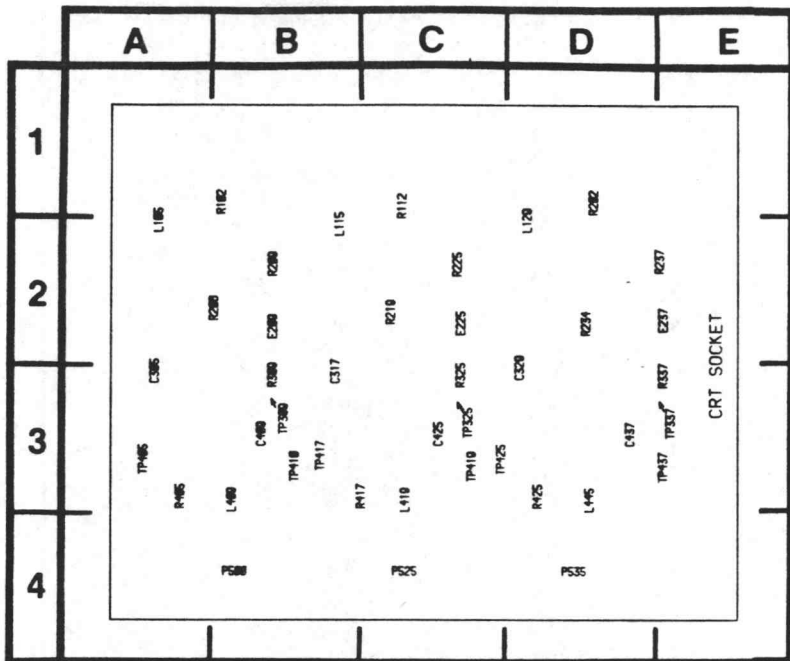


HORIZONTAL DELAY STABILIZER A11A2

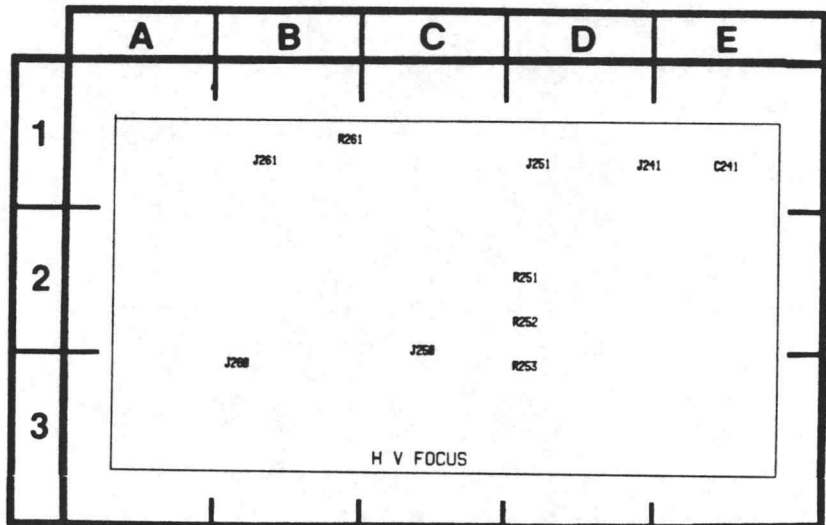


HIGH VOLTAGE A7A2A1

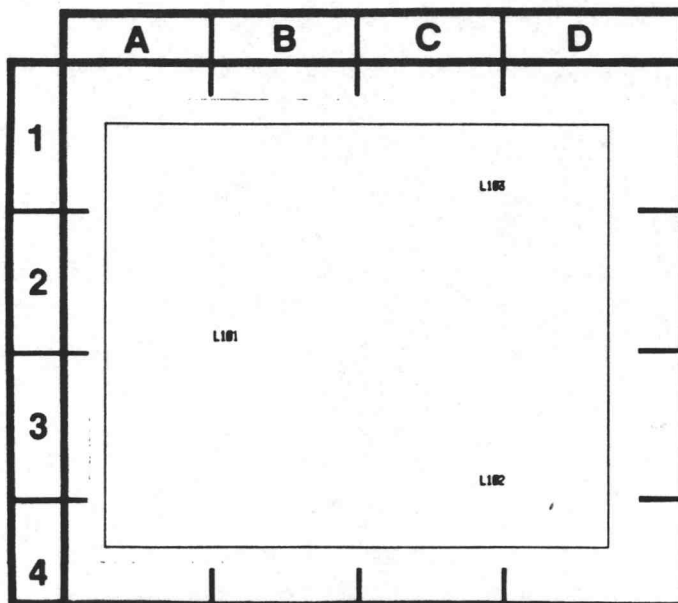
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Population	150,000,000	155,000,000	160,000,000	165,000,000	170,000,000	175,000,000	180,000,000	185,000,000	190,000,000	195,000,000	200,000,000	205,000,000	210,000,000	215,000,000	220,000,000	225,000,000	230,000,000	235,000,000	240,000,000	245,000,000	250,000,000	255,000,000	260,000,000	265,000,000	270,000,000	275,000,000	280,000,000	285,000,000	290,000,000	295,000,000	300,000,000	305,000,000	310,000,000	315,000,000	320,000,000	325,000,000	330,000,000	335,000,000	340,000,000	345,000,000	350,000,000	355,000,000	360,000,000	365,000,000	370,000,000	375,000,000	380,000,000	385,000,000	390,000,000	395,000,000	400,000,000	405,000,000	410,000,000	415,000,000	420,000,000	425,000,000	430,000,000	435,000,000	440,000,000	445,000,000	450,000,000	455,000,000	460,000,000	465,000,000	470,000,000	475,000,000	480,000,000	485,000,000	490,000,000	495,000,000	500,000,000	505,000,000	510,000,000	515,000,000	520,000,000	525,000,000	530,000,000	535,000,000	540,000,000	545,000,000	550,000,000	555,000,000	560,000,000	565,000,000	570,000,000	575,000,000	580,000,000	585,000,000	590,000,000	595,000,000	600,000,000	605,000,000	610,000,000	615,000,000	620,000,000	625,000,000	630,000,000	635,000,000	640,000,000	645,000,000	650,000,000	655,000,000	660,000,000	665,000,000	670,000,000	675,000,000	680,000,000	685,000,000	690,000,000	695,000,000	700,000,000	705,000,000	710,000,000	715,000,000	720,000,000	725,000,000	730,000,000	735,000,000	740,000,000	745,000,000	750,000,000	755,000,000	760,000,000	765,000,000	770,000,000	775,000,000	780,000,000	785,000,000	790,000,000	795,000,000	800,000,000	805,000,000	810,000,000	815,000,000	820,000,000	825,000,000	830,000,000	835,000,000	840,000,000	845,000,000	850,000,000	855,000,000	860,000,000	865,000,000	870,000,000	875,000,000	880,000,000	885,000,000	890,000,000	895,000,000	900,000,000	905,000,000	910,000,000	915,000,000	920,000,000	925,000,000	930,000,000	935,000,000	940,000,000	945,000,000	950,000,000	955,000,000	960,000,000	965,000,000	970,000,000	975,000,000	980,000,000	985,000,000	990,000,000	995,000,000	1,000,000,000



CRT SOCKET A12



HIGH VOLTS FOCUS A7A2A2



BLUE LATERAL A5A1

1. The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that this is crucial for ensuring the integrity of the financial statements and for providing a clear audit trail.

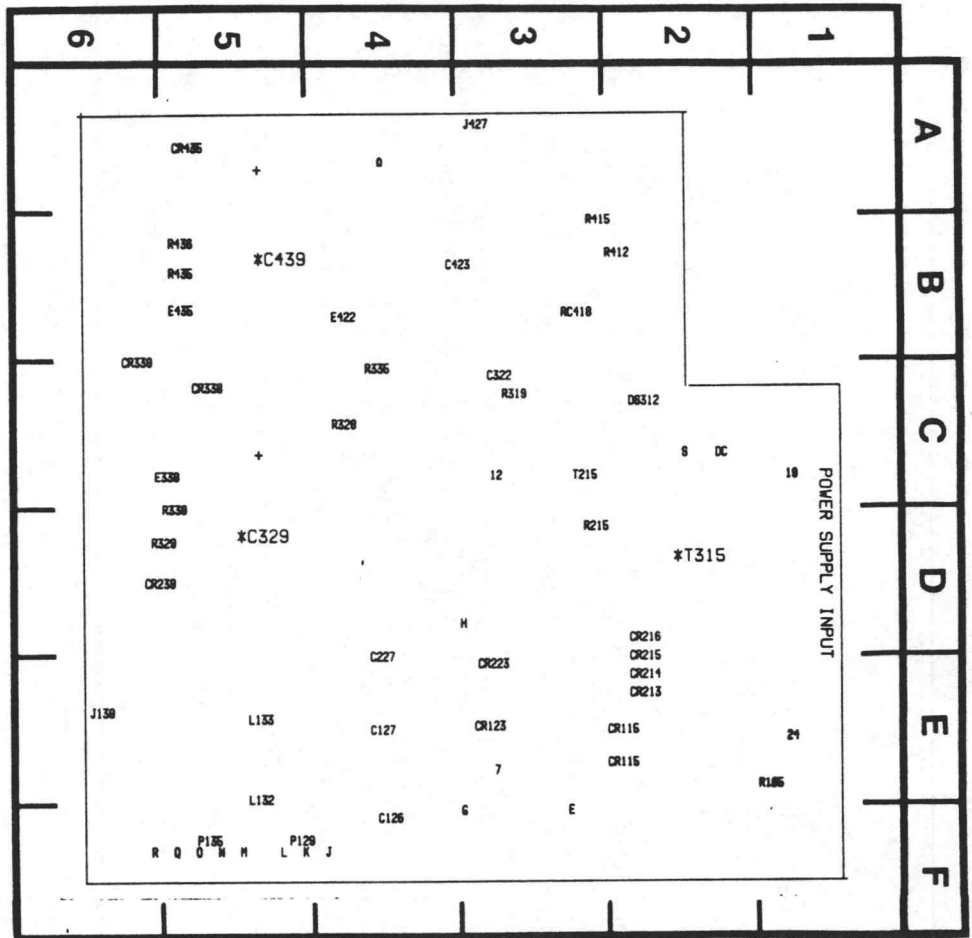
2. The second part of the document outlines the specific procedures for recording transactions. It details the steps involved in identifying the nature of the transaction, determining the appropriate accounting treatment, and recording the entry in the general ledger.

3. The third part of the document discusses the importance of reconciling the accounts. It explains how regular reconciliations help to identify and correct errors, ensuring that the books are balanced and that the financial statements are accurate.

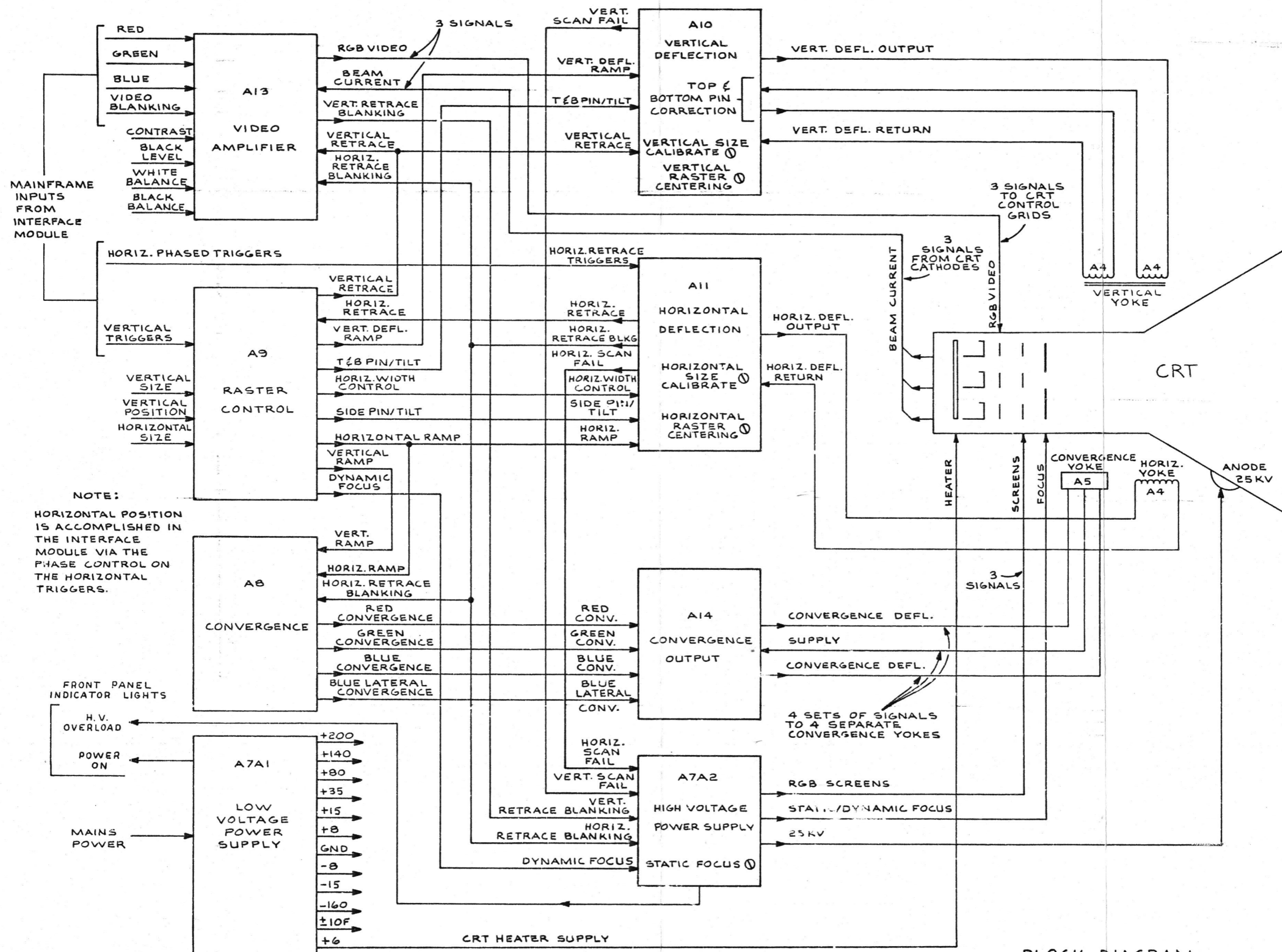
4. The final part of the document provides a summary of the key points discussed and offers some concluding thoughts on the importance of sound accounting practices.

DATE	DESCRIPTION	AMOUNT	CHECK NO.	BANK	INITIALS
1/15/20
1/20/20
1/25/20
2/1/20
2/5/20
2/10/20
2/15/20
2/20/20
2/25/20
3/1/20
3/5/20
3/10/20
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7/31/20

STATE OF TEXAS



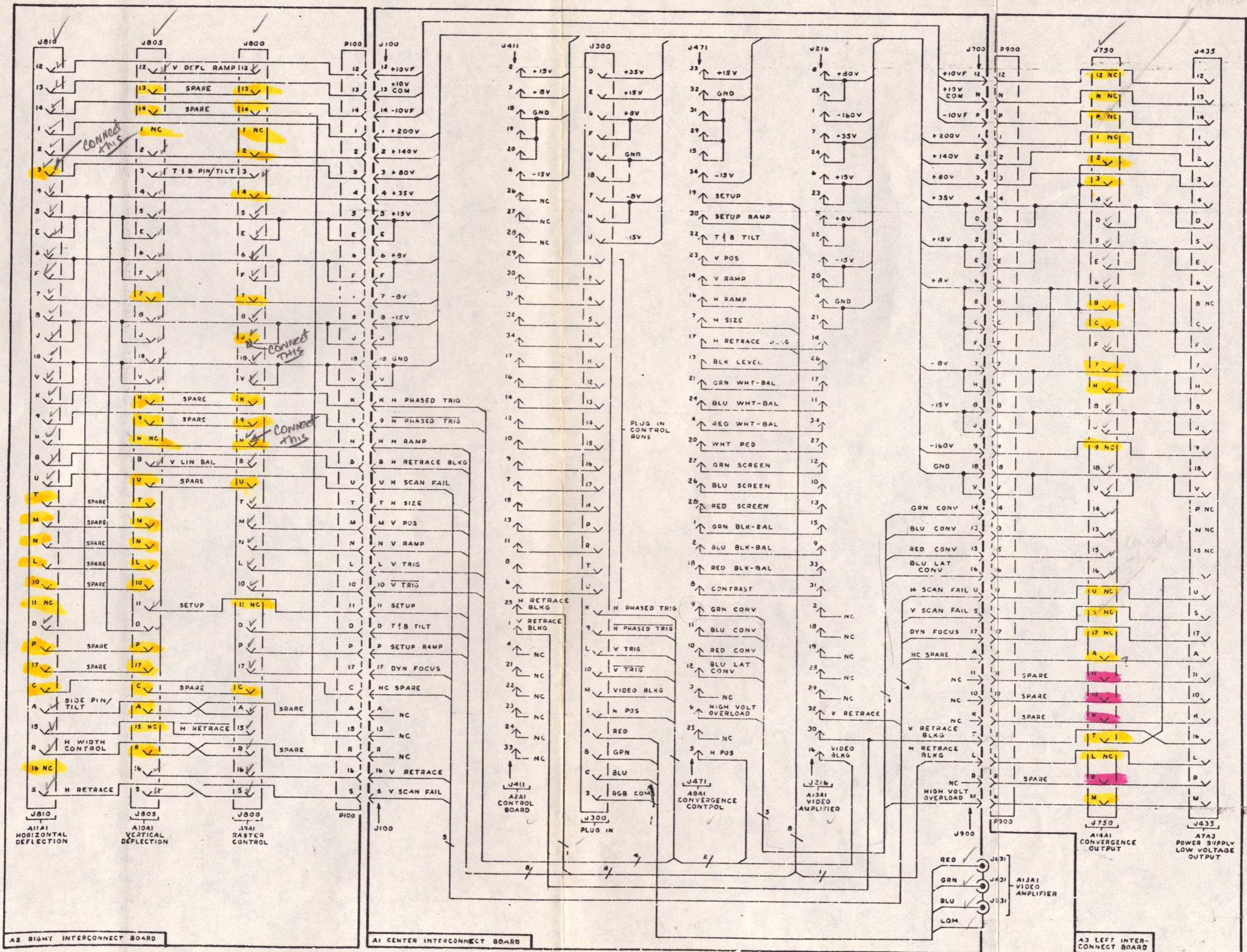
POWER SUPPLY INPUT A7A1A1



NOTE:
HORIZONTAL POSITION IS ACCOMPLISHED IN THE INTERFACE MODULE VIA THE PHASE CONTROL ON THE HORIZONTAL TRIGGERS.

6942 COLOR DISPLAY MAINFRAME

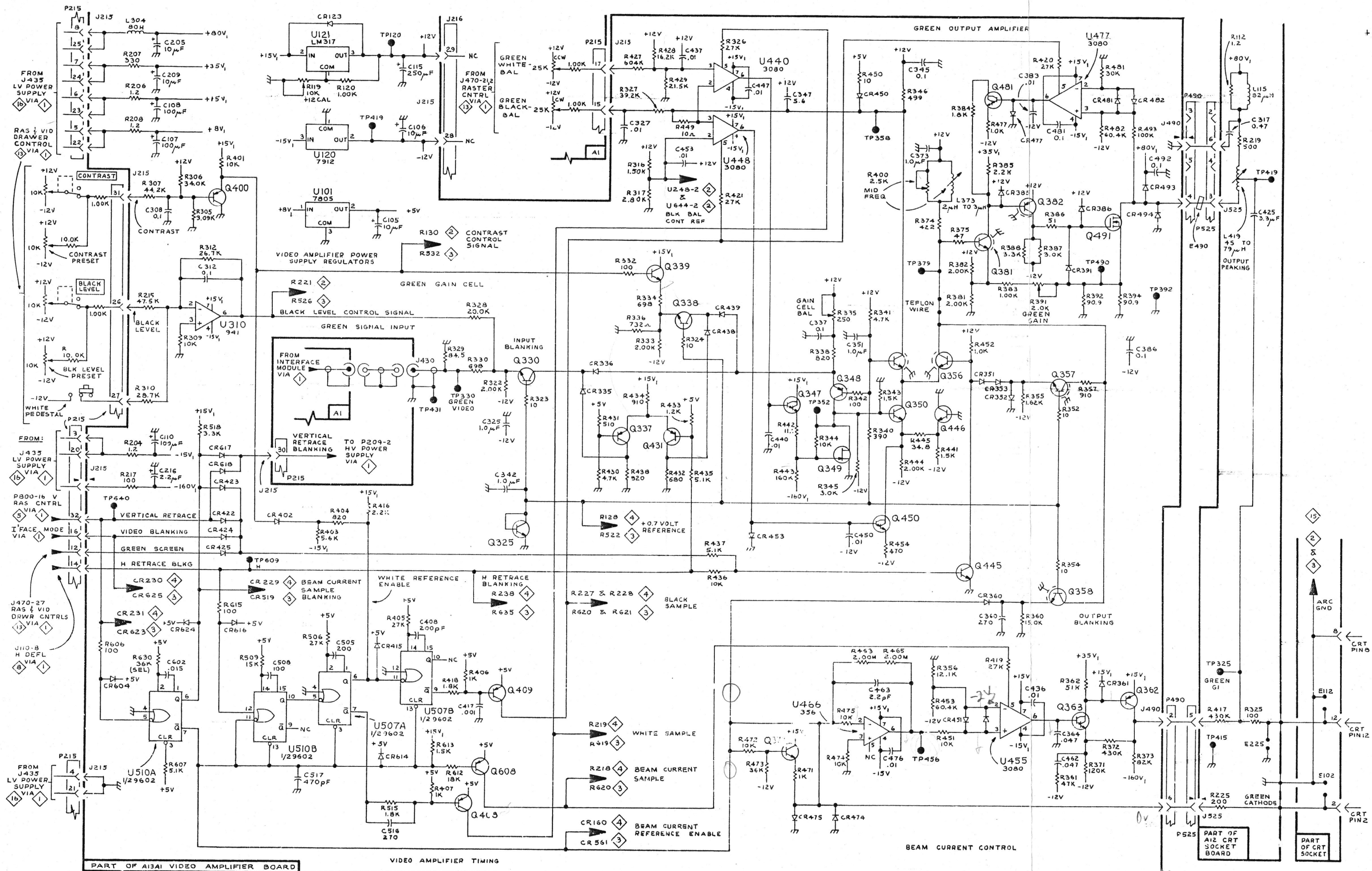
BLOCK DIAGRAM

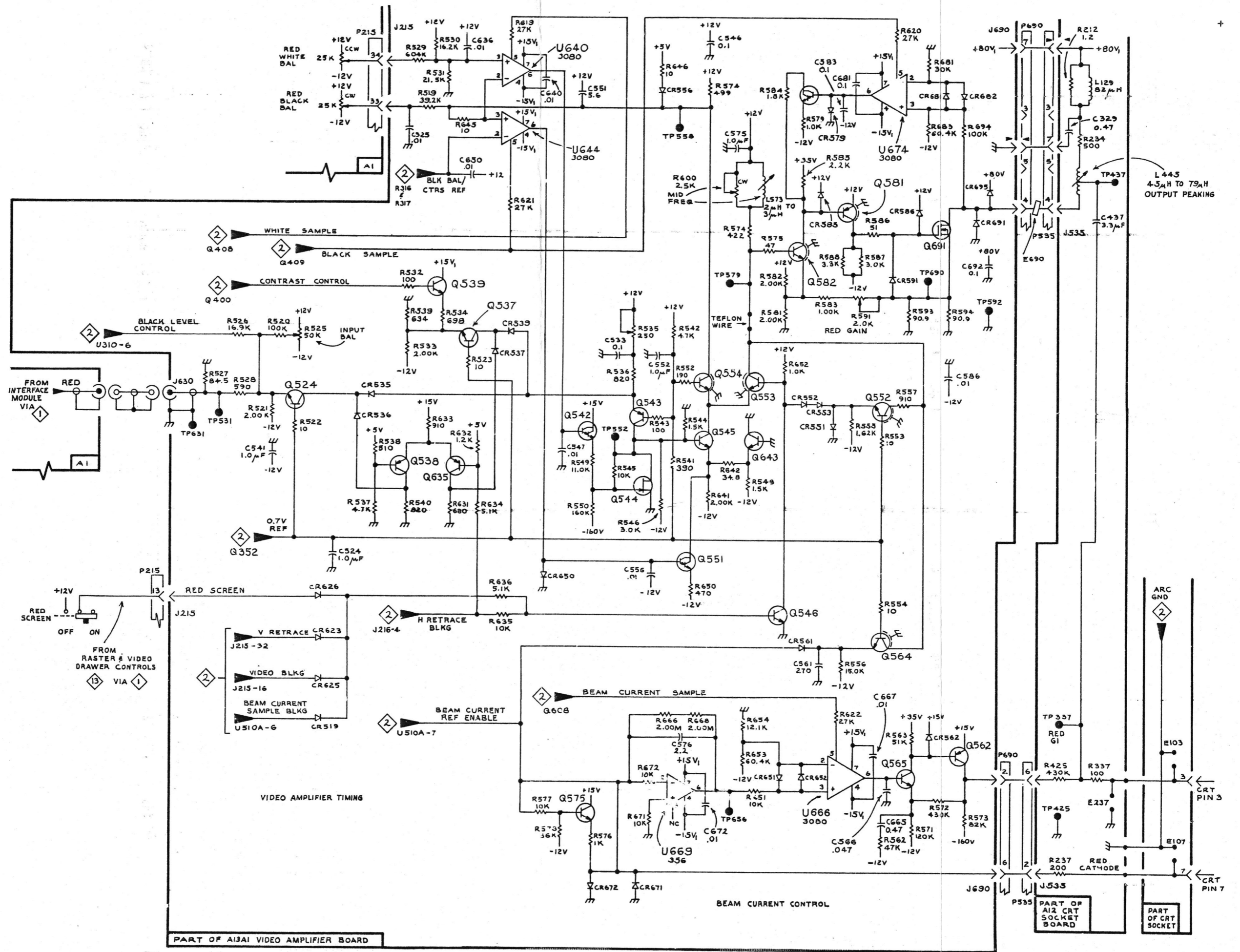


A 1
 B 2
 C 3
 D 4
 E 5
 F 6
 G 7
 H 8
 J 9
 K 10
 L 11
 M 12
 N 13
 P 14
 R 15
 S 16
 T 17
 U 18
 V 19

6042 COLOR DISPLAY MAINFRAME

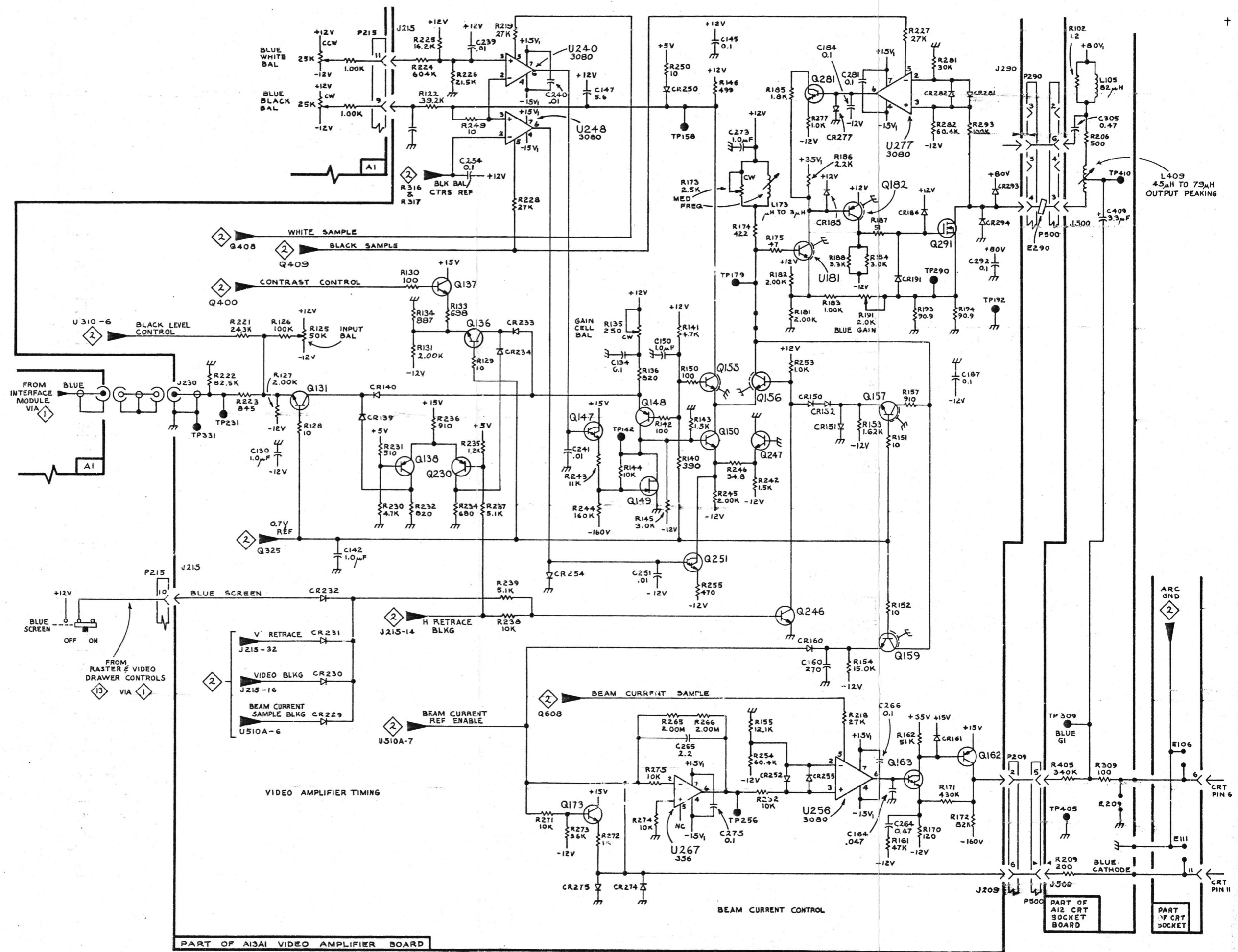
INTERCONNECT SYSTEM





690SR TV COLOR MONITOR

RED VIDEO AMPLIFIER



690SR TV COLOR MONITOR

BLUE VIDEO AMPLIFIER

L409
4.5μH TO 79μH
OUTPUT PEAKING

PART OF A12 CRT SOCKET BOARD

PART OF CRT SOCKET

PART OF A13A1 VIDEO AMPLIFIER BOARD

VIDEO AMPLIFIER TIMING

BEAM CURRENT CONTROL

FROM INTERFACE MODULE VIA

FROM RASTER & VIDEO DRAWER CONTROLS VIA

BLUE SCREEN OFF ON

H RETRACE BLKG

BEAM CURRENT REF ENABLE

WHITE SAMPLE

BLACK SAMPLE

CONTRAST CONTROL

BLACK LEVEL CONTROL

INPUT BAL

0.7V REF

BLUE SCREEN

V RETRACE

VIDEO BLKG

BEAM CURRENT SAMPLE BLKG

BEAM CURRENT REF ENABLE

BEAM CURRENT SAMPLE BLKG

BEAM CURRENT REF ENABLE

BEAM CURRENT SAMPLE BLKG

BEAM CURRENT REF ENABLE

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BEAM CURRENT REF ENABLE

BEAM CURRENT SAMPLE BLKG

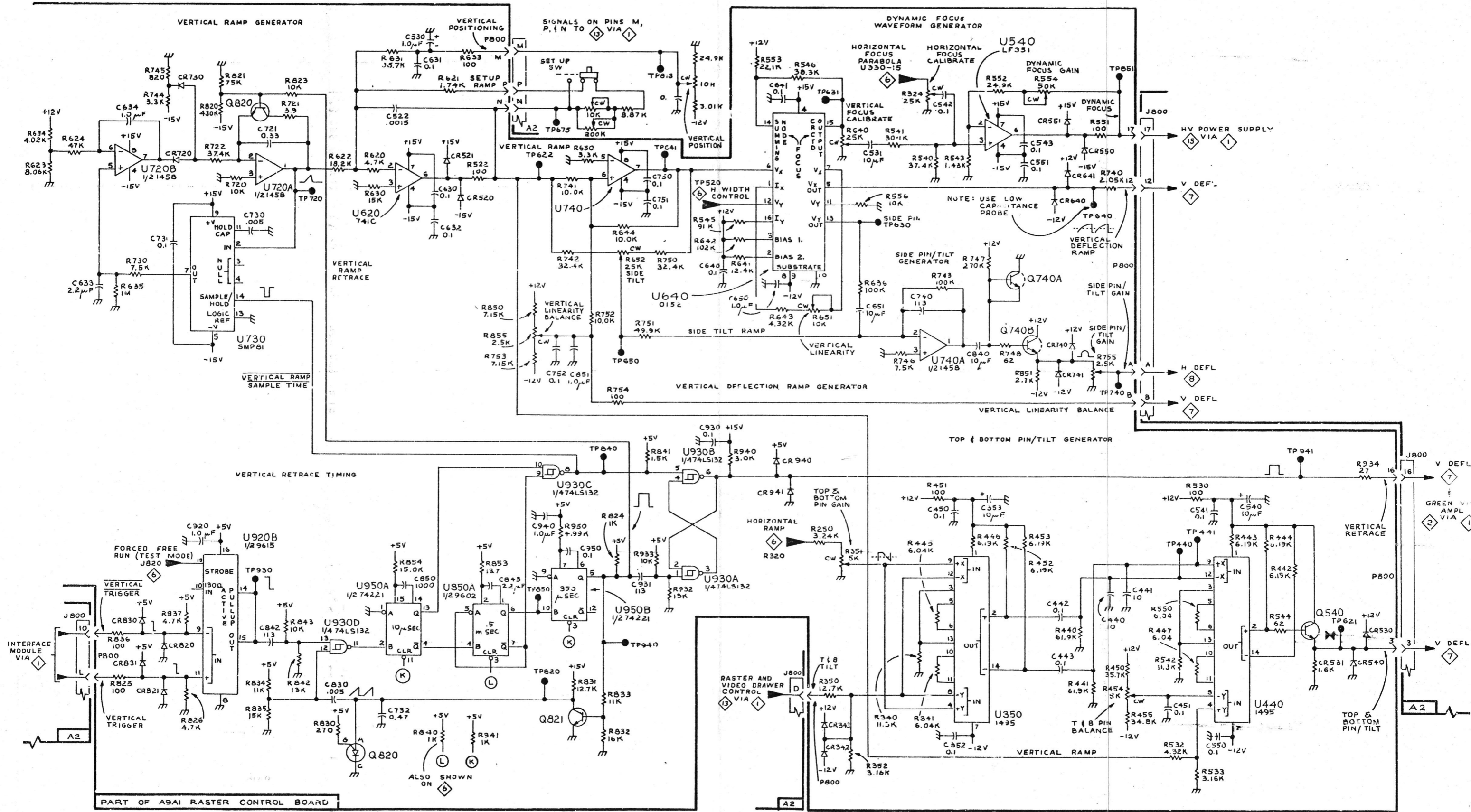
BEAM CURRENT REF ENABLE

BEAM CURRENT SAMPLE BLKG

BEAM CURRENT REF ENABLE

BEAM CURRENT SAMPLE BLKG

BEAM CURRENT REF ENABLE

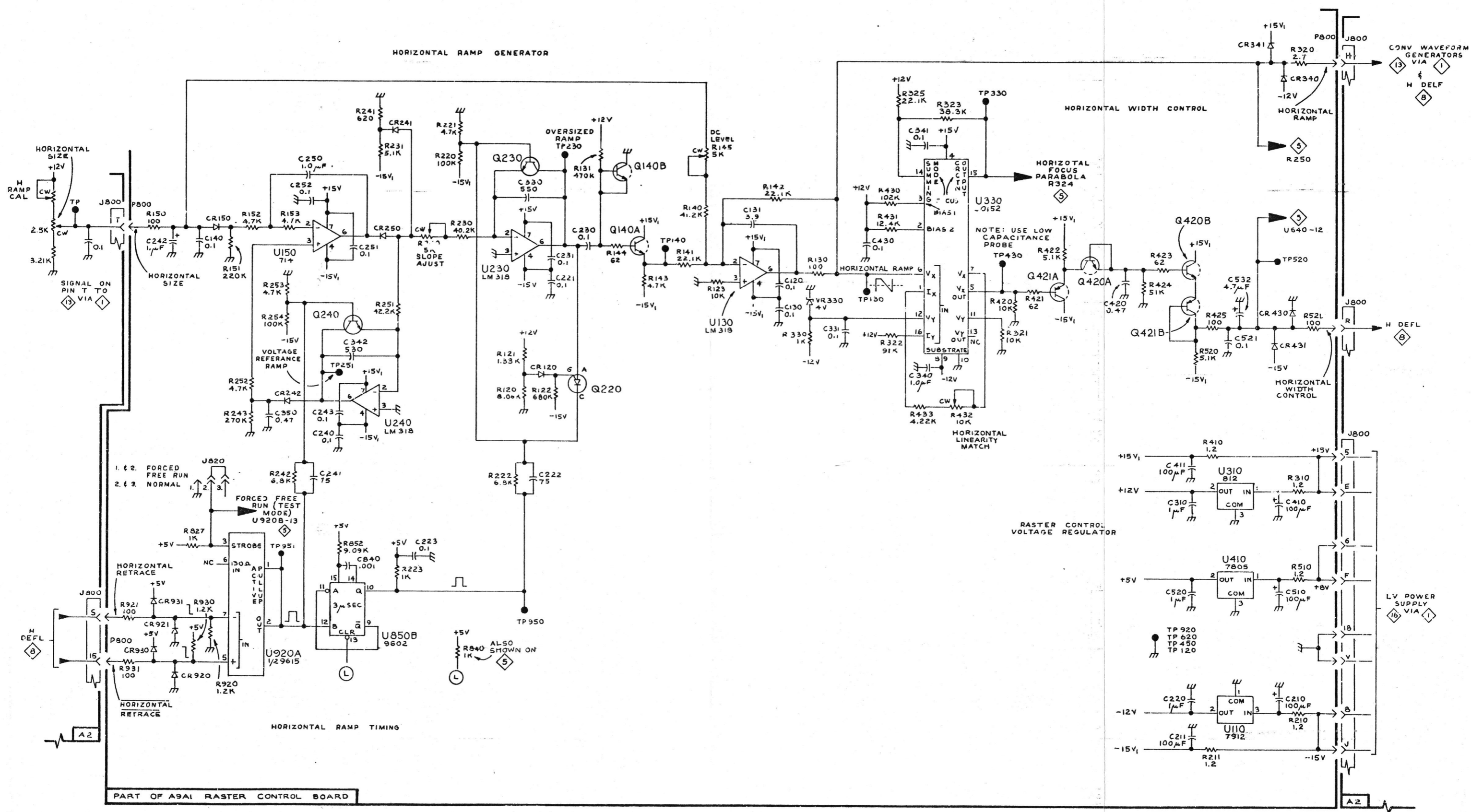


6942 COLOR DISPLAY MAINFRAME

VERTICAL RASTER CONTROL

©

5



6942 COLOR DISPLAY MAINFRAME

HORIZONTAL RASTER CONTROL

PART OF A9A1 RASTER CONTROL BOARD

CONV WAVEFORM GENERATORS VIA H DEF

LV POWER SUPPLY VIA

NOTE: USE LOW CAPACITANCE PROBE

ALSO SHOWN ON

- 1 & 2. FORCED FREE RUN
- 2 & 3. NORMAL

FORCED FREE RUN (TEST MODE)

HORIZONTAL RETRACE

HORIZONTAL RAMP TIMING

RASTER CONTROL VOLTAGE REGULATOR

HORIZONTAL WIDTH CONTROL

HORIZONTAL FOCUS PARABOLA

HORIZONTAL LINEARITY MATCH

HORIZONTAL RAMP

OVERSIZED RAMP

HORIZONTAL RAMP GENERATOR

HORIZONTAL SIZE

HORIZONTAL SIZE

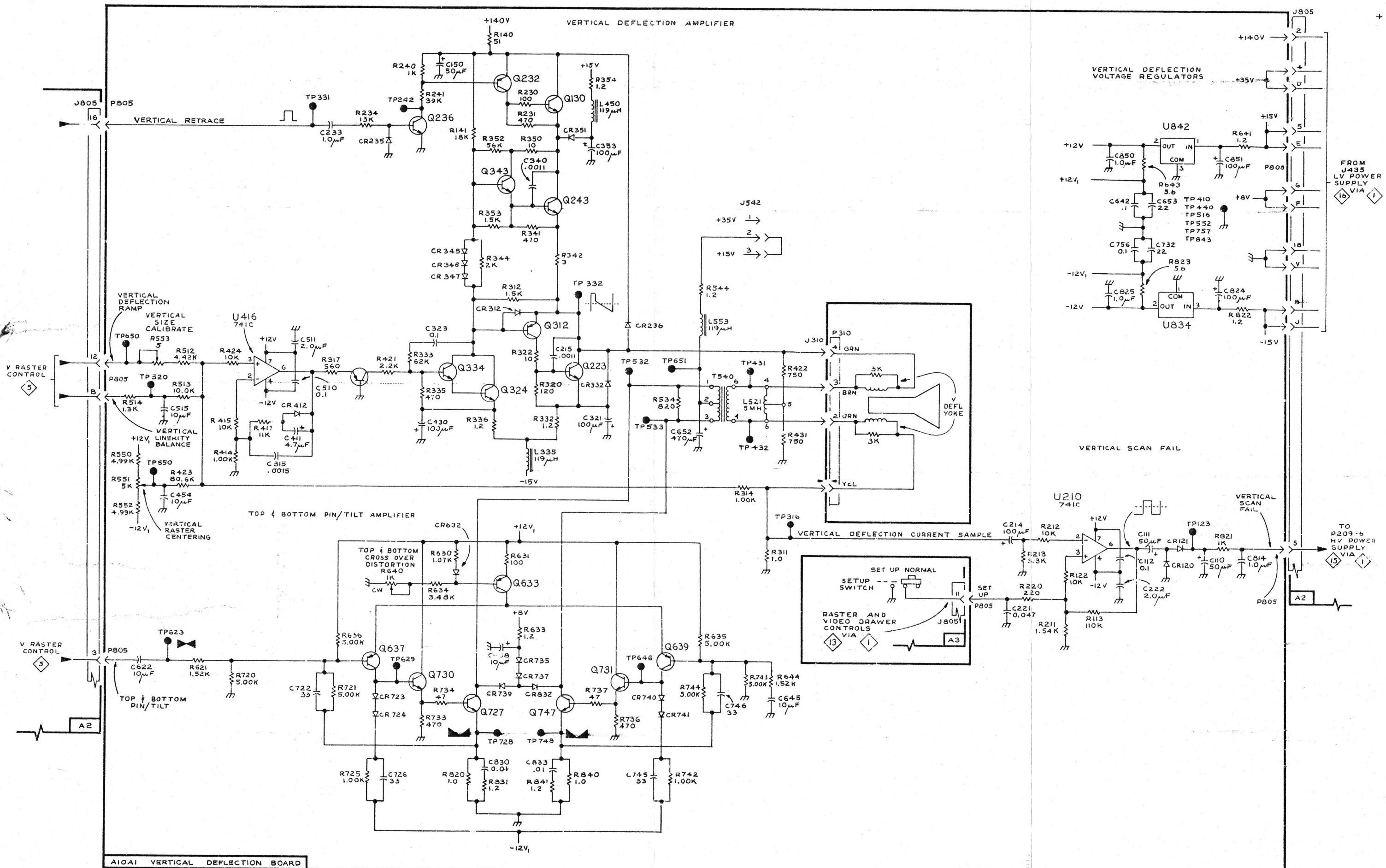
HORIZONTAL RAMP

HORIZONTAL WIDTH CONTROL

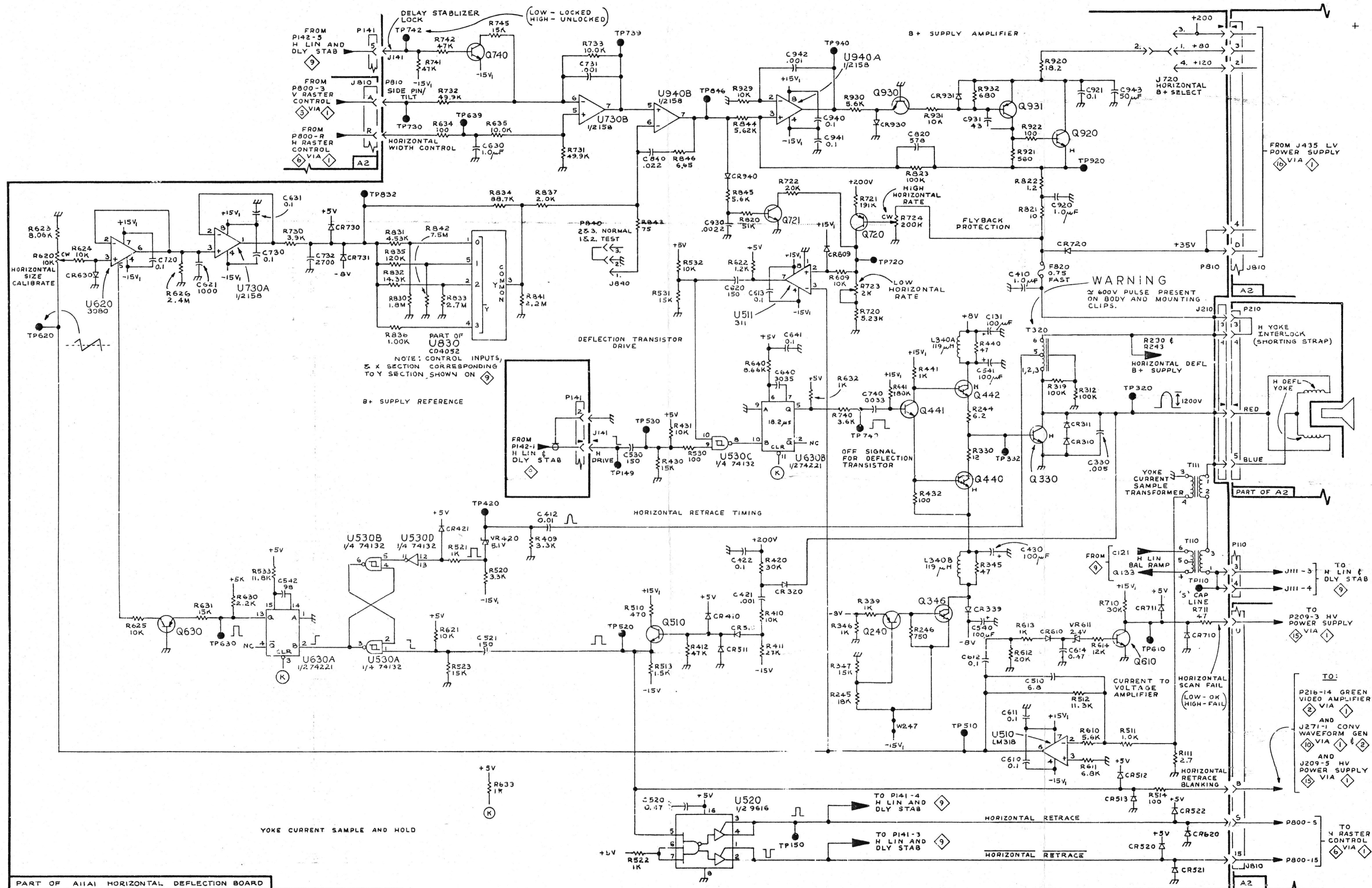
H DEF

VIA

VIA



A10A1 VERTICAL DEFLECTION BOARD



YOKE CURRENT SAMPLE AND HOLD

HORIZONTAL RETRACE

HORIZONTAL RETRACE

HORIZONTAL RETRACE BLANKING

HORIZONTAL SCAN FAIL (LOW - OK HIGH - FAIL)

CURRENT TO VOLTAGE AMPLIFIER

TO: P216-14 GREEN VIDEO AMPLIFIER VIA 1 AND J271-1 CONV WAVEFORM GEN VIA 10 AND J209-5 HV POWER SUPPLY VIA 15

TO: P209-3 HV POWER SUPPLY VIA 15

TO: J111-3 H LIN & DLY STAB VIA 9

TO: J111-4 H LIN & DLY STAB VIA 9

TO: J210 H YOKE INTERLOCK (SHORTING STRAP) VIA 1

TO: J210 H DEF Yoke VIA 1

TO: J210 H YOKE INTERLOCK (SHORTING STRAP) VIA 1

TO: J210 H DEF Yoke VIA 1

TO: J210 H YOKE INTERLOCK (SHORTING STRAP) VIA 1

TO: J210 H DEF Yoke VIA 1

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TO: J210 H DEF Yoke VIA 1

TO: J210 H YOKE INTERLOCK (SHORTING STRAP) VIA 1

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TO: J210 H YOKE INTERLOCK (SHORTING STRAP) VIA 1

TO: J210 H DEF Yoke VIA 1

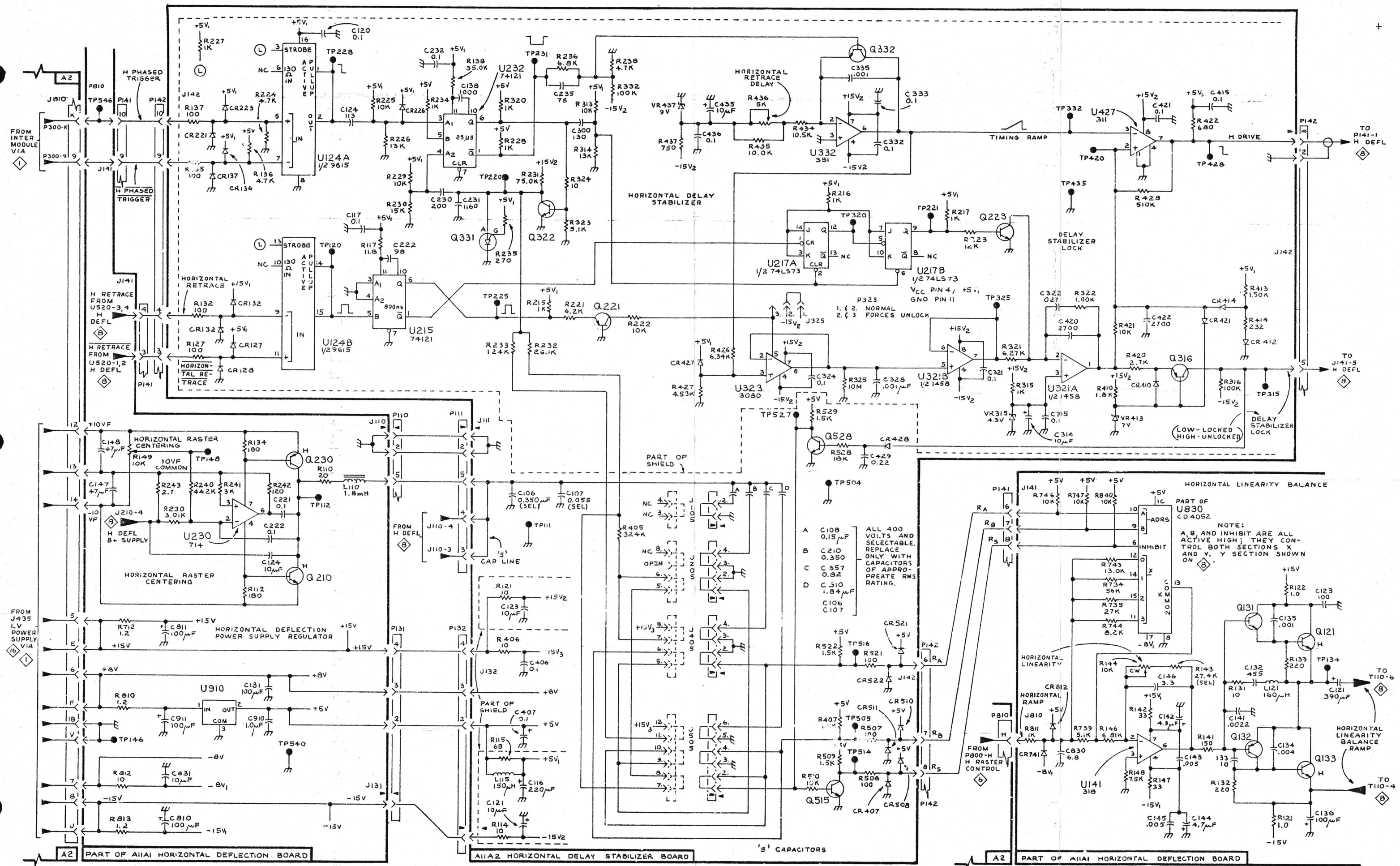
TO: J210 H YOKE INTERLOCK (SHORTING STRAP) VIA 1

TO: J210 H DEF Yoke VIA 1

TO: J210 H YOKE INTERLOCK (SHORTING STRAP) VIA 1

TO: J210 H DEF Yoke VIA 1

TO: J210 H YOKE INTERLOCK (SHORTING STRAP) VIA 1

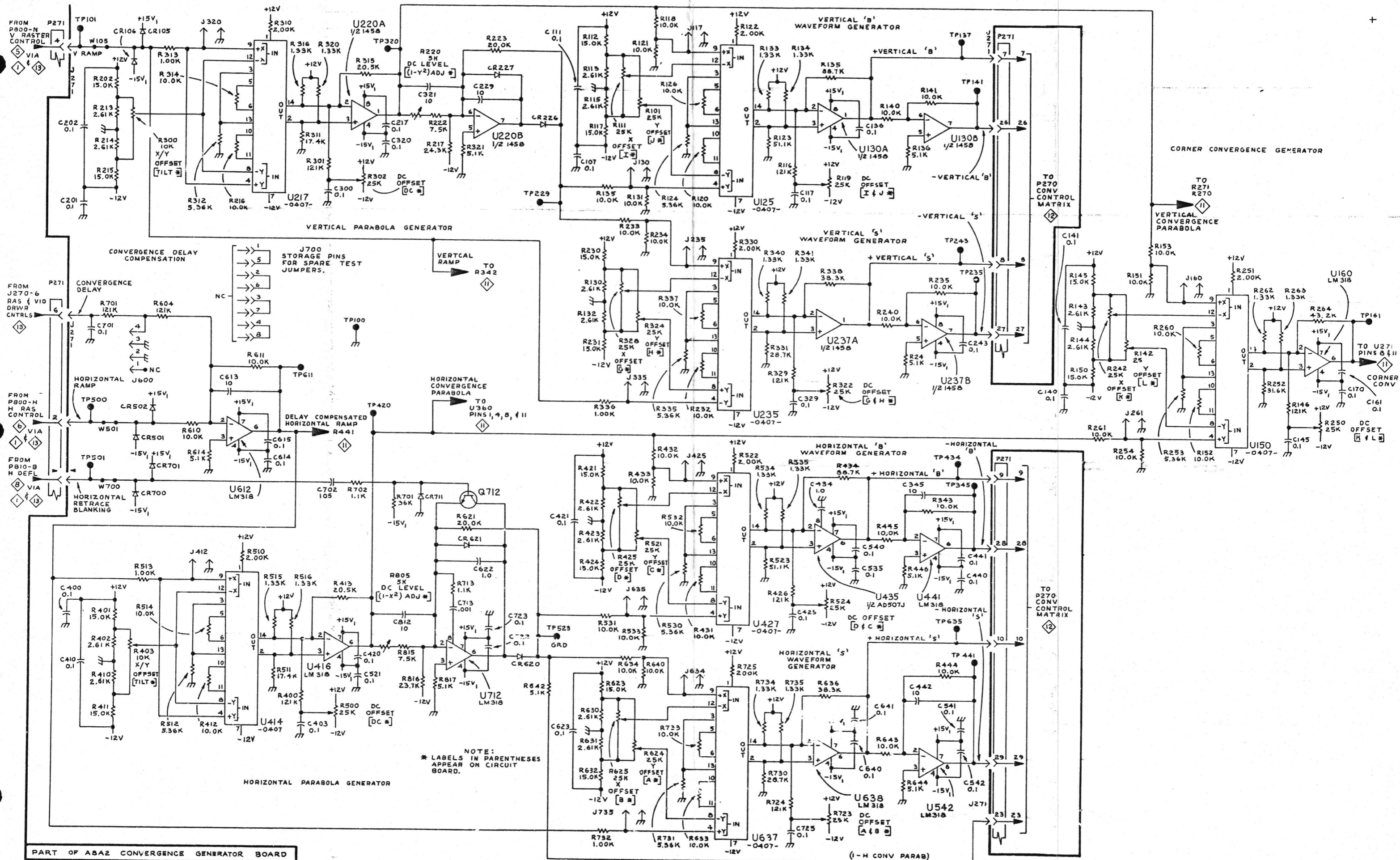


690SR TV COLOR MONITOR

HORIZONTAL LINEARITY & DELAY STABILIZER

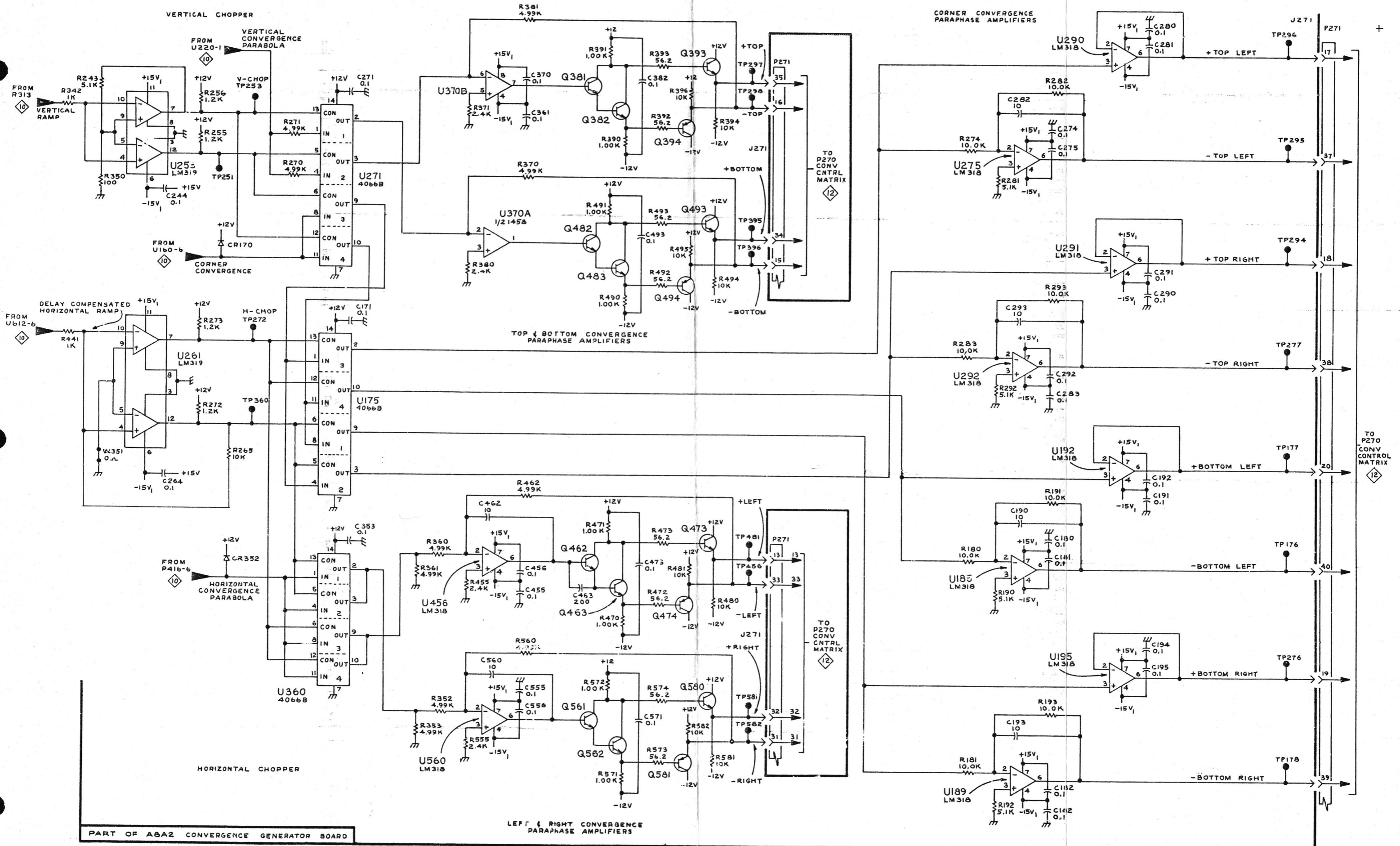
- A C108 0.15μF
 B C210 0.350
 C C357 0.82
 D C310 1.8μF
 C106
 C107
- ALL 400 VOLTS AND SELECTABLE. REPLACE ONLY WITH CAPACITORS OF APPROXIMATE RMS RATINGS.

NOTE:
 A, B, AND INHIBIT ARE ALL ACTIVE HIGH; THEY CONTROL BOTH SECTIONS X AND Y. SECTION SHOWN ON



NOTE:
* LABELS IN PARENTHESES
APPEAR ON CIRCUIT
BOARD.

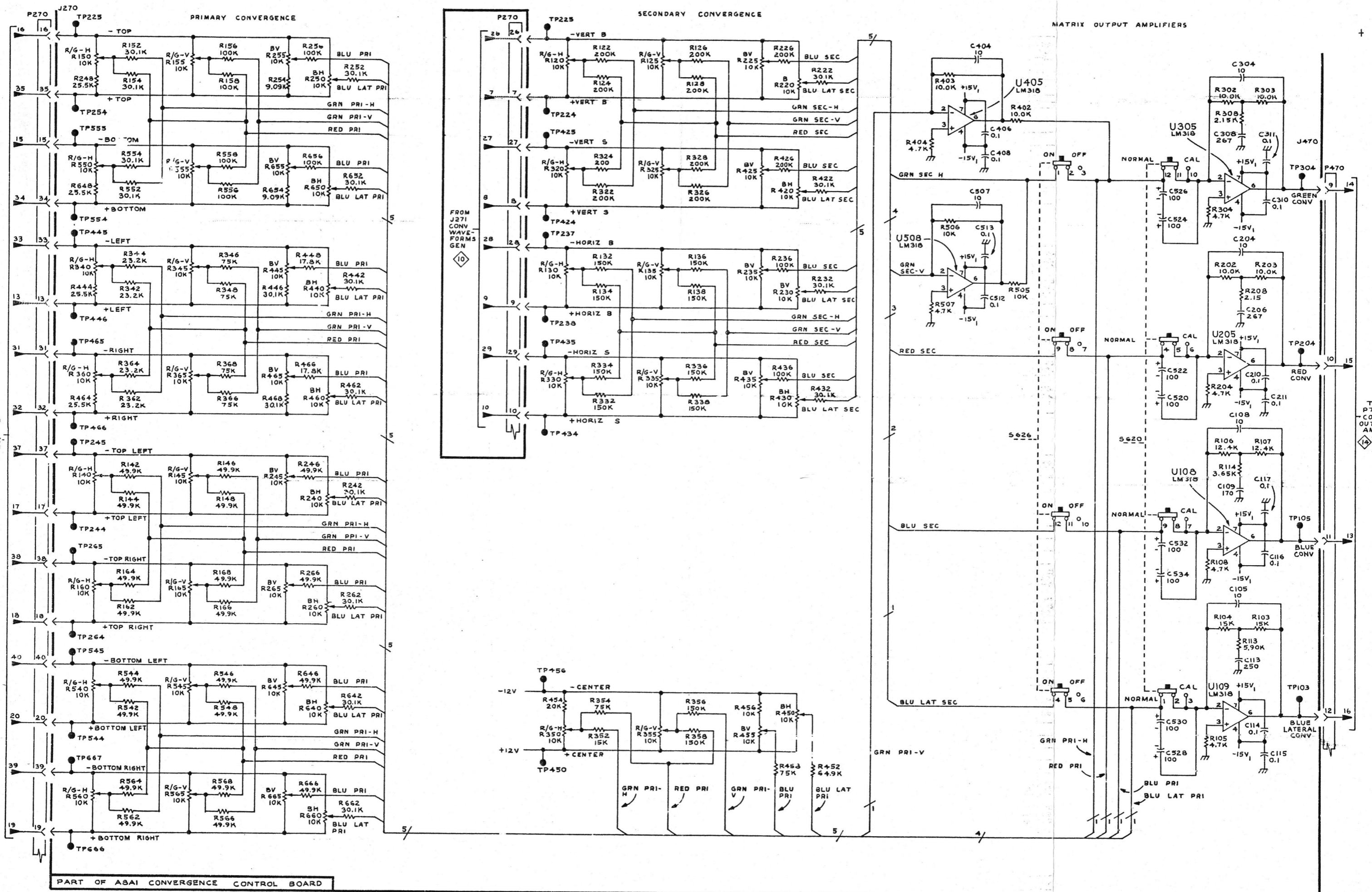
PART OF A8A2 CONVERGENCE GENERATOR BOARD

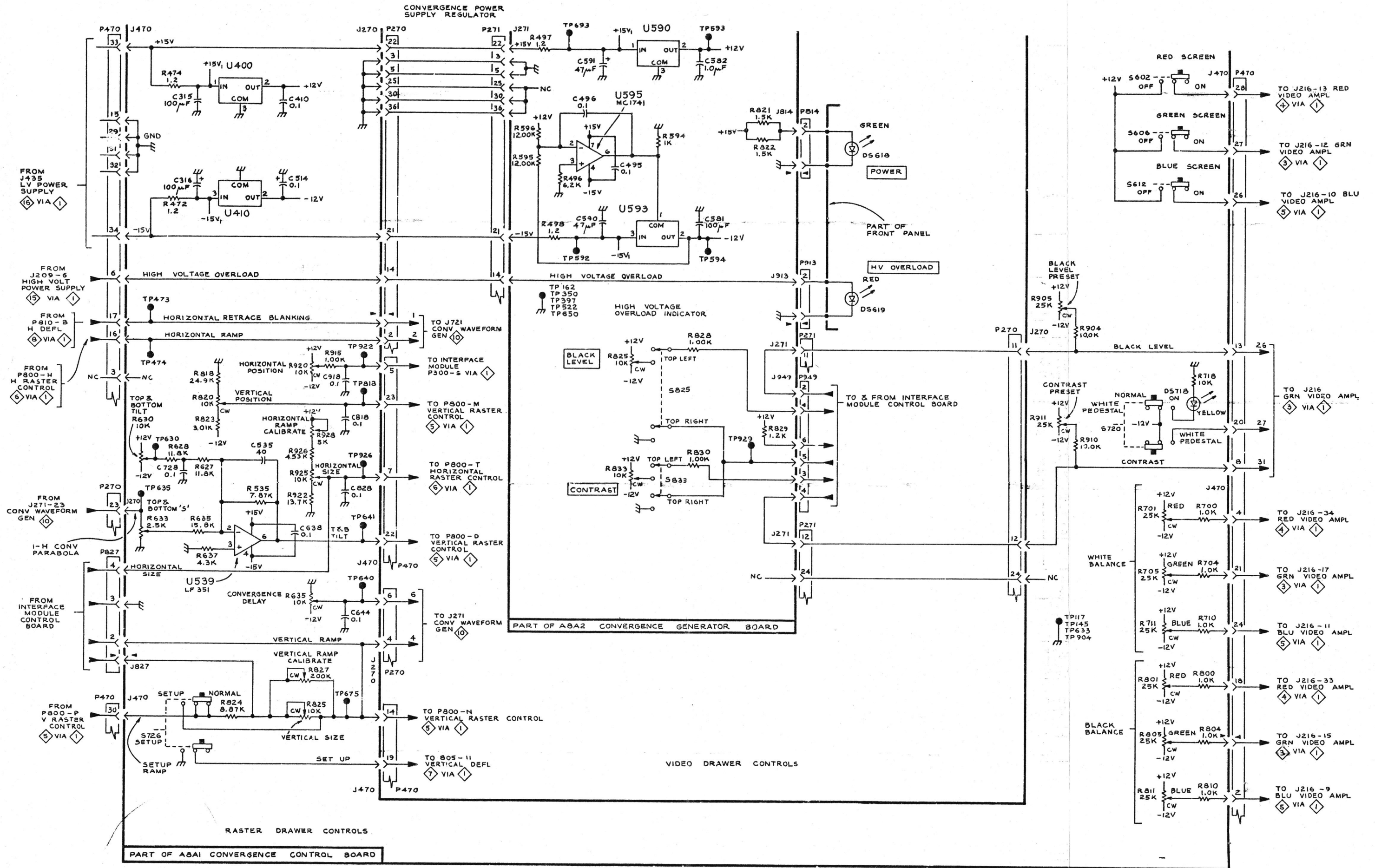


PART OF A8A2 CONVERGENCE GENERATOR BOARD

690SR TV COLOR MONITOR

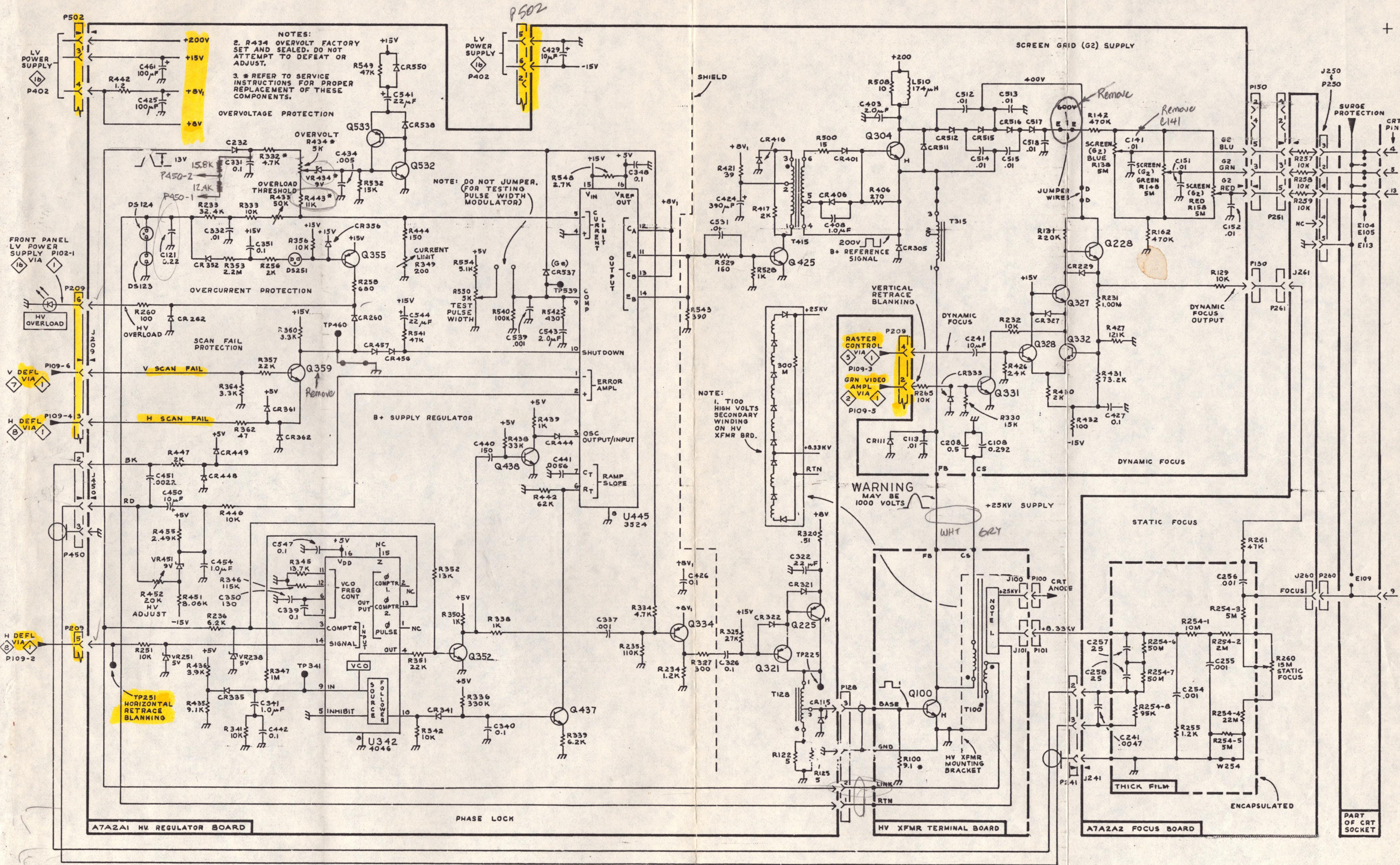
CONVERGENCE WAVEFORMS PROCESSOR

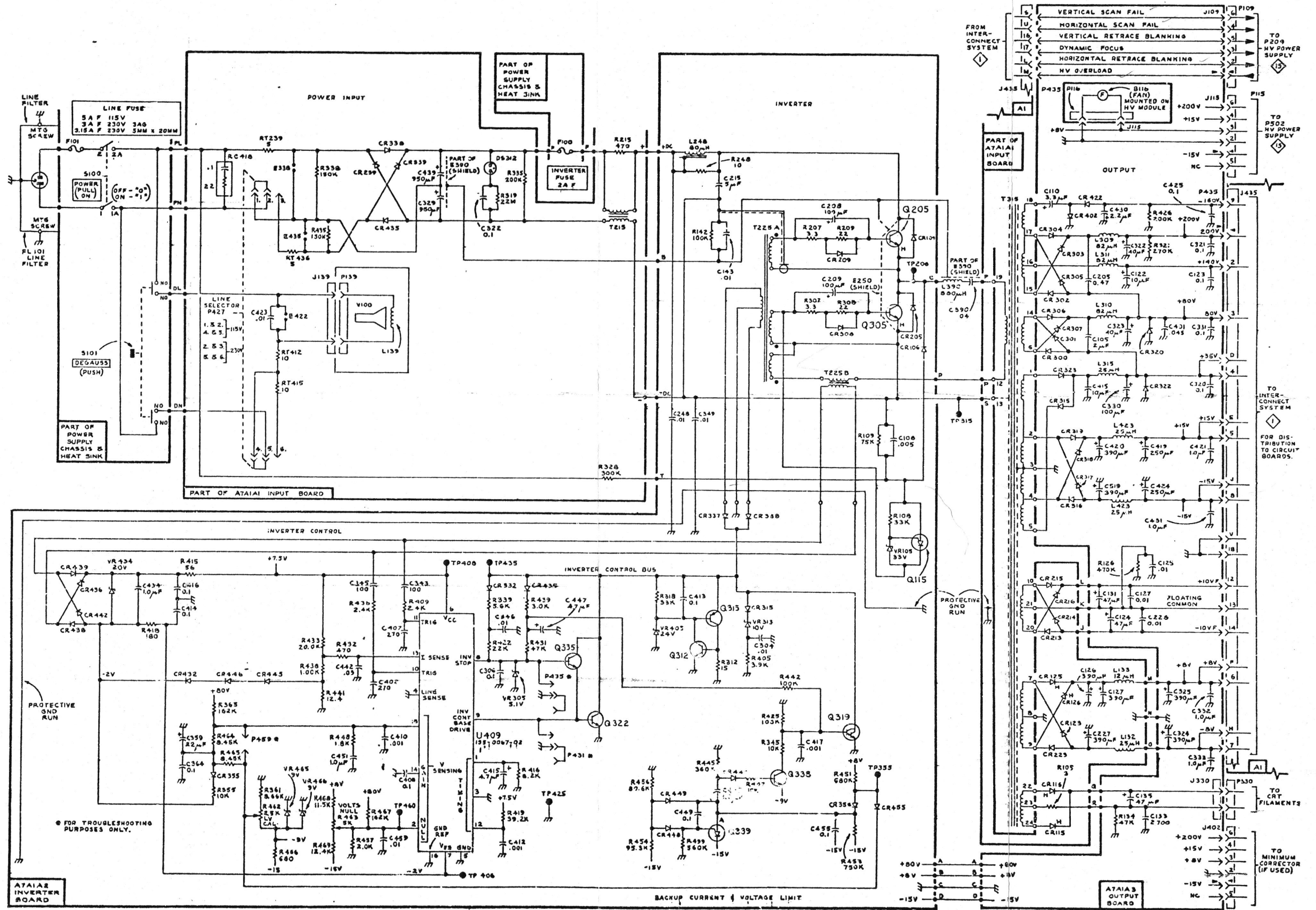




690SR TV COLOR MONITOR

RASTER AND VIDEO DRAWER CONTROLS





690SR TV COLOR MONITOR

LOW VOLTAGE POWER SUPPLY