

Pin Assembly Instructions for Proto Advantage Adapters

1.0 Adapter Board Details

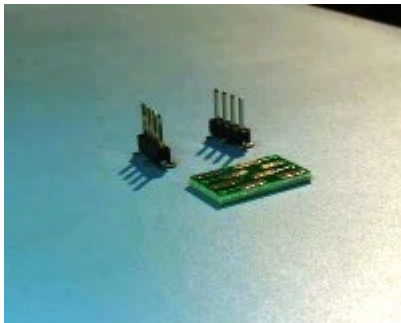
Proto Advantage Adapters include:

- A Printed Circuit Board (PCB)
- Surface Mount Pin Headers
- Assembly Spacer

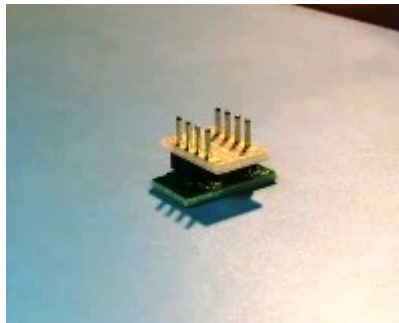
2.0 How to Install the Pins

It is best to first install the Surface Mount Device (SMD) on top of the PCB, without the pins installed. This allows the PCB to sit flat on a desk and also allows the PCB to be reflowed without the pins possibly shifting during reflow.

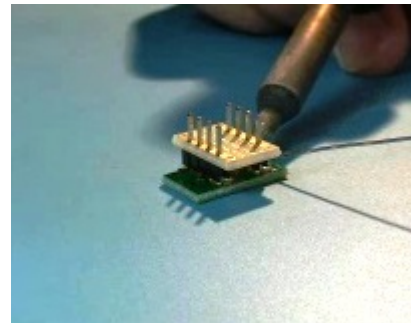
Once the SMD is installed onto the PCB, flip the PCB upside down. The pin headers come in row sizes of up to 40 pins. Align the pin row over the PCB pads and snap it to size using a pair of needle nose pliers, or cut the row to size using a small blade. Place the assembly spacer over the two rows of pins. Solder the outside pins first. Then remove the assembly spacer and solder the inside pins.



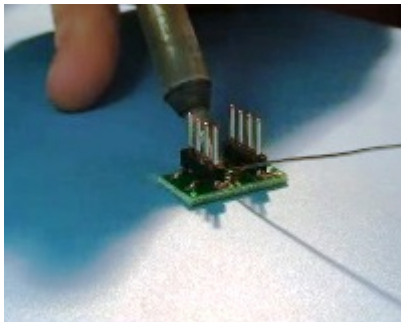
Snap the Pins to Size



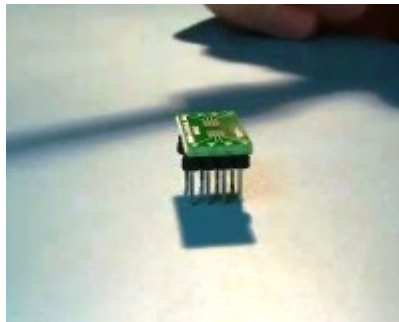
Put the Assembly Spacer on



Solder the outside pins



Remove the spacer and solder the inside pins



Complete