

DESCRIPTION

Designed to control DC to DC inverter supplies, it provides the necessary circuitry to do all regulation and protection of the inverter system.

Inputs are provided to:

1. Sense and Control Secondary Voltage Faults (detected by a bi-directional, ground-reference node, Pin 2).
2. Sense and Limit Maximum Inverter Current (Pin 13).
3. Sense Line Voltage (Pin 3), Present (Pin 3).
4. Sense Inverter Current Phase (Pins 10 and 11).

Outputs (Pins 8 and 9) control the inverter base drive circuitry.

PROCESS . . . . . 200  $\Omega$ /Sq

POWER SUPPLIES . . . . .  $V_{CC}$ : Requires a current source, internally regulated at 7.5V

$V_{EE}$ : -2 Volts

PACKAGE . . . . . 16 DIP

DESIGNERS. . . . . Joe Burger/Gene Andrews

INSTRUMENT USAGE . . . . . 485      7844

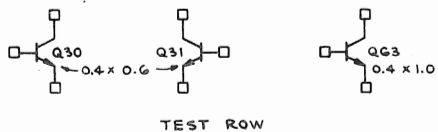
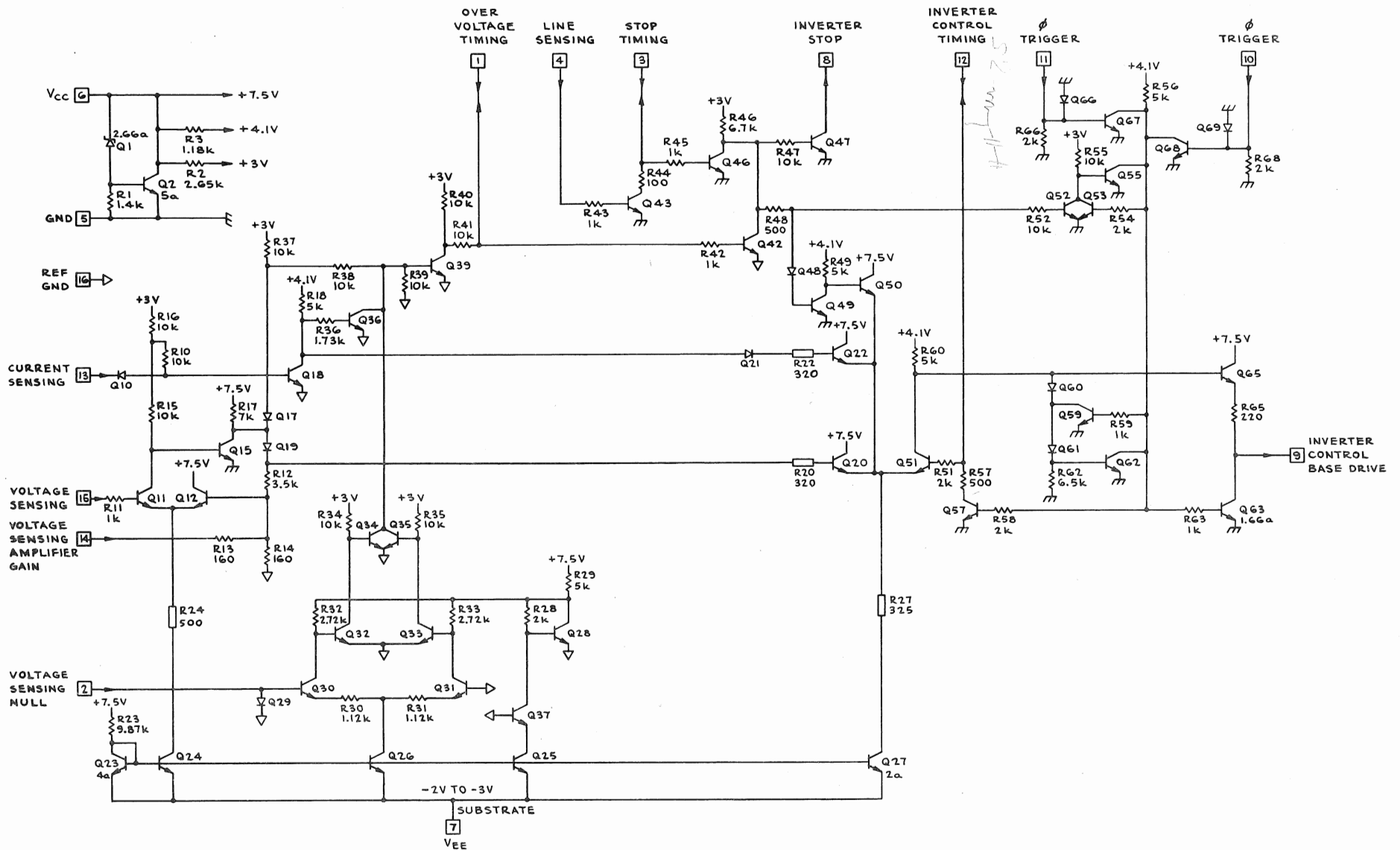
   7904      7903

   7904A    7912

   4851      P7001

   4852      434

   A7704    7704A



NOTES:

1. INDICATES CROSS UNDER RESISTOR.

ENGR	<i>M.H. Austin</i>	3-25-75	PROCESS	200Ω/□
DWN BY	<i>Ron Hankins</i>	3-7-75	PACKAGE	16 PIN DIP
CHK BY	C WESTON	9-24-75	DIE SIZE	55 x 55 mils
TYPE	MONOLITHIC	POWER SUPPLY REGULATOR		M091B
INTEGRATED CIRCUIT ENG/MFG			TEKTRONIX, INC.	
BEAVERTON, OREGON, U.S.A.			PART NO. 155-0067-02	