

# LINEAR INTEGRATED CIRCUITS

T-77-01

**FM Multiplex Stereo Decoder** 14-Lead DIP, See Diag. 247

19kHz Tank	1	14	Filter Network
19kHz Tank	2	13	38kHz Tank
Input	3	12	Rt Channel Output
Stereo Switch	4	11	Lt Channel Output
Mute Switch	5	10	38kHz Tank
Lamp Drive	6	9	V <sub>CC</sub>
GND	7	8	N.C.

**FM Tuning System, V<sub>CC</sub> = 15V** 14-Lead DIP, See Diag. 250

From 10.7Hz	1	14	V <sub>CC</sub>
Bias Control	2	13	RF/V <sub>CC</sub>
Detector Input	3	12	Centering Meter Output
Bypass	4	11	Centering Meter Output
Signal Meter	5	10	Discriminator Input
Lamp	6	9	Discriminator Input
GND	7	8	Audio Muting

**Audio Module** 10-Lead DIP, See Diag. NTE1151

**AT TIME OF PUBLICATION,  
DATA ON NTE1151,  
AN ACTIVE NUMBER,  
WAS NOT AVAILABLE**

**Hybrid, AF Preamp** 13-Lead Staggered SIP, See Diag. 211 NTE1152

**AT TIME OF PUBLICATION,  
DATA ON NTE1152,  
AN ACTIVE NUMBER,  
WAS NOT AVAILABLE**

**Audio Power Amp, 2W/Ch, V<sub>CC</sub> = 20V** 14-Lead DIP, See Diag. 260

Bypass	1	14	GND
Bypass	2	13	Channel 1 Input
Channel 2 Input	3	12	Channel 1 Feedback
Channel 2 Feedback	4	11	Bypass
Bypass	5	10	Bypass
Bypass	6	9	Channel 1 Output
Channel 2 Output	7	8	V <sub>CC</sub>

**Audio Power Amp, 5.8W, V<sub>CC</sub> = 18V** 10-Lead SIP, See Diag. 239

10	Output
9	GND
8	Feedback
7	RC Network
6	Input
5	Bypass
4	Bypass
3	Bypass
2	Feedback
1	V <sub>CC</sub>

**Audio Power Amp, 2W, V<sub>CC</sub> = 12V** 16-Lead DIP, See Diag. 265

AF Output	1	16	AF Output
Bypass	2	15	Feedback Circuit
V <sub>CC</sub>	3	14	Volume Control Circuit
Bypass	4	13	Volume Control Circuit
GND	5	12	Tone Circuit
AF Input	6	11	ALC Input
Bias	7	10	AGC Output
Bypass	8	9	Tone Circuit Output

**Chroma Processor** 16-Lead DIP, See Diag. 248

Hue Control	1	16	Chroma Amp Circuit
Hue Circuit	2	15	Chroma
Hue Circuit	3	14	GND
Color Gain Control	4	13	RC Network
OSC Output	5	12	Horizontal Input Pulse
Color Killer Control	6	11	Burst Amp Circuit
OSC Circuit	7	10	V <sub>CC</sub>
OSC Circuit	8	9	Chroma Output