

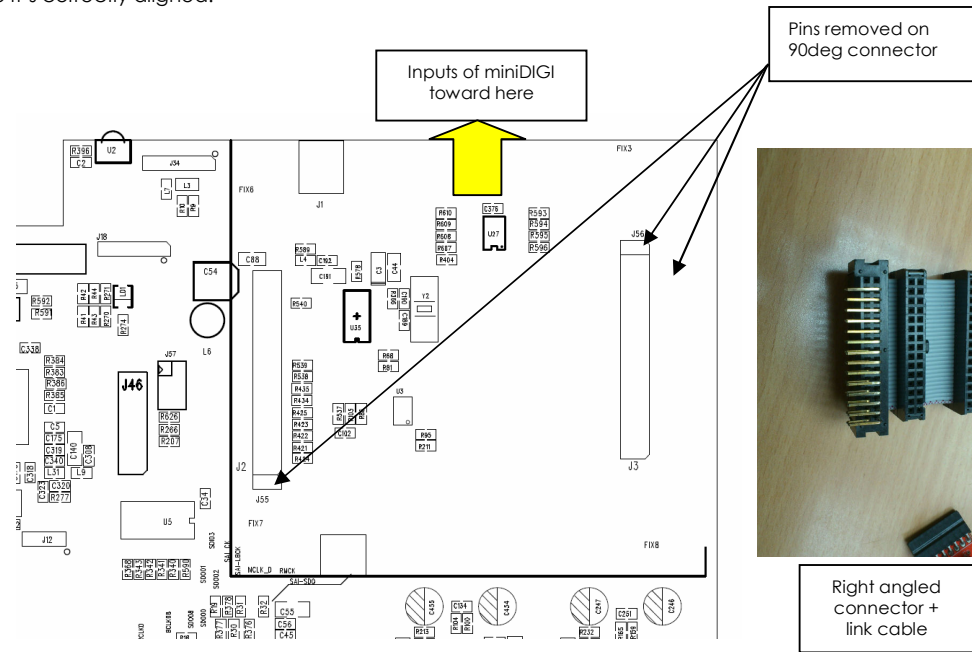
Adding miniDIGI to miniDSP 2x8/8x8 kits

When ordered together, the miniDIGI + miniDSP 2x8 will be correctly configured at the factory by our staff. The following application note describes how to add an existing miniDIGI (e.g. from a previous order) to a miniDSP 2x8/8x8 platform. Please pay careful attention to make sure you do not misconnect the board. Requirements for making this change is to know how to solder/desolder SMD components. Please do some online research and train on a "dummy board" (not the miniDIGI!) how to solder SMD if you've never done it before. Note that if you wish to use your board back to a miniDSP kit, you will need to perform the same steps back in the other direction else the board will not work.

Before starting, it's assumed but let's say it just in case. Make sure you disconnect all power, audio, control connections to the board. If you have "ANY" doubts, best to email us pictures so that we can confirm before you startup your unit. OK?

1.1 Setup of the board

The miniDIGI will fit only in one direction when aligning all four holes with the board. Easiest is to first place the standoff to make sure it's correctly aligned.

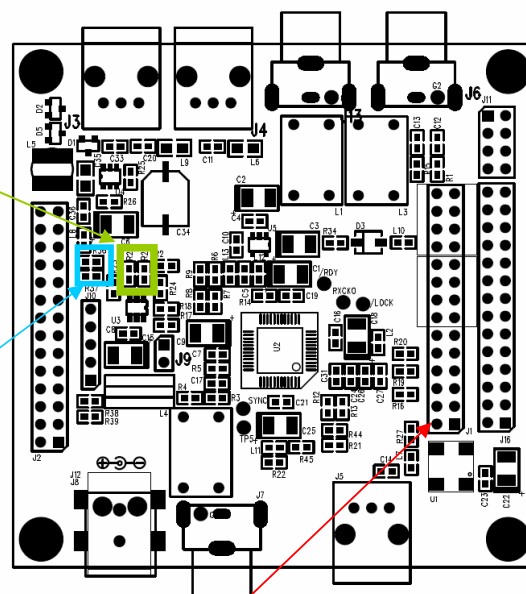
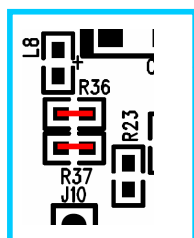


1.2 Configuration of the miniDIGI

Because the miniDIGI will need to operate at the correct rate of the plug-in, there are a couple of modifications to be done on the board itself.

1) First step is to remove the following resistors: R28 & R29. Using a solder tip and some solder, gently heat up the SMD resistor until it moves. You should NOT apply any force. SMD is all about the right amount of solder and head. No force is required to move the part. If you do you could damage the pad.

2) Second step is to create a "bridge" on the position of R36 and R37 as shown in the blue area. You can create a solder bridge by either using a "blob" of solder or just use a small wire like shown below. Make sure the bridge is in this direction.



3) Finally Remove the last jumper (M) here.