HORIZONTAL OUTPUT 155-0178-00 H488

DESCRIPTION

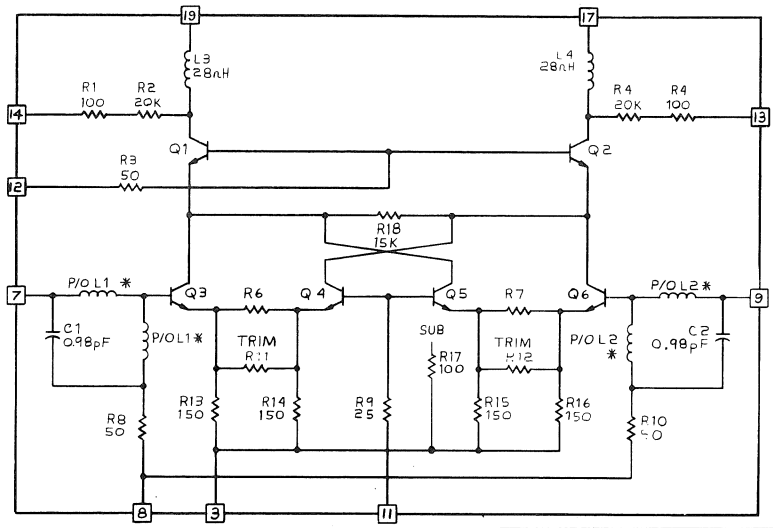
The H488 is a Linear Amplifier designed for use as a CRT Driver. It has an input impedance of 50 Ω per side and is designed to operate into a 365 Ω differential load. It has a current gain of 3.3 and is not back terminated. The device uses T-coils at the input and inductive peaking at the output. Its risetime is approximately 0.5 ns.

The H488 has a 20 KΩ resistor on each output. These provide low capacitance pick-offs of the output waveform for use in a feed-back circuit around the hybrid.

The f_T doubler section of circuitry is built using SHF III devices. The grounded base output devices are D156's.

Refer to 204-0707-90 D156

PROCESS	Thin-Film
POWER SUPPLY	
PACKAGE	1.75 cm^2 Hypcon System
DESIGNER	Dave Morgan
INSTRUMENT USAGE	7104



NOTE:
1. * L1 TOTALS 7nH.
2. * L2 TOTALS 7nH.

H488	HORIZONTAL OUTPUT			INTEGRATED CIRCUIT ENG MFG TEKTRONIX INC BEAVERTON OREGON U.S.A.
PART NO.	155-0178-00		TYPE	HYBRID
ENG	Dan & Morgan	2.79	PROCESS	SH III
DWN BY	JIM NAMHIE	11/9/79	PACKAGE	13/42 MM^2 HYPCON
CHK BY	BOB GAULT	11-9-79	DIE SIZE	42 X 42 MILS