

ECG[®]

Semiconductors

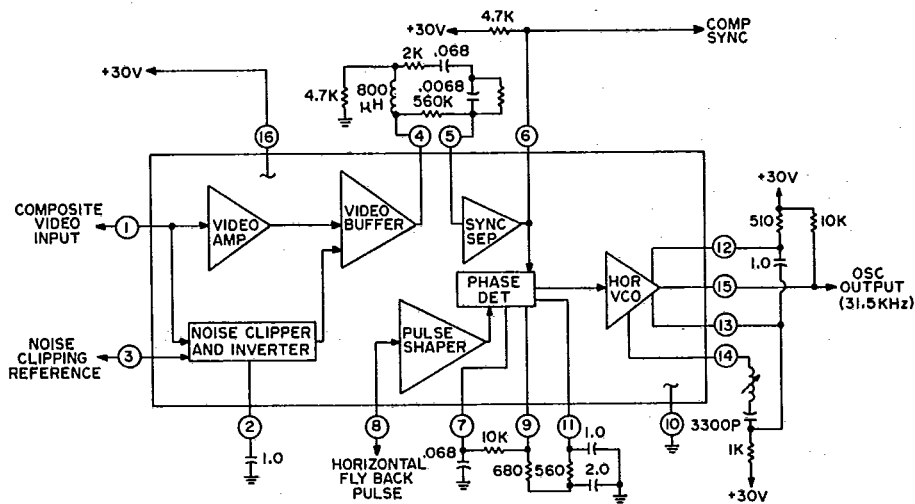
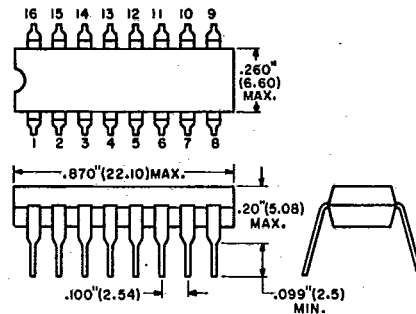
ECG792

HORIZONTAL PROCESSOR

ECG792 is a horizontal processor that contains a video amplifier and noise inverter and performs the sync separation function. Also included in ECG792 is a VCO and a balanced phase detector.

FEATURES:

- LOW THERMAL FREQUENCY DRIFT
- EXCELLENT PULL-IN RANGE
- PRESET HOLD CONTROL CAPABILITY
- COMPOSITE SYNC SEPARATION WITH NOISE SUPPRESSION
- WIDE OPERATING VOLTAGE RANGE: 15 TO 30 VOLTS



ELECTRICAL CHARACTERISTICS

Characteristic	Min.	Typ.	Max.	Units
Operating Temperatures	0		70	°C
Operating Voltage	15		30	VDC
Current Drain at 30 V		20		mA
Output Sat. Voltage at 3 mA Composite Sync - Pin 6		90	600	mV
Osc - Pin 15		60	300	mV
Pull-In Range		±460		Hz
Hold Range		±500		Hz
VCO Supply Dependence		±3		Hz/VDC