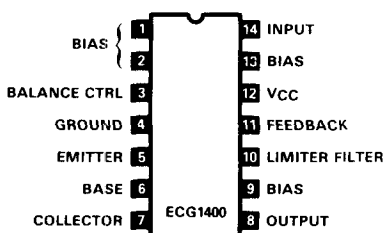
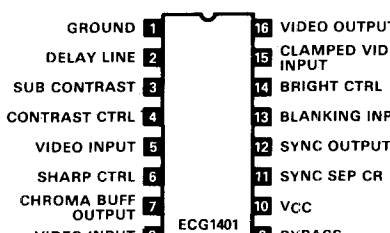
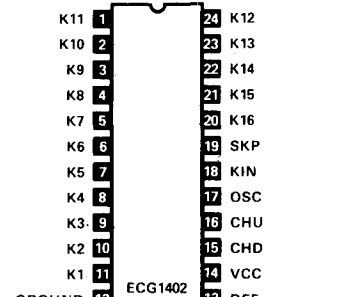
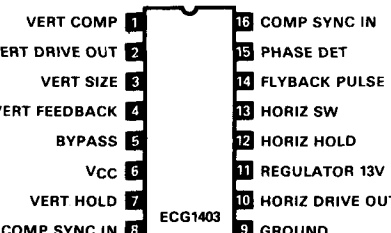
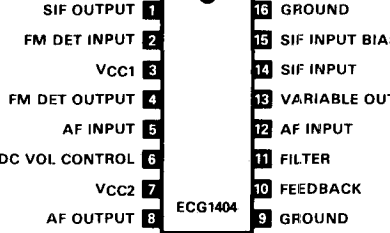
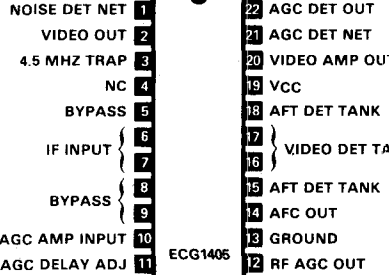
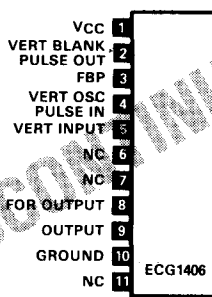
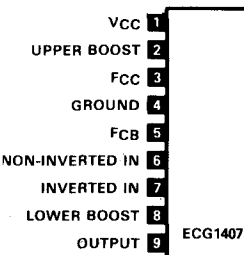
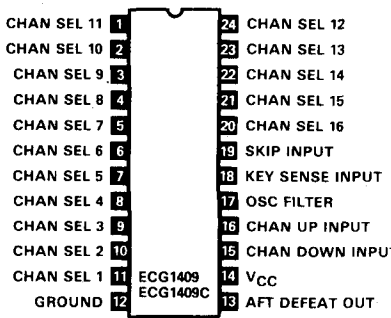
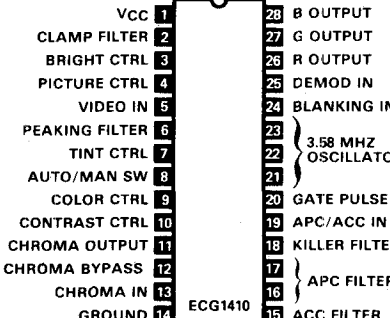
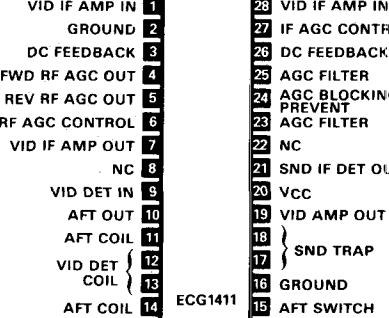


Linear IC and Module Circuits (cont'd)

<p>ECG1400 14-Pin DIP See Fig. L104 IC-FM Limiter, $V_{CC}=12\text{ V Typ}$</p>  <p>BIAS { 1 14 INPUT 2 15 BIAS BALANCE CTRL 3 12 V_{CC} GROUND 4 11 FEEDBACK EMITTER 5 10 LIMITER FILTER BASE 6 9 BIAS COLLECTOR 7 8 OUTPUT</p>	<p>ECG1401 16-Pin DIP See Fig. L111 IC-TV Video Amp, $V_{CC}=12\text{ V Typ}$</p>  <p>GROUND 1 16 VIDEO OUTPUT DELAY LINE 2 15 CLAMPED VIDEO INPUT SUB CONTRAST 3 14 BRIGHT CTRL CONTRAST CTRL 4 13 BLANKING INPUT VIDEO INPUT 5 12 SYNC OUTPUT SHARP CTRL 6 11 SYNC SEP CR CHROMA BUFF OUTPUT 7 10 V_{CC} VIDEO INPUT 8 9 BYPASS</p>	<p>ECG1402 24-Pin DIP See Fig. L122 IC-Electronic Channel Selector Circuit, $V_{CC}=7.2\text{ V Max}$</p>  <p>K11 1 24 K12 K10 2 23 K13 K9 3 22 K14 K8 4 21 K15 K7 5 20 K16 K6 6 19 SKP K5 7 18 KIN K4 8 17 OSC K3 9 16 CHU K2 10 15 CHD K1 11 14 V_{CC} GROUND 12 13 DEF</p>
<p>ECG1403 16-Pin DIP See Fig. L111 IC-TV Vertical, Horizontal Driver, $V_{CC}=15\text{ V Max}$</p>  <p>VERT COMP 1 16 COMP SYNC IN VERT DRIVE OUT 2 15 PHASE DET VERT SIZE 3 14 FLYBACK PULSE IN VERT FEEDBACK 4 13 HORIZ SW BYPASS 5 12 HORIZ HOLD V_{CC} 6 11 REGULATOR 13V VERT HOLD 7 10 HORIZ DRIVE OUT COMP SYNC IN 8 9 GROUND</p>	<p>ECG1404 16-Pin DIP-ET See Fig. L151 IC-TV Sound IF Amp, Det, AF PO, $V_{CC1}=12\text{ V Typ}$, $V_{CC2}=17\text{ V Typ}$</p>  <p>SIF OUTPUT 1 16 GROUND FM DET INPUT 2 15 SIF INPUT BIAS V_{CC1} 3 14 SIF INPUT FM DET OUTPUT 4 13 VARIABLE OUTPUT AF INPUT 5 12 AF INPUT DC VOL CONTROL 6 11 FILTER V_{CC2} 7 10 FEEDBACK AF OUTPUT 8 9 GROUND</p>	<p>ECG1405 22-Pin DIP See Fig. L121 IC-TV Video IF Amp (Rev AGC), $V_{CC}=12\text{ V Typ}$</p>  <p>NOISE DET NET 1 22 AGC DET OUT VIDEO OUT 2 21 AGC DET NET 4.5 MHZ TRAP 3 20 VIDEO AMP OUT NC 4 19 V_{CC} BYPASS 5 18 AFT DET TANK IF INPUT { 6 7 } VIDEO DET TANK BYPASS { 8 9 } AGC AMP INPUT 10 15 AFT DET TANK AGC DELAY ADJ 11 14 AFC OUT 13 GROUND 12 RF AGC OUT</p>
<p>ECG1406 11-Pin SIP See Fig. L54 IC-TV Vertical Deflection Output, $V_{CC}=24\text{ V Typ}$</p>  <p>V_{CC} 1 VERT BLANK PULSE OUT 2 FBP 3 VERT OSC PULSE IN 4 VERT INPUT 5 NC 6 NC 7 V_{CC} FOR OUTPUT 8 OUTPUT 9 GROUND 10 NC 11</p>	<p>ECG1407 9-Pin SIP-HS See Fig. L81 IC-Audio Pwr Amp, 4.4 W, $V_{CC}=13.2\text{ V Typ}$, $R_L=4\ \Omega$</p>  <p>V_{CC} 1 UPPER BOOST 2 FCC 3 GROUND 4 FCB 5 NON-INVERTED IN 6 INVERTED IN 7 LOWER BOOST 8 OUTPUT 9</p>	
<p>ECG1409 24-Pin DIP See Fig. L122 ECG1409C 24-Pin DIP See Fig. L122C Electronic Channel Selector, $V_{CC}=12\text{ V Typ}$</p>  <p>CHAN SEL 11 1 24 CHAN SEL 12 CHAN SEL 10 2 23 CHAN SEL 13 CHAN SEL 9 3 22 CHAN SEL 14 CHAN SEL 8 4 21 CHAN SEL 15 CHAN SEL 7 5 20 CHAN SEL 16 CHAN SEL 6 6 19 SKIP INPUT CHAN SEL 5 7 18 KEY SENSE INPUT CHAN SEL 4 8 17 OSC FILTER CHAN SEL 3 9 16 CHAN UP INPUT CHAN SEL 2 10 15 CHAN DOWN INPUT CHAN SEL 1 11 14 V_{CC} GROUND 12 13 AFT DEFEAT OUT</p>	<p>ECG1410 28-Pin DIP See Fig. L124 IC-TV Video and CHroma Processor, $V_{CC}=12\text{ V Typ}$</p>  <p>V_{CC} 1 28 B OUTPUT CLAMP FILTER 2 27 G OUTPUT BRIGHT CTRL 3 26 R OUTPUT PICTURE CTRL 4 25 DEMOD IN VIDEO IN 5 24 BLANKING IN PEAKING FILTER 6 23 } 3.58 MHZ OSCILLATOR TINT CTRL 7 22 } AUTO/MAN SW 8 21 } COLOR CTRL 9 20 GATE PULSE IN CONTRAST CTRL 10 19 APC/ACC IN CHROMA OUTPUT 11 18 KILLER FILTER CHROMA BYPASS 12 17 } APC FILTER CHROMA IN 13 16 } GROUND 14 15 ACC FILTER</p>	<p>ECG1411 28-Pin DIP See Fig. L124 IC-TV Video IF, AGC, AFT, $V_{CC}=12\text{ V Typ}$</p>  <p>VID IF AMP IN 1 28 VID IF AMP IN GROUND 2 27 IF AGC CONTROL DC FEEDBACK 3 26 DC FEEDBACK FWD RF AGC OUT 4 25 AGC FILTER REV RF AGC OUT 5 24 AGC BLOCKING PREVENT RF AGC CONTROL 6 23 AGC FILTER VID IF AMP OUT 7 22 NC NC 8 21 SND IF DET OUT VID DET IN 9 20 V_{CC} AFT OUT 10 19 VID AMP OUT AFT COIL 11 18 } SND TRAP VID DET COIL 12 17 } AFT COIL 13 16 GROUND 15 AFT SWITCH</p>