

Linear IC and Module Circuits (cont'd)

ECG1736 18-Pin SIP See Fig. L75A
4-Phase Constant Current Step Motor Driver, $V_{CC}=24\text{ V}$, $I_L=1.5\text{ A Typ}$

VCC 1
MOTOR A COMMON 2
DIODE 3
MOTOR A 4
A INPUT 5
MOTOR A 6
A INPUT 7
RE1 8
VREF 9
GROUND 10
VREF 11
RE2 12
MOTOR B 13
B INPUT 14
MOTOR B 15
B INPUT 16
MOTOR B COMMON 17
PAUSE 18

ECG1736

ECG1737 18-Pin SIP-M See Fig. L75B
Chopper Dual Power Supply, $5\text{ V @ }3\text{ A}$, $24\text{ V @ }3\text{ A}$

CUT OFF 1
V2 SENSE 2
V2 SENSE 3
V1 SENSE 4
V1 SENSE 5
OUTPUT 1 6
OUTPUT 1 7
GROUND 8
GROUND 9
OUTPUT 2 10
OUTPUT 2 11
SENSE GROUND 12
V2 13
VIN 2 14
VIN 2 15
VIN 1 16
VIN 1 17
NC 18

ECG1737

ECG1738 28-Pin DIP See Fig. L124
TV/Stereo Remote Control Receiver, $V_{DD}=12\text{ V Typ}$

PWR ON IN 1
VSS 2
SIGNAL IN 3
AUTO CLEAR IN 4
KEY IN 5
KEY IN 6
KEY IN 7
SCANNER OUT 8
SCANNER OUT 9
OSC IN 10
OSC IN 11
OSC OUT 12
OSC OUT 13
VDD 14
D/A OUT 15
D/A OUT 16
MUTE OUT 17
MUTE OUT 18
CTRL OUT 19
CTRL OUT 20
PWR ON/OFF CTRL OUT 21
PWR ON/OFF CTRL OUT 22
CH CONTROL OUT 23
CH CONTROL OUT 24
CH DOWN OUT 25
CH UP OUT 26
CH RESET OUT 27
RECEPTION IND OUT 28

ECG1738

ECG1739 16-Pin DIP See Fig. L111
TV Horiz/Vert Deflection Oscillator Countdown, $V_{CC}=12\text{ V Typ}$

WIDTH IN 1
HORIZ RAMP IN 2
HORIZ SYNC IN 3
VERT SYNC IN 4
FILTER 5
VCO TUNING 6
SHUNT REG IN/TV 7
HORIZ OUTPUT 8
GAIN/WINDOW SW IN 9
VERT OUT 10
BLANKING OUT 11
INV HORIZ OUT 12
FLYBACK PULSE IN 13
HORIZ RAMP OUT 14
BURST GATE OUT 15
ECG1739

ECG1740 4-Pin SIP See Fig. L18B
TV Voltage Regulator, Output = 115 V , 1 A

ECG1741
Output = $125\text{ V @ }1\text{ A}$

ECG1742
Output = $130\text{ V @ }1\text{ A}$

ECG1743
Output = $135\text{ V @ }1\text{ A}$

DC INPUT (CASE) 1
BASE 2
COMMON 3
OUTPUT 4

ECG1740
ECG1741
ECG1742
ECG1743

ECG1744 22-Pin DIP See Fig. L121
Dual dbx Noise Reduction, $V_{CC}=3\text{ V Typ}$

ADJUST 1
GROUND 2
RMS IN-A 3
TIMING-A 4
CCA IN-A 5
CAP 1-A 6
CAP 2-A 7
VOUT-A 8
ON/OFF-A 9
NI 10
DECODE 11
ENCODE 12
I TIME 13
ON/OFF-B 14
VOUT-B 15
CAP 2-B 16
CAP 1-B 17
CCA IN-B 18
TIMING-B 19
RMS IN-B 20
NC 21
VCC 22

ECG1744

ECG1745 8-Pin SIP See Fig. L35
VCR Hi Speed Frequency Divider, $(1/20\text{ to }1/100)$, $V_{CC}=5\text{ V Typ}$

GROUND 1
NC 2
FREQ DIV RATIO INPUT 3
INPUT 4
VREF INPUT 5
NC 6
VCC 7
OUTPUT 8

ECG1745

ECG1746 28-Pin DIP See Fig. L124
TV Tuner Frequency Synthesizer, $V_{CC}=5\text{ V Typ}$

MIN 1
M1 OUTPUT 2
M4 OUTPUT 3
LOAD-2 4
LOAD-1 5
D3 6
D2 7
D1 8
D0 9
VCC 10
XT 11
XT 12
TEST 2 13
GROUND 14
MUTE/LOCK 15
CK 16
FR 17
FS 18
GROUND 19
PD OUTPUT 20
VCC 21
VCC 22
RE INPUT 2 23
RE INPUT 1 24
GROUND 25
DECOUPLE 26
TEST 1 27
MIN 28

ECG1746

ECG1747 28-Pin DIP See Fig. L124
TV Chroma/Vid Processor/Demodulator, $V_{CC}=12\text{ V Typ}$

PED CLAMP FILTER 1
BRIGHT CTRL 2
CONTRAST CTRL 3
BAND PASS AMP 4
VID INPUT 5
VID INPUT 6
BURST GATE 7
BAND PASS AMP INPUT 8
GROUND 9
COLOR CTRL 10
TINT CTRL 11
SYNC INPUT 12
VCC 13
ACC FILTER 14
APC DET 15
COLOR KILL DET 16
XTAL 17
XTAL 18
COLOR COMP SW 19
HV BLANK 20
AIC AMP 21
COLOR COMP CKT 22
Y AMP OUTPUT 23
COLOR COMP CKT 24
R-Y OUTPUT 25
G-Y OUTPUT 26
B-Y OUTPUT 27
PICTURE CONTROL 28

ECG1747

ECG1748 7-Pin SIP See Fig. L30A
DC Motor Driver, $V_{CC}=12\text{ V Typ}$

GROUND 1
INPUT A 2
VO 3
VCC 4
NC 5
VO 6
INPUT B 7

ECG1748

ECG1749 16-Pin DIP See Fig. L111
Dual Bidirectional Motor Driver, $V_{SS}=5\text{ V}$, $V_S=24\text{ V}$

ENABLE 1 1
INPUT 1 2
OUTPUT 1 3
GROUND 4
GROUND 5
OUTPUT 2 6
INPUT 2 7
Vs 8
ENABLE 2 9
INPUT 3 10
OUTPUT 3 11
GROUND 12
GROUND 13
OUTPUT 4 14
INPUT 4 15
VSS 16

ECG1749

ECG1750 15-Pin SIP-HS See Fig. L93A
Dual Solenoid/Motor Driver, $V_{CC1}=36\text{ V Typ}$, $V_{CC2}=5\text{ V Typ}$

VCC 1 1
CH 1 HI OUTPUT 2
CH 1 LO OUTPUT 3
CURR SENSE 1 4
VREF 1 5
INPUT 1 6
ENABLE 1 7
GROUND 8
OSC RC NETWORK 9
LOGIC/VCC 2 10
INPUT 2 11
VREF 2 12
CURR SENSE 2 13
CH 2 LO OUTPUT 14
CH 2 HI OUTPUT 15

ECG1750