



LX2520

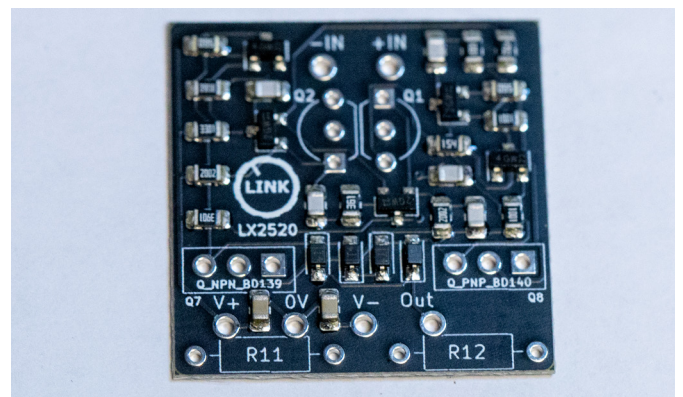
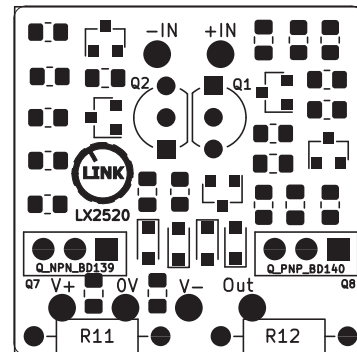
Let me Introduce this Discrete Operational Amplifier. This kit comes with all components necessary to build a LX2520 Discrete Operational Amplifier. This is on of the simplest discrete opamp kit available. Most of the components are already done for you cause they are pre-mounted SMD components.

In this Sheet you get a short build instruction, BOM and Overlay. Have Fun!

Start with the blank PCB, add at first the two matched BC 550 Transistors. Make sure the flat sides face each other. Solder at first one solder point on the bottom, make sure they are straight, solder next pins and trim them. Same procedure with Q8 and Q7, make sure to place them at the designated spot in correct direction. Now we will use any existing 2520 Socket, set your Pins in the socket and place the PCB on top and solder in all Pins, make sure the whole PCB stays straight. To finish your Opamp add R11 and R12.

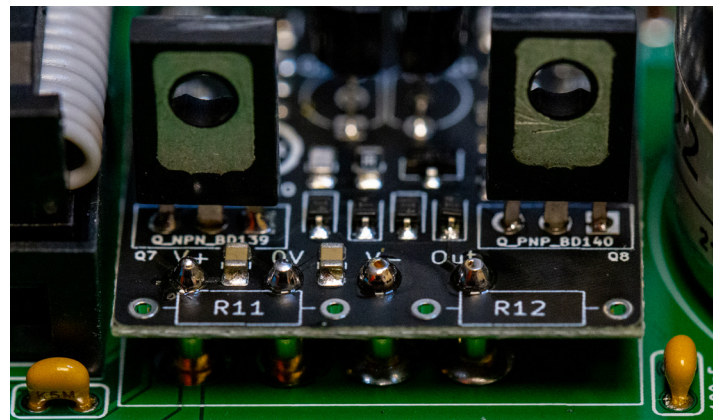
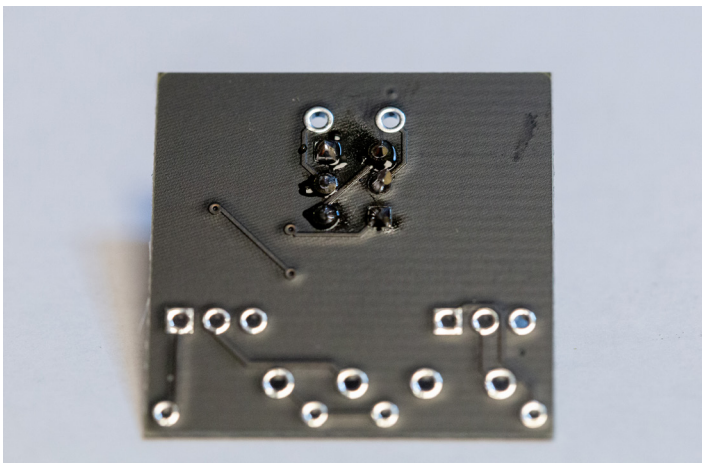
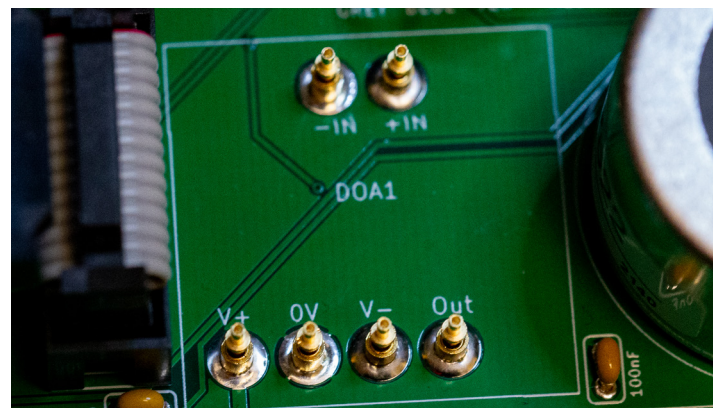
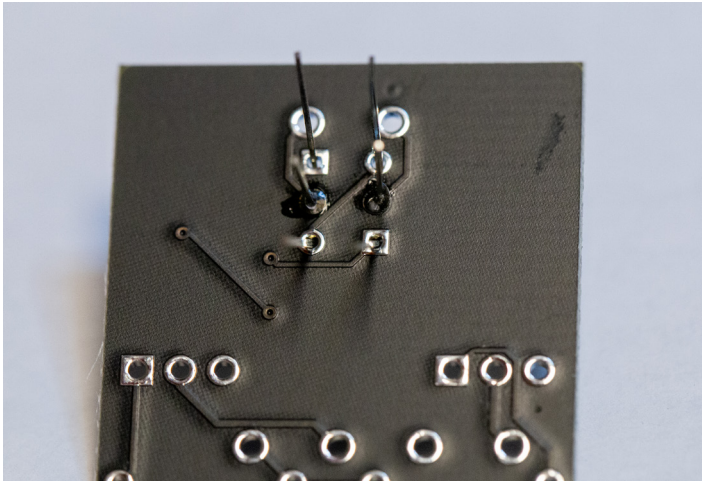
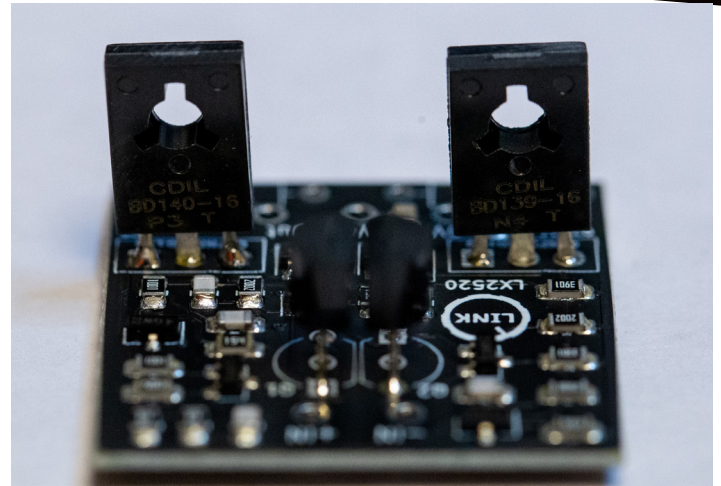
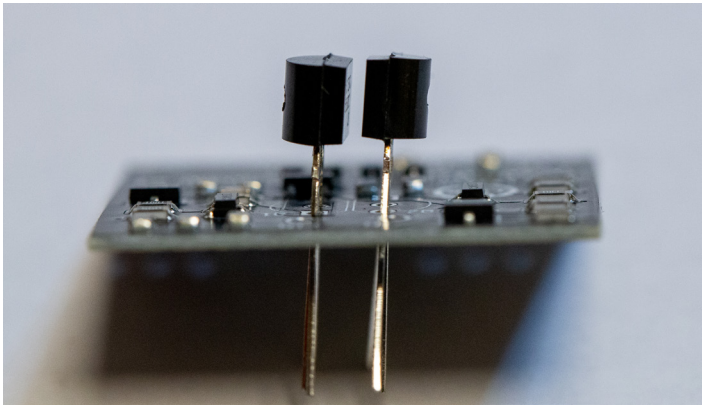
Test your new Opamp in any existing 2520 configuration.

PCB layout for reference



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.

Pictures of the Build



Bill of Materials (BOM)

1	Q8	TO-126-Transistor	1	BD140
2	Q7	TO-126-Transistor	1	BD139
3	PCB	LX 2520 PCB	1	PCB
4	DOA1	PINS	6	DOA Pins
5	R12,R11	Resistor	2	5R6
6	Q2,Q1	TO-92L-Transisotr	2	BC550C

