

LINEAR INTEGRATED CIRCUITS

T-77-01

FM Noise Suppressor, $V_{CC} = 16V$ 16-Lead DIP, See Diag. 248

Input	1	16	HPF
LPF	2	15	N.C.
LPF	3	14	HPF
LPF	4	13	Bypass
Storage	5	12	Cut-Off Circuit
Output	6	11	One Shot Multi
0.01 μ f Capacitor	7	10	Pulse Duration Circuit
0.01 μ f Capacitor	8	9	V_{CC}

TV Sync Proc ^w/X-Ray Protect, $V_{CC} = 15V$ 16-Lead DIP, See Diag. 248

Vertical Drive Feedback	1	16	Horizontal Sync Input
Vertical Output	2	15	Horizontal Phase Detector Output
Vertical Size	3	14	Horizontal Feedback
Vertical Yoke Feedback	4	13	Horizontal Switch
Filter	5	12	Horizontal Hold
V_{CC}	6	11	Internal Regulator
Vertical Hold	7	10	Horizontal Output
Vertical Sync Input	8	9	GND

Video IF, AGC Amp, $V_{CC} = 15V$ 16-Lead DIP, See Diag. 248

IF Input	1	16	IF Input
Bypass	2	15	Bypass
RF AGC Delay	3	14	IF AGC Filter
RF AGC Output	4	13	GND
AFT Output 1	5	12	Video Out
AFT Output 2	6	11	V_{CC}
AFT Tank	7	10	AFT Tank
Video Tank	8	9	Video Tank

Hybrid, TV Voltage Regulator, $V_{IN} = 200V$ Max, $V_O = 130V \pm 1V$, $I_O = 1A$ TO3, See Diag. 419

NTE1546 Bottom View

Video Chroma, Demod, Horizontal, Vertical OSC Driver, $V_{CC} = 12V$ 42-Lead DIP, See Diag. 335

Color Control	1	42	C-Contrast Output
E-Contrast Output	2	41	Brightness Control
V_{CC}	3	40	Clamp Input
Delay Input	4	39	Horizontal Sync Separator
Contrast Control	5	38	Vertical Sync Separator
Video Inv Input	6	37	Sync Output
Video Inv Output	7	36	Horizontal OSC Discharge
Hue Control	8	35	AFC
Chroma Input	9	34	Horizontal OSC Timing
ACC Filter	10	33	Horizontal V_{CC} (8V)
GND	11	32	GND
Chroma Output	12	31	Vertical Sync Input
Killer Filter	13	30	Timing
Demod Input	14	29	Height Control
APC Filter	15	28	Ramp Capacitor
X'tal Drive	16	27	NFB Input
X'tal Input	17	26	Vertical Drive Output
$-\pi/4$ Input	18	25	Phase Compensation
B-Y Output	19	24	Horizontal Drive Output
G-Y Output	20	23	X-Ray Protect
R-Y Output	21	22	Y Output

Hybrid, TV Voltage Regulator, $V_{IN} = 200V$ Max, $V_O = 123V \pm 1V$, $I_O = 1A$ TO3, See Diag. 419

NTE1548 Bottom View

Voltage Level Indicator, $V_{CC} = 25V$ 18-Lead DIP, See Diag. 287

LED1	1	18	LED2
V (-)	2	17	LED3
V (+)	3	16	LED4
Divider (Low End)	4	15	LED5
Signal	5	14	LED6
Divider (High End)	6	13	LED7
Reference Output	7	12	LED8
Reference Adjust	8	11	LED9
Mode Select	9	10	LED10