



Thank you for ordering a Zeddynet KIT.

The component side of the PCB is printed with the identification and position of each component.

Please ensure that you insert the correct component in each position, and follow any orientation marked on the PCB

Please start soldering with the low profile parts.

The parts are:

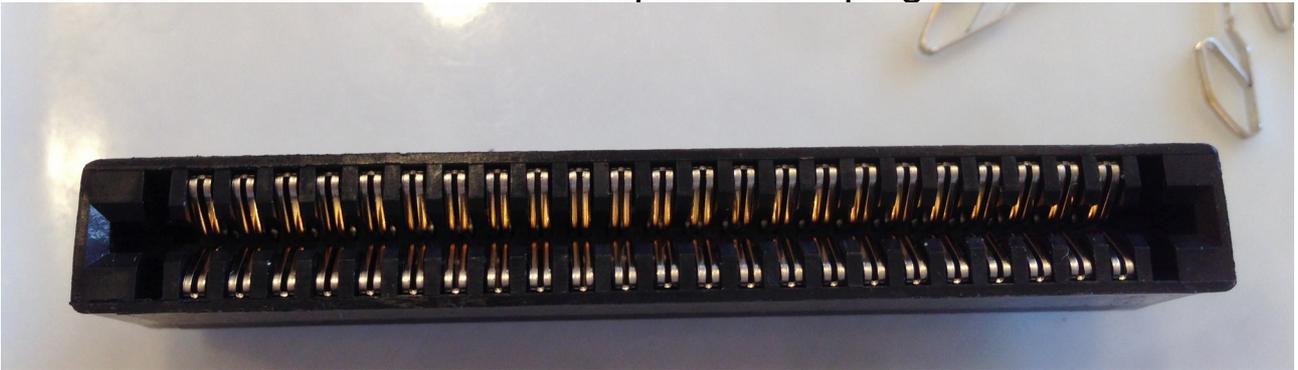
- 2x 10k resistors (coloured brown, black, orange, gold)
- 1x 100 resistor (coloured brown, black, brown, gold)
- 1x 100nF capacitor
- 1x Germanium diode AA143 (ensure that the rings on the diode and the PCB show in the same direction).
- 1x 3 Pin Voltage regulator: insert into PCB, bend into position, tighten the screw, then solder (this avoids unnecessary tension)
- 1x reset button (this will only fit in the correct orientation).
- 2x 20pin Sockets. Please ensure that the end with the notch matches the printed notch on the PCB
- 1x 10uF polarity sensitive capacitor. This has one side marked with minus. Plus in on the opposite side. Please insert pins the correct way around, then bend parallel to voltage regulator, and then solder
- 1x 100uF polarity sensitive capacitor. Again this has one side marked with minus. Please insert pins the correct way around, then bend parallel to 74LS245, and then solder.
- 2x 20pin WizNet socket
- 1x light gray 64 pin 90 degree VG64 plug

Solder items in this order and then check (and double check) all solder points, ensuring that there are no stray strands of solder. Check to make sure that each solder point is making contact with the PCB and then you are ready to test your device.

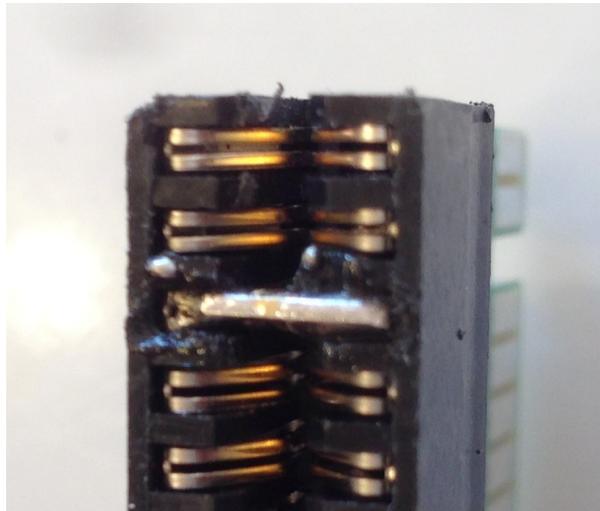
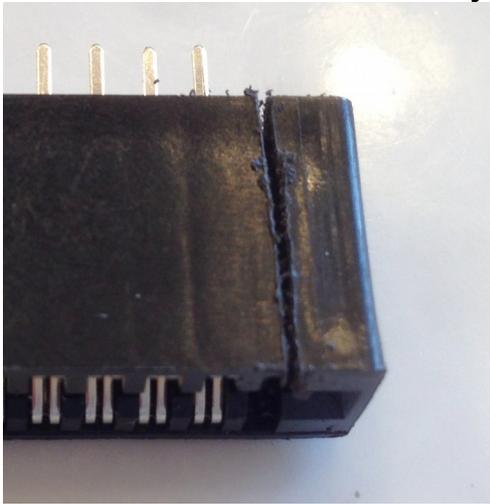
Please note that we do not accept any responsibility for any damage or injury caused by you soldering the components, or when testing the finished board where this is not due to a fault on the PCB or supplied components.

Making the 81Xtender board:

You will need to extract the outer pins of the plug like this:

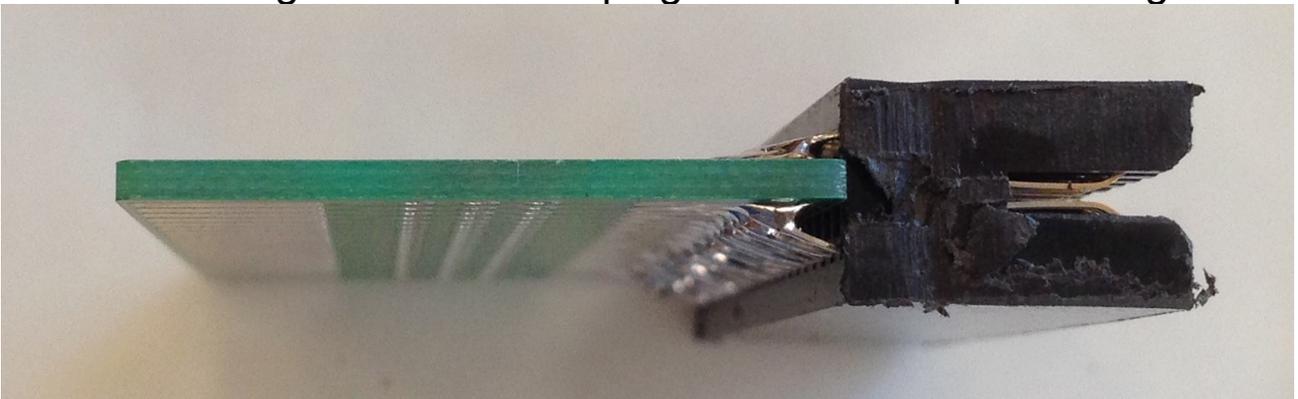


First push the pins up from downside with a needle-nosed pliers. Then cut off unnecessary plastic:



Next you need to make keyway. I solder a pin on the third column and on the bottom side I bend them together and solder them as well. So they can't be pulled out anymore, a thing that happened to pieces of plastic inserted (and even glued) there quite often.

When soldering the PCB to the plug be carefull to position it good:



Then make shure to insert the VG64 Connector in the correct way and position. Double check this before soldering!!!!



Now your masterpiece should look like this.