

Appendix B ♦ Pinouts

Figure B-1. ANALOG AUDIO IN/OUT 37-pin, Male, D-sub Connector For Audio Options

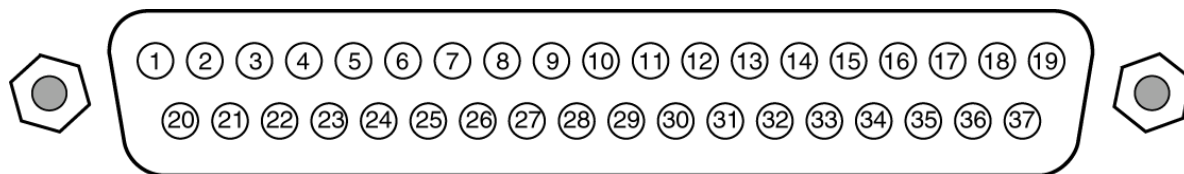


Table B-1. Pinouts for ANALOG AUDIO IN/OUT Connector and Audio Breakout Board

Pinout	Signal
1	Analog input 1 –
2	Analog input 2 –
3	Analog input 3 –
4	GND
5	Analog input 4 –
6	Analog input 5 –
7	Analog input 6 –
8	Analog input 7 –
9	Analog input 8 –
10	GND
11	Analog output 1 –
12	Analog output 2 –
13	Analog output 3 –
14	Analog output 4 –
15	Analog output 5 –
16	Analog output 6 –
17	Analog output 7 –
18	Analog output 8 –
19	GND

Pinout	Signal
20	Analog input 1 +
21	Analog input 2 +
22	Analog input 3 +
23	Analog input 4 +
24	Analog input 5 +
25	Analog input 6 +
26	GND
27	Analog input 7 +
28	Analog input 8 +
29	Analog output 1 +
30	Analog output 2 +
31	Analog output 3 +
32	Analog output 4 +
33	Analog output 5 +
34	Analog output 6 +
35	Analog output 7 +
36	Analog output 8 +
37	GND

Pinouts

Figure B-2. DVI-I Out Connector

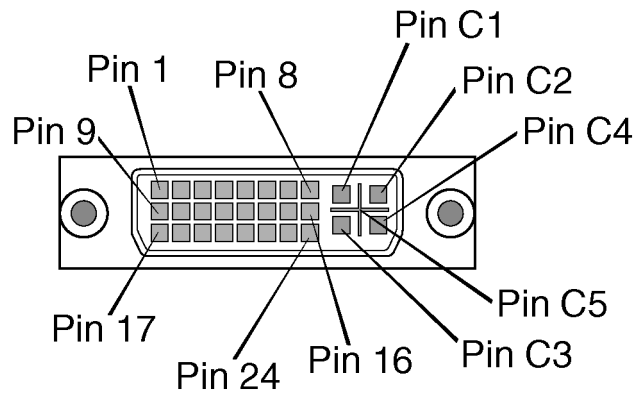


Table B-2. Pinouts for DVI-I Out Connector

Pinout	Signal
1	T.M.D.S. Data 2-
2	T.M.D.S. Data 2+
3	T.M.D.S. Data 2/4 Shield
4	T.M.D.S. Data 4-
5	T.M.D.S. Data 4+
6	DDC Clock
7	DDC Data
8	Analog Vertical Sync
C1	Analog Red
C4	Analog Horizontal Sync

Pinout	Signal
9	T.M.D.S. Data 1-
10	T.M.D.S. Data 1+
11	T.M.D.S. Data 1/3 Shield
12	T.M.D.S. Data 3-
13	T.M.D.S. Data 3+
14	+5V Power
15	Ground (return for +5V, Hsync, and Vsync)
16	Hot Plug Detect
C2	Analog Green
C5	Analog Ground (analog, R, G, and B return)

Pinout	Signal
17	T.M.D.S. Data 0-
18	T.M.D.S. Data 0+
19	T.M.D.S. Data 0/5 Shield
20	T.M.D.S. Data 5-
21	T.M.D.S. Data 5+
22	T.M.D.S. Clock Shield
23	T.M.D.S. Clock+
24	T.M.D.S. Clock-
C3	Analog Blue
-	-

Figure B-3. LTC/GPI 26-pin, Female, D-sub Connector

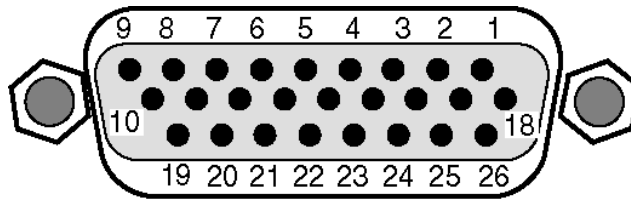


Figure B-4. LTC/GPI Breakout Board

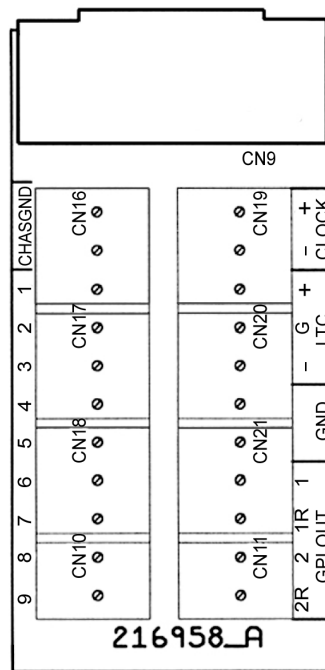


Table B-3. Pinouts for LTC/GPI Connector and LTC/GPI Breakout Board

Pinout	Signal
1	GND
2	GPI input #4 (Select input D)
3	GPI input #3 (Select input C)
4	GPI input #2 (Select input B)
5	GPI input #1 (Select input A)
6	GPI input #7 (Select Preset 3)
7	GPI input #8 (Select Preset 4)
8	GPI input #9 (Select Preset 5)
9	GPI input #6 (Select Preset 2)
10	GPI input #5 (Select Preset 1)
11	GND
12	Reserved
13	GPI output #1

Pinout	Signal
14	Return for GPI #1
15	GPI output #2
16	Return for GPI #2
17	Reserved
18	Reserved
19	Clock high in
20	Clock low in
21	Reserved
22	Reserved
23	Reserved
24	LTC high in
25	LTC ground
26	LTC low in

Figure B-5. Remote RJ-11 Control Connector

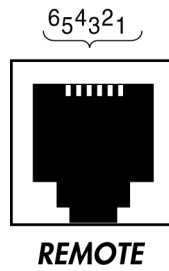


Table B-4. Remote RJ-11 Control Connector Pinouts

Pinout	Signal
1	OPEN
2	RX -
3	RX +
4	TX -
5	TX +
6	GND

Figure B-6. Router RJ-11 Control Connector

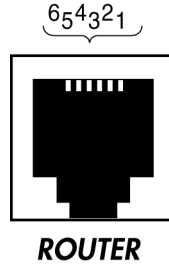


Table B-5. Router RJ-11 Control Connector Pinouts

Pinout	Signal
1	OPEN
2	OPEN
3	TX
4	RX
5	OPEN
6	GND

Pinouts

Figure B-7. Ethernet RJ-45 Connector

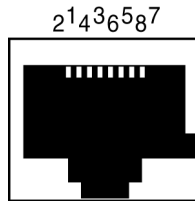


Table B-6. ETHERNET RJ-45 Connector Pinouts

Pinout	Signal
1	TX+
2	TX-
3	RX+
4	N.C.

Pinout	Signal
5	N.C.
6	RX-
7	N.C.
8	N.C.

Figure B-8. USB Connector

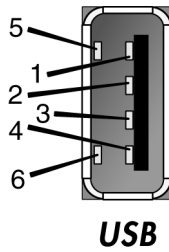


Table B-7. USB Connector Pinouts

Pinout	Signal
1	VCC
2	Data -
3	Data +
4	GND
5	GND
6	GND