

OEM adapter UcD180OEM and UcD400OEM

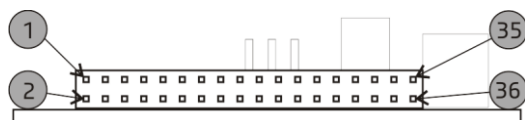


Fig1. Connector J9 pinning

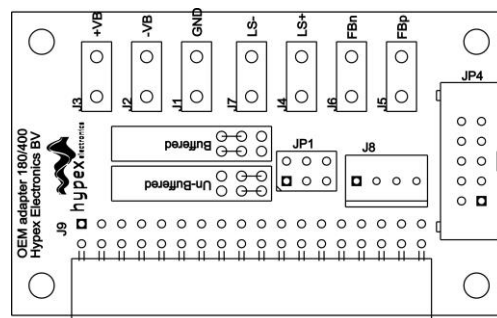


Fig2. Connector layout

Pinout J9, OEM connector

Pin	Function
1, 2, 3, 4	Positive power supply connection
5, 6, 7, 8	Power supply ground connection*
9, 10, 11, 12	Negative power supply connection
13, 14, 15, 16, 18	Loudspeaker connection (cold)*
17	Negative loudspeaker feedback
19	Positive loudspeaker feedback
20, 21, 22, 23, 24	Loudspeaker connection (hot)
25	Buffered inverting audio input
26	Buffered inverting audio output
27	Unbuffered inverting audio input
28	Ground
29	Buffered non-inverting audio input
30	Buffered non-inverting audio output
31	Unbuffered non-inverting audio input
32	Clipping detection output (open collector)
33	DC-error output (open collector)
34	ON/OFF control (active low)
35	Amplifier Ready (I ² C SDA, not yet implemented)
36	NC, (I ² C SCL, not yet implemented)

Pinout JP4, 10 pin boxheader

Pin	Function
1	GND
2	GND
3, 4, 5	NC
6	ON/OFF control (active low)
7	Buffered non-inverting audio input
8	Buffered inverting audio input
9	Clipping detection output (open collector)
10	DC-error output (open collector)

Pinout J8

Connector type: 4-pin MOLEX® KK® series , part number 22-27-2041.

Pin	Function
1	ON/OFF control
2	Inverting Audio Input
3	GND
4	Non-inverting Audio Input