

ADDAC System

ADDAC406 CLOCK BENDER

ASSEMBLY GUIDE

Revision.01 November.2026

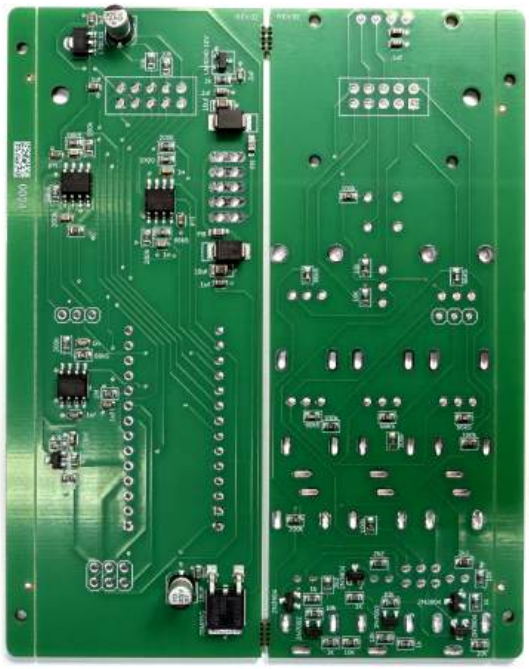
ADDAC System

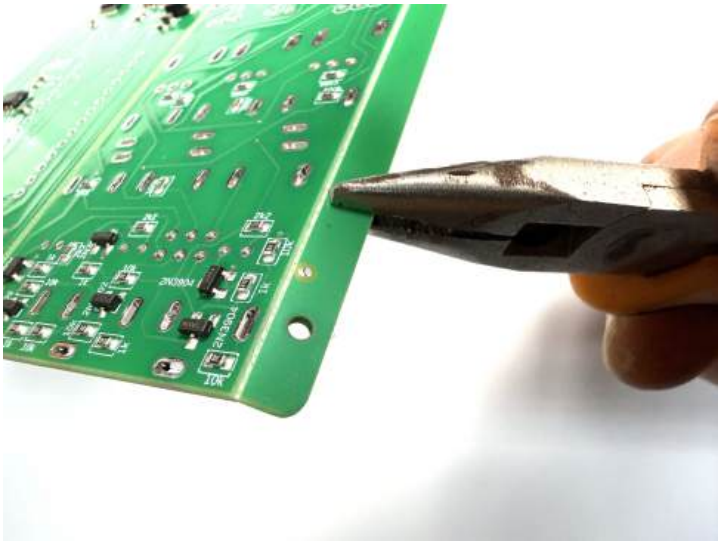
ADDAC406 Assembly Guide

November.2026

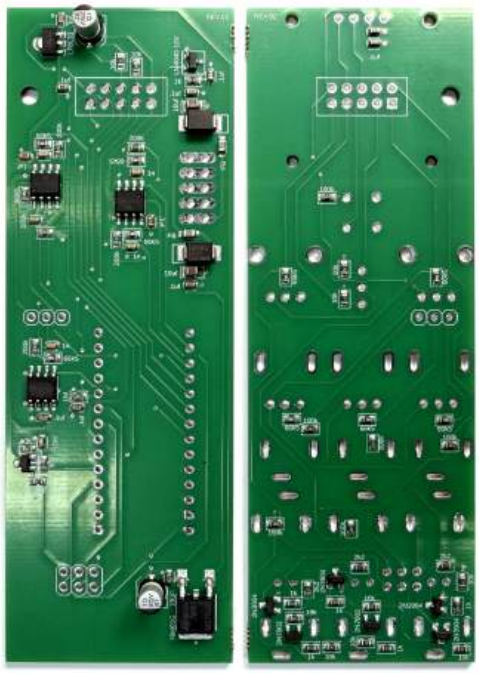


STEP 1:
Start by separating the pcbs apart, use pliers to grab the pcb and apply light pressure to break the apart.





STEP 2:
Discard the side parts and trim the side edges.

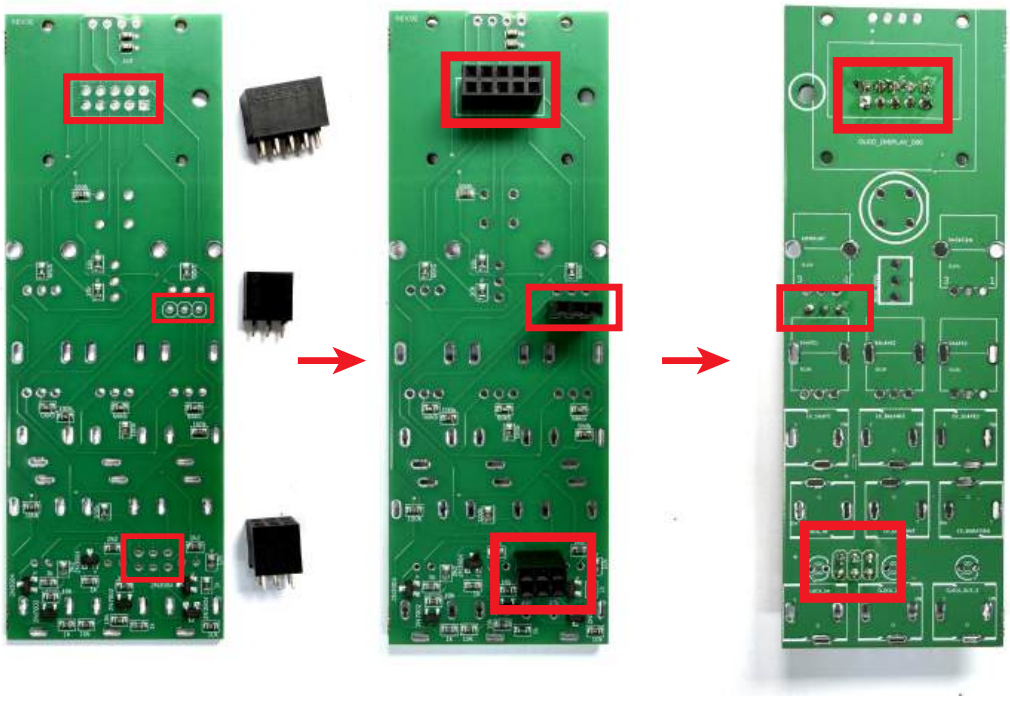


STEP 3:
Pick up the back pcb and place the 2x5 power connector, notice the orientation of the indent.
Also place the two 14 pin female header, insert the 14 pin male headers on the female headers and the teensy on top, this will guarantee everything will be aligned.
Once everything is in place you can solder all pins.

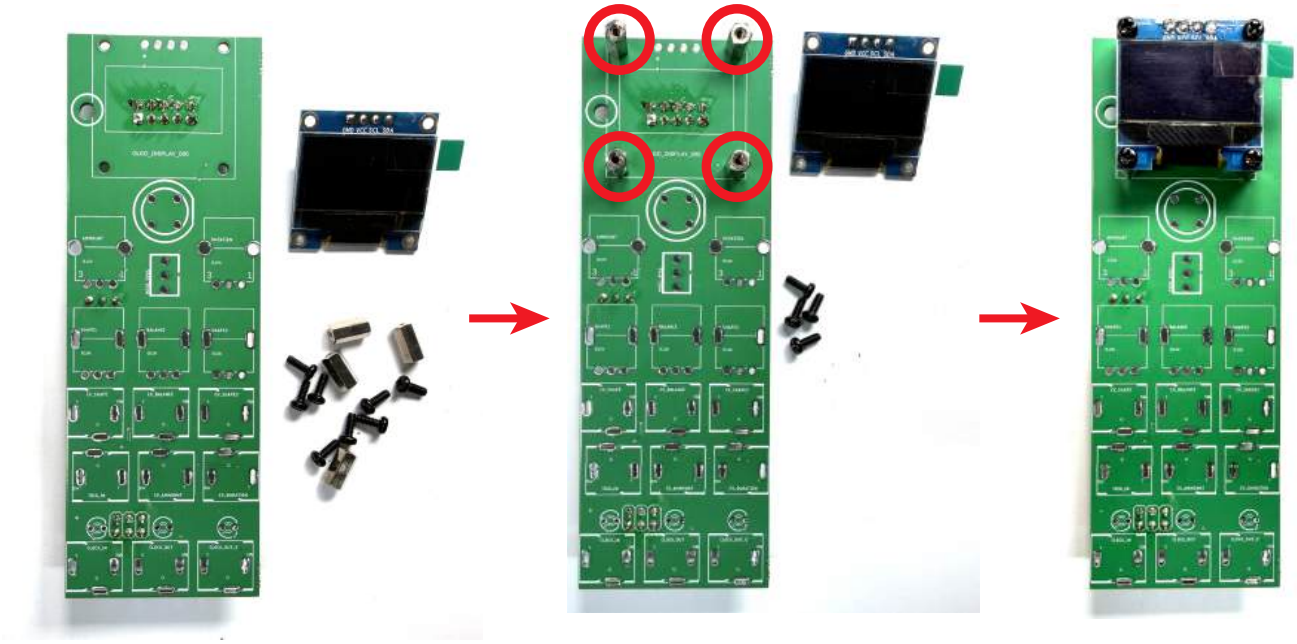
The Teensy board ships pre programmed with the latest firmware.



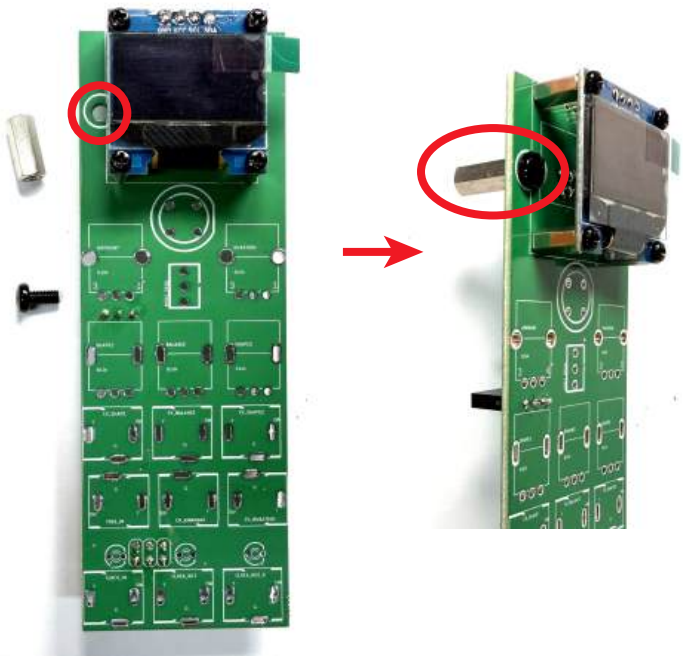
STEP 4:
Grab the top pcb, place the 3 connectors on its back like shown in the image and solder them.



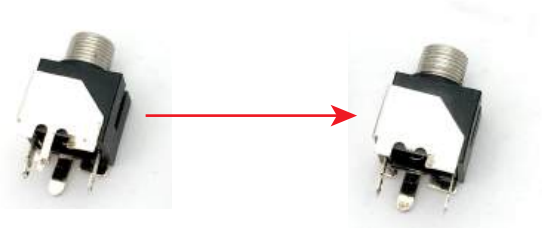
STEP 5:
Grab four M2 screws and the four small spacers and proceed by placing them on the board, four screws on the under side of the pcb and the spacers on top like shown below. Once the spacers are set place the screen on top and place the remaining four screws fixing it in place, proceed by soldering the 4 pins to the pcb.



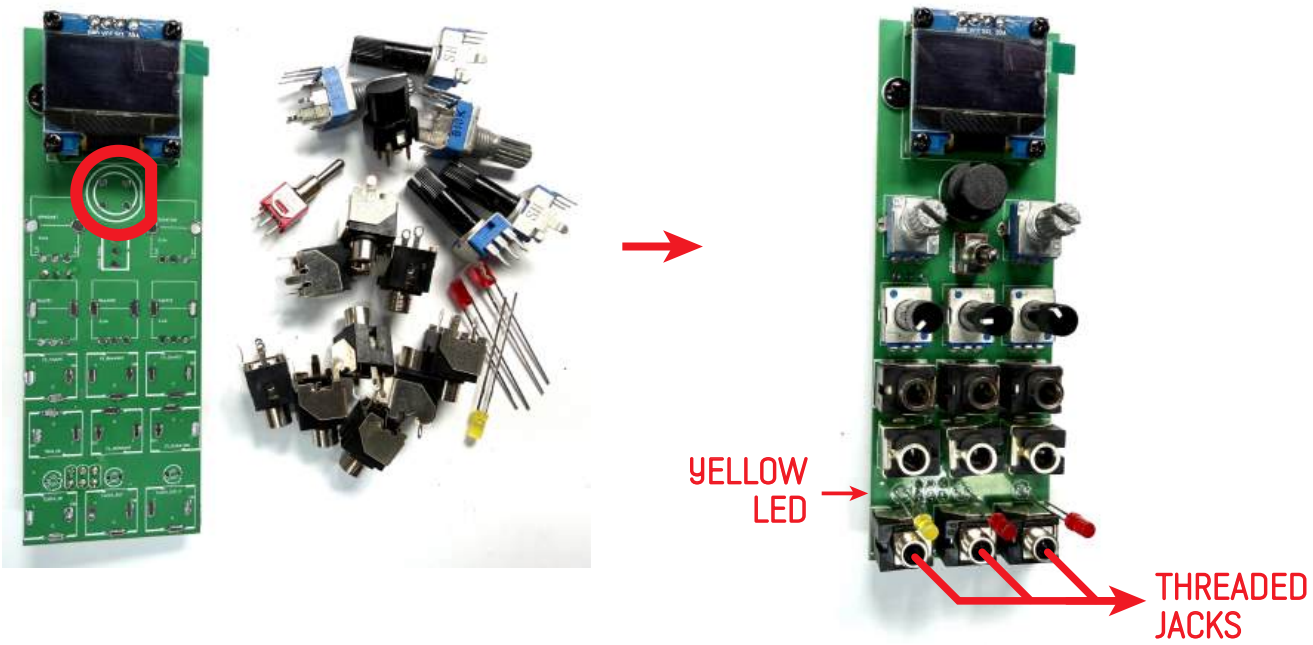
STEP 7:
Next place the 12mm spacer as shown below.



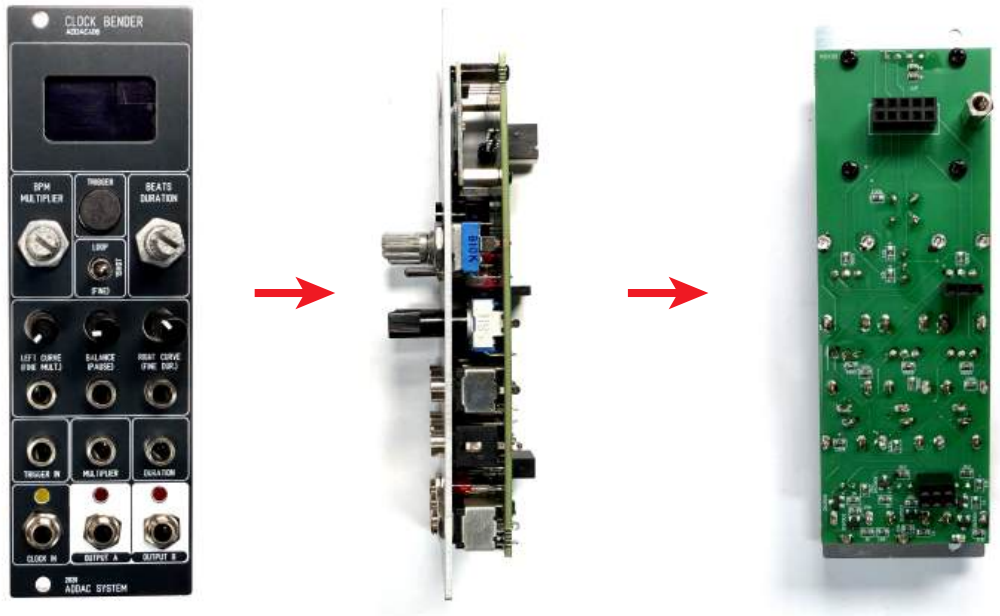
STEP 8:
Next, locate the jacks and cut the thinest leg like shown below.



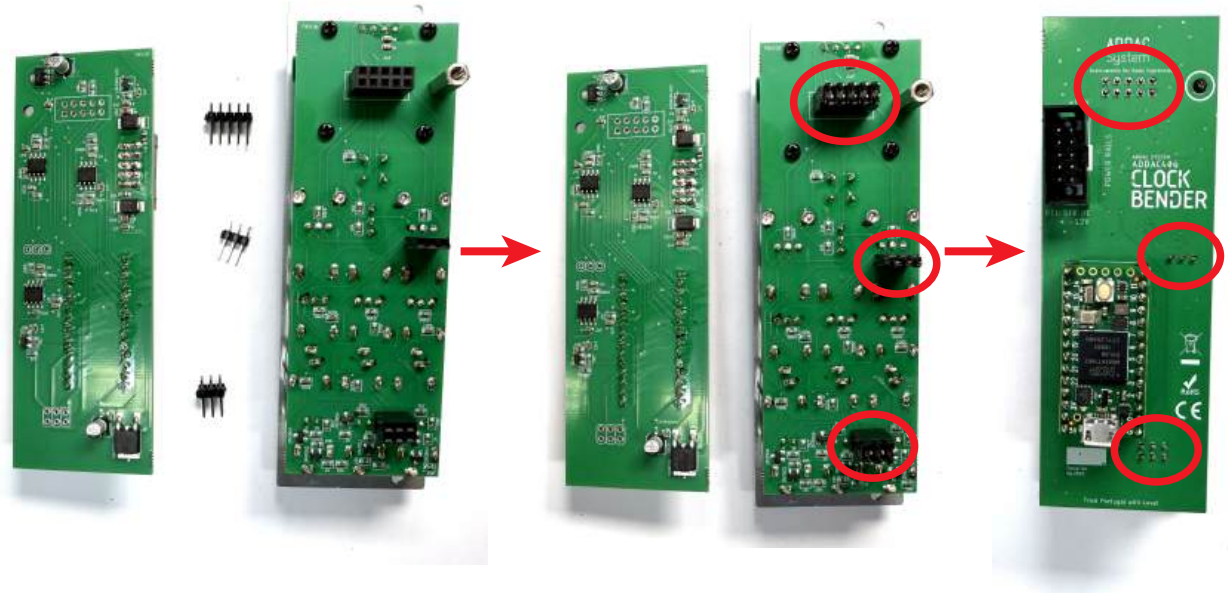
STEP 9:
Now place all parts on the front pcb, do not solder them just yet.
Notice the orientation of the black switch, the led colors and the threaded jacks location.



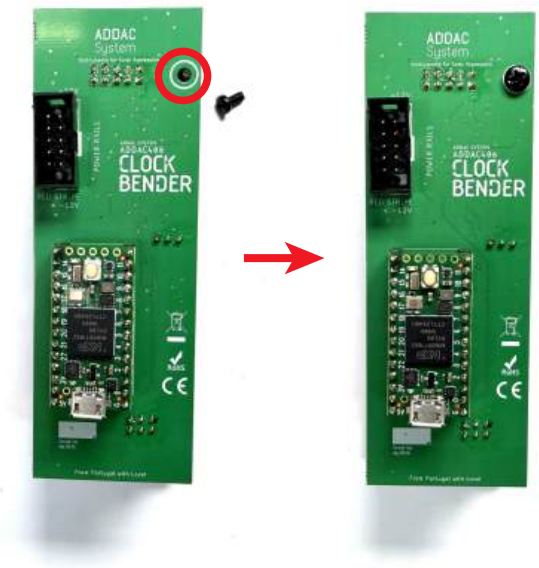
STEP 10:
Proceed by placing the front panel over the parts, take your time with this step, start from the top taller parts and then use a scredrivers into the jacks to help aligning them with the panel holes.
Once in place tighten the 5 nuts and solder all the parts.



STEP 11:
Next insert the male pinheaders into the female ones, place the back pcb on top and solder the male pinheaders.



STEP 12:
Insert the M3 screw to the spacer below.



Place the knobs and you're done!

Happy Patching!



For feedback, comments or problems please contact us at:
addac@addacsystem.com

ADDAC406 ASSEMBLY GUIDE

Revision.01 November.2026