



ELECTRONICS, INC.
 44 FARRAND STREET
 BLOOMFIELD, NJ 07003
 (973) 748-5089

NTE1164 Integrated Circuit TV Video Signal Processing Circuit

Features:

- DC Controlled Adjustment
- Sync. Separator (Including Noise Canceller)
- Pedestal Clamping (Including Clamping Pulse Generator)
- Brightness Control
- Blanking Circuits

Absolute Maximum Ratings: ($T_A = +25^\circ\text{C}$ unless otherwise specified)

Supply Voltage, V_{16-2}	14.4V
Circuit Voltage,	
V_{1-2}	1V to -3V
$V_3, V_7, V_{10}, V_{15-2}$	V_{16-2} to 0V
V_{4-2}, V_{14-2}	6V to 0V
V_{5-2}	9V to -3V
V_{8-2}	V_{16-2} to 5V
Circuit Current,	
I_1, I_8, I_{10}, I_{14}	1mA to 0mA
I_3	5mA to -3mA
I_5	3mA to -0.5mA
I_6	0 to -1mA
I_7, I_{15}	0 to -1mA
I_9	0.1mA to -3mA
I_{11}	1mA to -1mA
I_{12}	5mA to -2mA
I_{13}	3mA to -5mA
Total Circuit Current, I_{tot}	36mA
Power Dissipation, P_D	520mW
Operating Temperature Range, T_{opr}	-20° to +70°C
Storage Temperature Range, T_{stg}	-40° to +150°C

Pin Connection Diagram

