

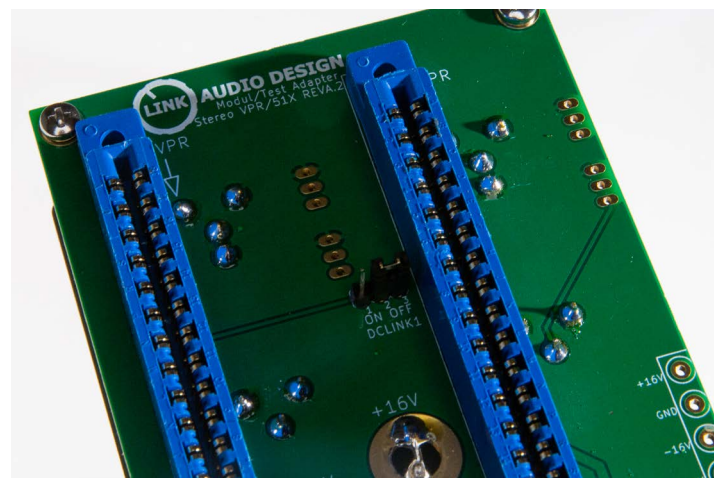
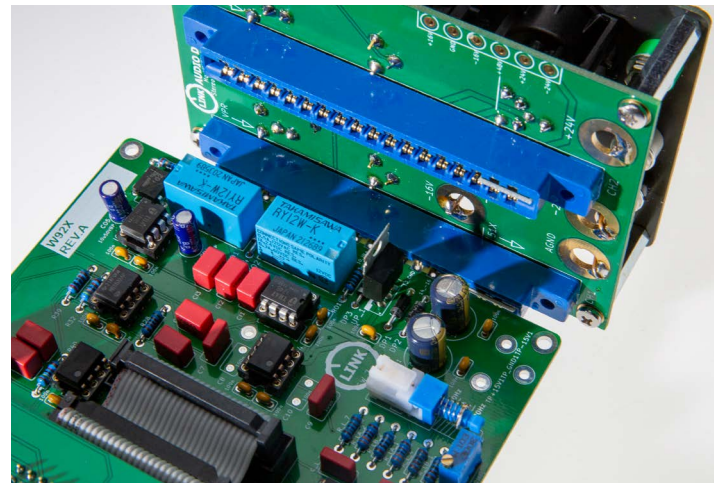


STEREO 51X

This updated STEREO 51X Extension is a complete set of PCB's, parts and components required to build an Extender for testing and calibrating 51X MONO and STEREO series modules. In addition you can use our STEREO 51X Stereo Modul Adapter to get your voltages directly out of the Rack via 4mm Hirschmann connections.

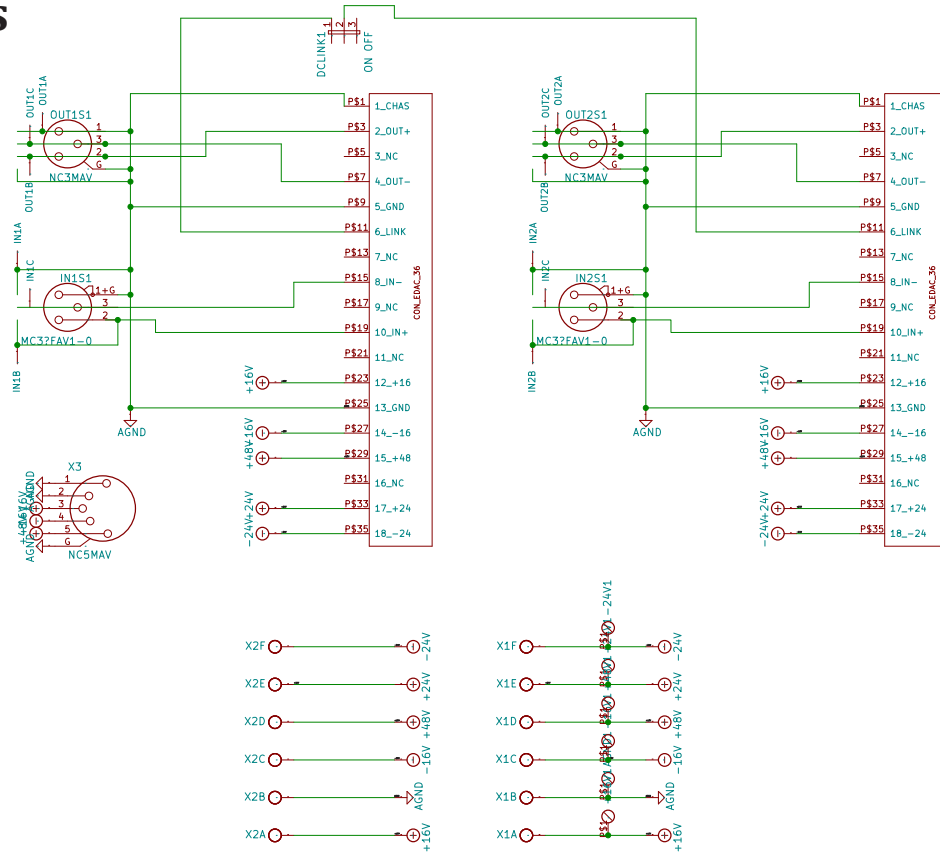
You always have different possibilities to Connect Power or Audio Signals to the Adapter. Check the direction how the Module is Plugged in. We add to each Kit these small 51X Spacers. Add them to the Card Connector to connect always Standard 500 Modules and don't went wrong in the direction. The Stereo Test Adapter can also DC-Link Modules that run Stereo. There is a small Jumper that can set for Stereo Connection. Make Sure you solder wires to the 4mm Hirschmann connectors and to the PCB

We also designed 3D Print parts, to print your own case for that stereo module, required parts come with the case parts option. For the the M3 Inserts you use a solder iron at 250°C and press them softly in place. In this sheet you will find schematics, Overlays and Bill of Materials. Have Fun!



DISCLAIMER: Proceed at your own risk. I am not liable for any damage, harm or loss of any kind resulting from the assembly and/or use of this PCB set. Safety provisions should always be exercised whenever working with any electronics. The following instructions are guidelines only. I can make no guarantee of the accuracy of contents contained within this document.

Schematics



Bill of Materials (BOM)

1	PCB Set		1	Mainboard
2	PCB Set		1	Backpanel
3	25mm Spacer		4	25mm Spacer
4	Screw M3		8	Screw M3
5	Modul Connection		2	36 PIN Connect
6	IN1,IN2		2	NC3 FAH
7	OUT1,OUT2		2	NC3 MAH
8	DC INPUT		1	NC5 MAH
9	+48V		1	4mm Yellow
10	-16V		1	4mm Blue
11	+16V		1	4mm Red
12	GND		1	4mm Black
13	-24V		1	4mm White
14	+24V		1	4mm Green
15	DC LINK		1	Jumper+ 3Pin
16	Cable for connect 4mm Connectors		1	10 cm Cable
17	Spacers for using 500 VPR Modules		2	51X Adapter
18	XLR Screws		10	XLR Screws
19	CASE PARTS		12	M3 Inlay
20	CASE PARTS		12	Inbus Screws
21	CASE PARTS		1	Front Panel
22	CASE PARTS		1	Back Panel

PCB layout for reference

