

Linear IC and Module Circuits (cont'd)

<p>ECG1531 14-Pin DIP-ET See Fig. L144 IC-Voltage Regulator for Electronic Tuner</p> <p>C2 1 14 NC DETECTOR IN 2 13 REF VOLTAGE OUT C3 IN 3 12 VDD OUT V1 IN 4 11 B2 IN GROUND 5 10 C1 IN CLK IN 6 9 INHI OUT B1 IN 7 8 BUC OUT</p>	<p>ECG1532 28-Pin DIP See Fig. L124 IC-TV Video, Chroma Amp, Demod, ACC, APC, VCO, $V_{CC}=12\text{ V Typ}$</p> <p>CONTRAST CTRL 1 28 GROUND CHROMA AMP IN 2 27 REVERSE AMP OUT 1ST CHROMA AMP OUT 3 26 VIDEO INPUT DECOUPLING 4 25 CONTRAST AMP IN TINT CTRL 5 24 CTRL GATE PULSE IN 6 23 DELAY OUT CHROMA CTRL 7 22 DELAY IN 2ND CHROMA AMP OUT 8 21 BRIGHT CTRL CHROMA DEMOD INPUT 9 20 VIDEO OUT VCC 1 11 19 KILLER DET R-Y OUT 12 18 APC DET G-Y OUT 13 17 XTAL OSC CIRCUIT B-Y OUT 14 16</p>	<p>ECG1533 16-Pin ZIL See Fig. L46 IC-AM RF Amp, Mixer, Osc, IF Amp, Det and AGC, $V_{CC}=8\text{ V Typ}$</p> <p>RF BYPASS 1 RF INPUT 2 VOLTAGE REF 3 OSCILLATOR 4 RF OUTPUT 5 MIX INPUT 6 RF VCC 7 MIX OUTPUT 8 IF1 INPUT 9 GROUND 10 IF1 OUTPUT 11 IF2 INPUT 12 VCC 13 DETECTOR OUTPUT 14 AGC INPUT 15 RF AGC 16</p>
<p>ECG1534 16-Pin DIP See Fig. L111 IC-AM/FM PLL Freq Synthesizer (CMOS), $V_{DD}=6\text{ V Typ}$</p> <p>VDD 1 16 Vss P3 2 15 LD PI INPUT 3 14 PO P2 4 13 CO INPUT P1 5 12 C1 INPUT OSC 1 INPUT 6 11 C2 INPUT OSC 2 INPUT 7 10 PD OUTPUT QO OUT 8 9 CPO OUTPUT</p>	<p>ECG1535 24-Pin DIP See Fig. L122 IC-TV Sync, Horiz/Vert Osc, Driver, AFC and HV Holddown, $V_{CC}=12\text{ V Typ}$</p> <p>VERT TRIGGER IN 1 24 VCC BYPASS 2 23 VIDEO IN VERT OUT 3 22 SYNC OUT CENTER VOLT 4 21 SYNC SEP IN VERT DRVR IN 5 20 TIME CONST GROUND 6 19 SYNC SEP OUT BLANKING OUT 7 18 BURST GATE PULSE OUT GROUND 8 17 FB PULSE IN HOLD DOWN IN 9 16 BYPASS HORIZ BUFF OUT 10 15 AFC OUT BYPASS 11 14 BYPASS VCC 12 13 HORIZ SYNC IN</p>	<p>ECG1536 20-Pin DIP See Fig. L118 IC-CB PLL Freq Synthesizer (CMOS), $V_{DD}=7\text{ V Typ}$</p> <p>D1 1 20 VSS D2 2 19 A OUTPUT D3 3 18 A INPUT D4 4 17 PD OUTPUT D5 5 16 LM D6 6 15 LM D7 7 14 PC INPUT T/R 8 13 1/2 R OUTPUT VDD 9 12 R OUTPUT X INPUT 10 11 X OUTPUT</p>
<p>ECG1537 42-Pin DIP See Fig. L126 IC-Time-Freq Display for AM/FM w/ Stopwatch Day/Date (CMOS), $V_{DD}=8\text{ V Typ}$, $V_{SS}=0\text{ V Typ}$, $V_{REF} < V_{DD}$</p> <p>4 DIGIT { SEG - d 1 42 SEG - e SEG - c 2 41 SEG - f SEG - g 3 40 SEG - a SEG - b 4 39 SEG - b FIN - FM 5 38 SEG - g IF - AM 6 37 SEG - c IF - FM 7 36 VSS IF - AM2 8 35 SEG - d VOLT REF 9 34 SEG - e IF - AM1 10 33 SEG - f FM/AM 11 32 SEG - a FM - FINE 12 31 SEG - b AM - FINE 13 30 SEG - g COUNTER/CLOCK 14 29 SEG - c SET 15 28 SEG - d DEMAND 16 27 SEG - e INH1 17 26 SEG - f 12/24H 18 25 SEG - a OSC OUTPUT 19 24 SEG - b OSC INPUT 20 23 SEG - c VDD 21 22 SEG - PM</p> <p>3 DIGIT { 2 DIGIT { 1 DIGIT {</p>	<p>ECG1538 16-Pin DIP See Fig. L111 IC-TV Horiz/Vert Osc, Driver, Vert Blank, AFC and Sync Sep, $V_{CC}=12\text{ V Typ}$</p> <p>AFC OUT 1 16 FLYBACK PULSE IN HORIZ HOLD 2 15 VCC 2 HORIZ OSC OUT 3 14 VIDEO INPUT X-RAY PROTECT 4 13 SYNC SEP OUT GROUND 5 12 VCC 1 VERT DRIVE OUT 6 11 VERT OSC VERT HEIGHT 7 10 VERT HOLD VERT FEEDBACK 8 9 VERT BLANK OUT</p>	<p>ECG1539 18-Pin DIP See Fig. L115 IC-TV Horiz/Vert Osc, Driver, Vert Blank, AFC and Sync Sep, $V_{CC}=12\text{ V Typ}$</p> <p>AFC OUT 1 18 FLYBACK PULSE HORIZ HOLD 2 17 VCC 1 HORIZ OSC OUT 3 16 VIDEO INPUT GROUND 4 15 SYNC SEP OUT X-RAY PROTECT 5 14 VCC GROUND 6 13 VERT BLANK PULSE OUT GROUND 7 12 VERT SYNC INPUT VERT DRIVE OUT 8 11 VERT HOLD VERT HEIGHT 9 10 VERT DRIVE INPUT</p>
<p>ECG1540 16-Pin DIP See Fig. L111 IC-TV Horiz/Vert Osc, Driver, Vert Blank, AFC and Sync Sep, $V_{CC}=12\text{ V Typ}$</p> <p>AFC OUTPUT 1 16 AFC INPUT HORIZ HOLD 2 15 VCC HORIZ OSC OUT 3 14 VIDEO IN GROUND 4 13 SYNC SEP OUT GROUND 5 12 VCC VERT DRVR OUT 6 11 VERT OSC IN VERTICAL DRVR IN 7 10 VERT HOLD 8 9 VERT BLANK OUT</p>	<p>ECG1541 7-Pin SIP See Fig. L31 IC-FM IF Amp Detector, $V_{CC}=12\text{ V Typ}$</p> <p>IF INPUT 1 BYPASS 2 VCC 3 GROUND 4 IF TANK CKT 5 OUTPUT 6 7</p>	