LINEAR INTEGRATED CIRCUITS

T-77-01

AM Radio w/o Audio Stage, V_{CC} = 18V — **14–Lead DIP, See Diag. 250**

NTE1237

Input	1	14	Tuning Meter
V_{CC} RF/OSC	2	13	AGC Amp Input
V_{CC} RF	3	12	Detector Input
Converter Output	4	11	Audio Output
OSC Tank	5	10	V_{CC} IF/Audio
Converter Input	6	9	GND
IF Input	7	8	IF Output

Audio Output, V_{CC} = 18V — **10–Lead SIP, See Diag. 243**

NTE1239 Front View

10	Output
9	GND
8	Feedback
7	Bypass
6	Bypass
5	Input
4	Compensation
3	Compensation
2	Bypass
1	V_{CC}

Audio Power Amp, 5.5W, V_{CC} = 13.2V — **11–Lead SIP, See Diag. 222**

NTE1240 Front View

11	V_{CC}
10	Equalization
9	Input
8	Bypass
7	GND
6	Feedback
5	Feedback
4	Bypass
3	Bypass
2	GND
1	Output

Head Coil/Meter Driver, V_{CC} = 15V — **7–Lead SIP, See Diag. 217**

NTE1241 Front View

7	V_{CC}
6	Meter Output
5	Meter Input
4	GND
3	Gain Adjust
2	Head Input
1	Head Output

FM/AM IF Amp, AM Converter, V_{CC} = 9.6V Max — **16–Lead DIP, See Diag. 248**

NTE1242

FM IF Output	1	16	Bypass
GND	2	15	OSC Feedback
1st IF Output	3	14	OSC Tank
V_{CC}	4	13	AM Input (Converter)
2nd IF Input	5	12	Converter Output
GND	6	11	2nd IF (AM) Input
Bypass	7	10	AGC Bypass
2nd IF Output	8	9	2nd IF (AM) Output

FM Multiplex Stereo Decoder, V_{CC} = 16V — **14–Lead DIP, See Diag. 250**

NTE1243

45° Phase Shift Capacitor	1	14	V_{CC}
Stereo Switch Time Constant	2	13	Input
19kHz Tank	3	12	Separation Resistance
19kHz/38kHz Tank Return	4	11	Separation Resistance Return
38kHz Tank	5	10	Lt Signal Output
38kHz Tank	6	9	Rt Signal Output
GND	7	8	Lamp

Vertical Deflection for B/W and Small Color TV, V_{CC} = 20V — **10–Lead SIP, See Diag. 235**

NTE1245 Front View

10	Clamp/Blank/Output
9	Yoke Output
8	GND
7	Vertical Line Control
6	OSC Frequency Control
5	Sync Input
4	OSC Output
3	Yoke Feedback
2	V_{CC}
1	To Yoke

TV Sound IF, Audio Output, 2.4W, V_{CC} = 12V — **14–Lead DIP, See Diag. 269**

NTE1246

FM Detector	1	14	Volume Control
FM Detector	2	13	SIF Input Cold
De–Emphasis	3	12	SIF Input Hot
SIF Detector Output	4	11	Feedback
SIF Supply Voltage	5	10	V_{CC}
Decouple	6	9	Bootstrap
Input	7	8	Output

See Diagrams, beginning on Page 1–252