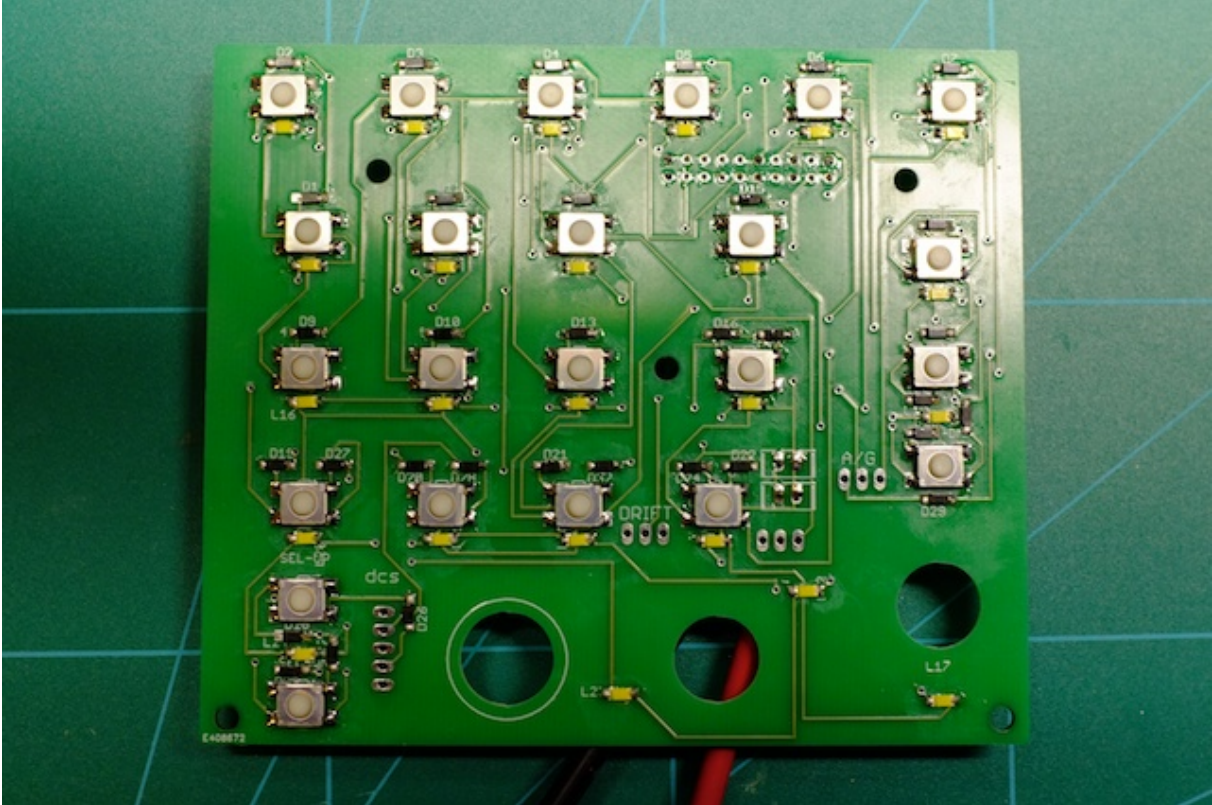


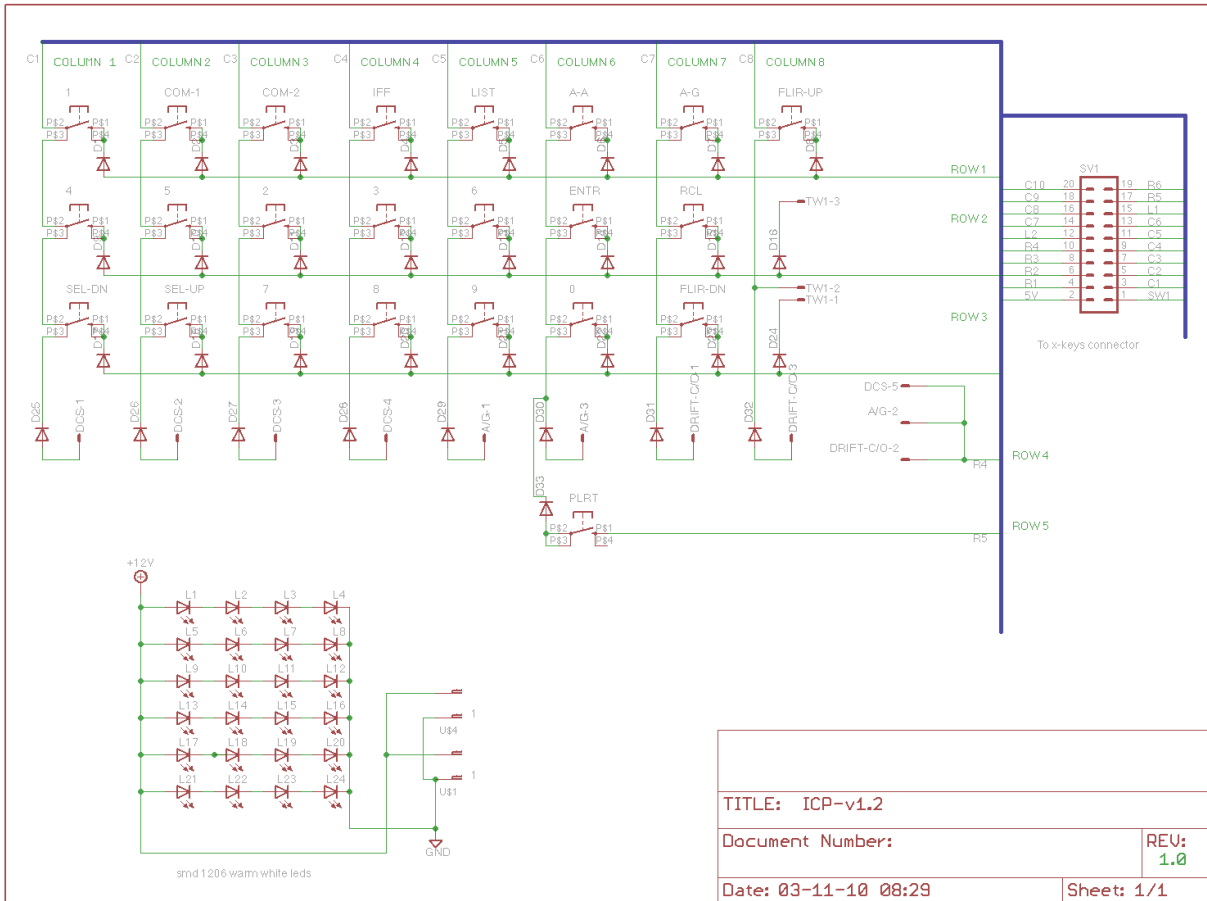
ICP pcb manual v1.0



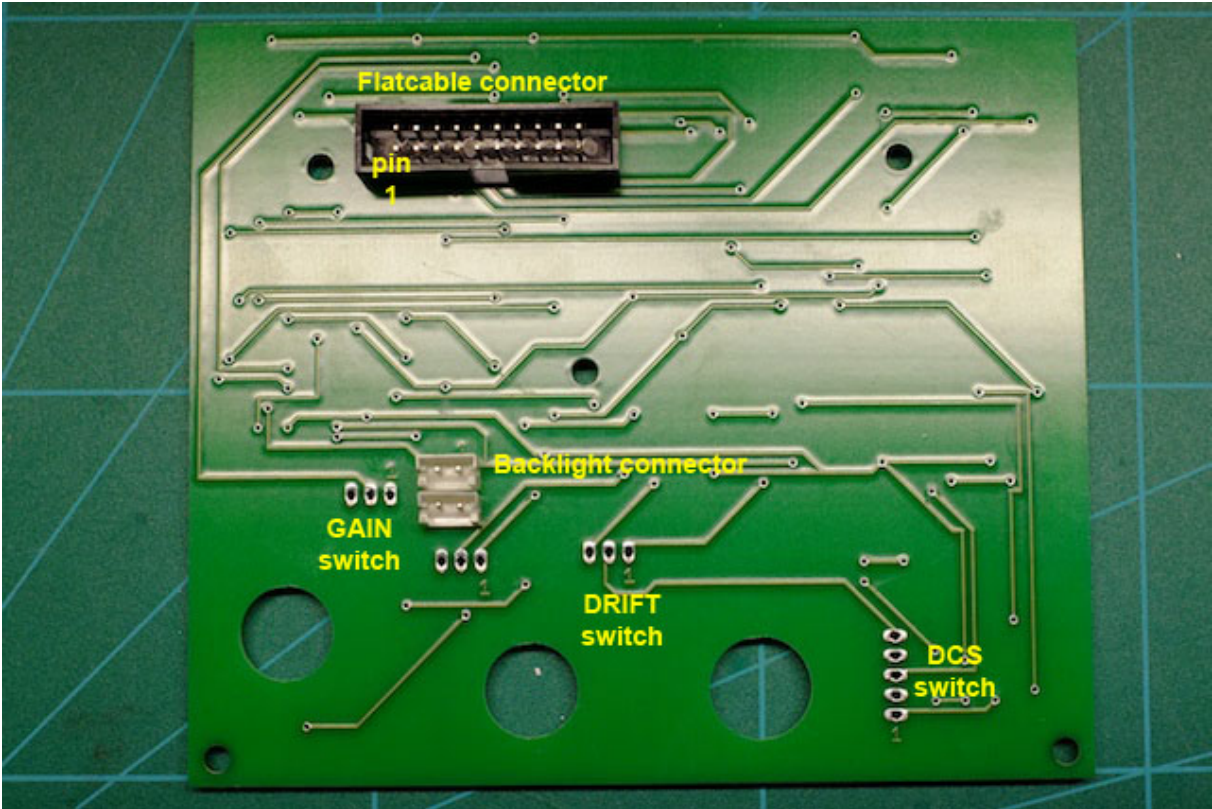
This manual describes the connections of the ICP pcb to an x-keys controller.

Although the pcb has been designed for easy connection to an x-keys matrix board, it is very well connectable to any matrix decoder.

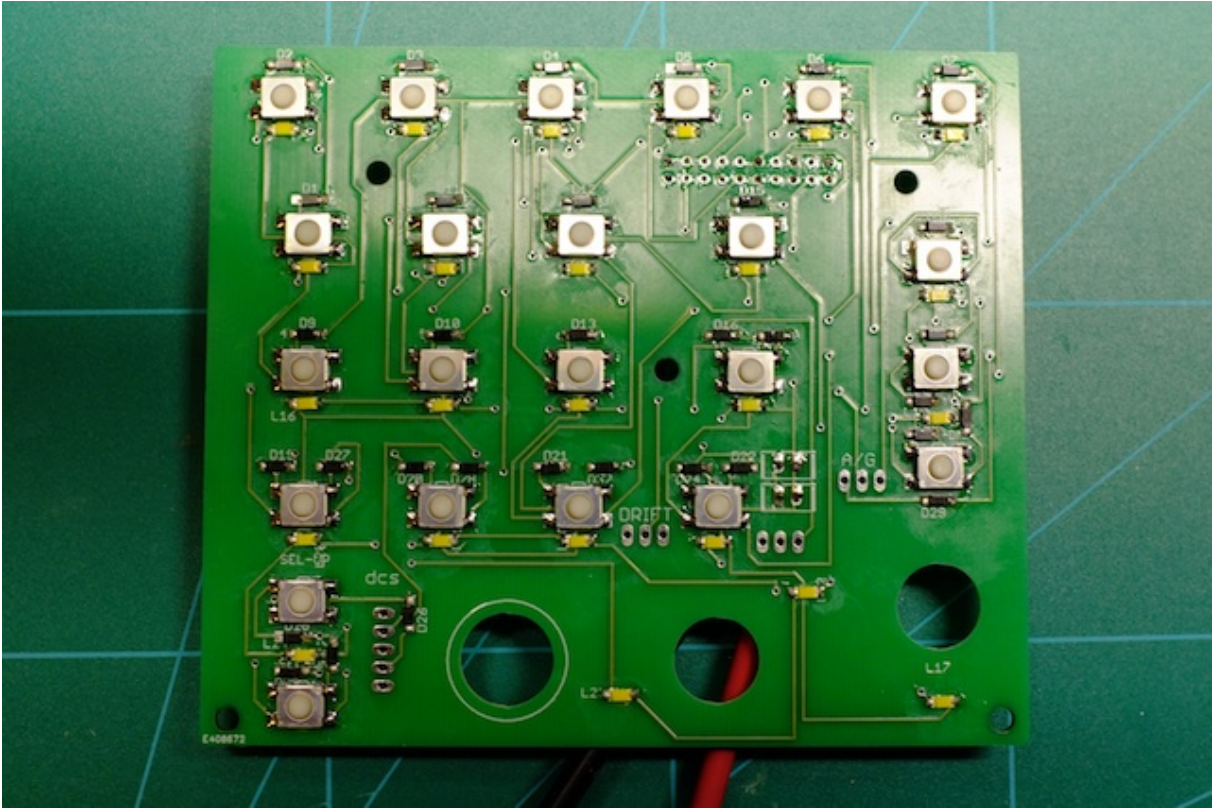
The matrix consists of 8 columns by 4 rows.



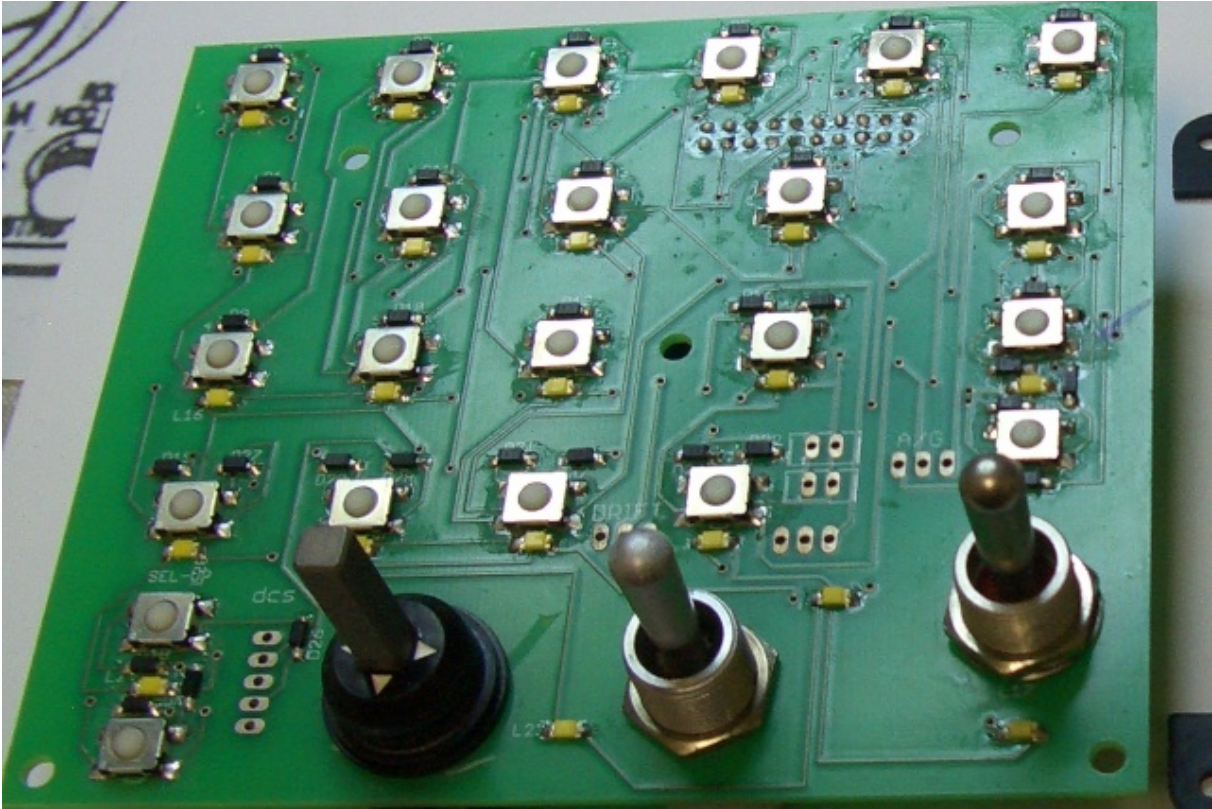
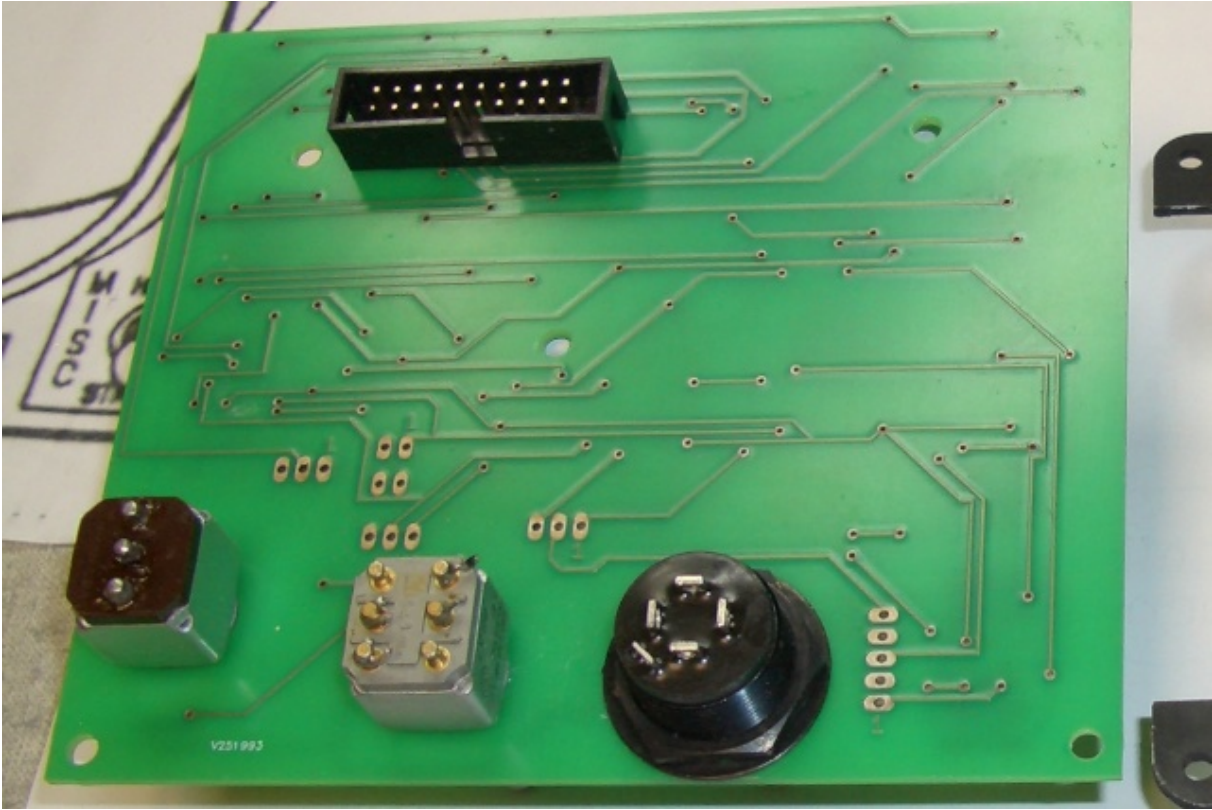
Pcb backside.



Pcb frontside



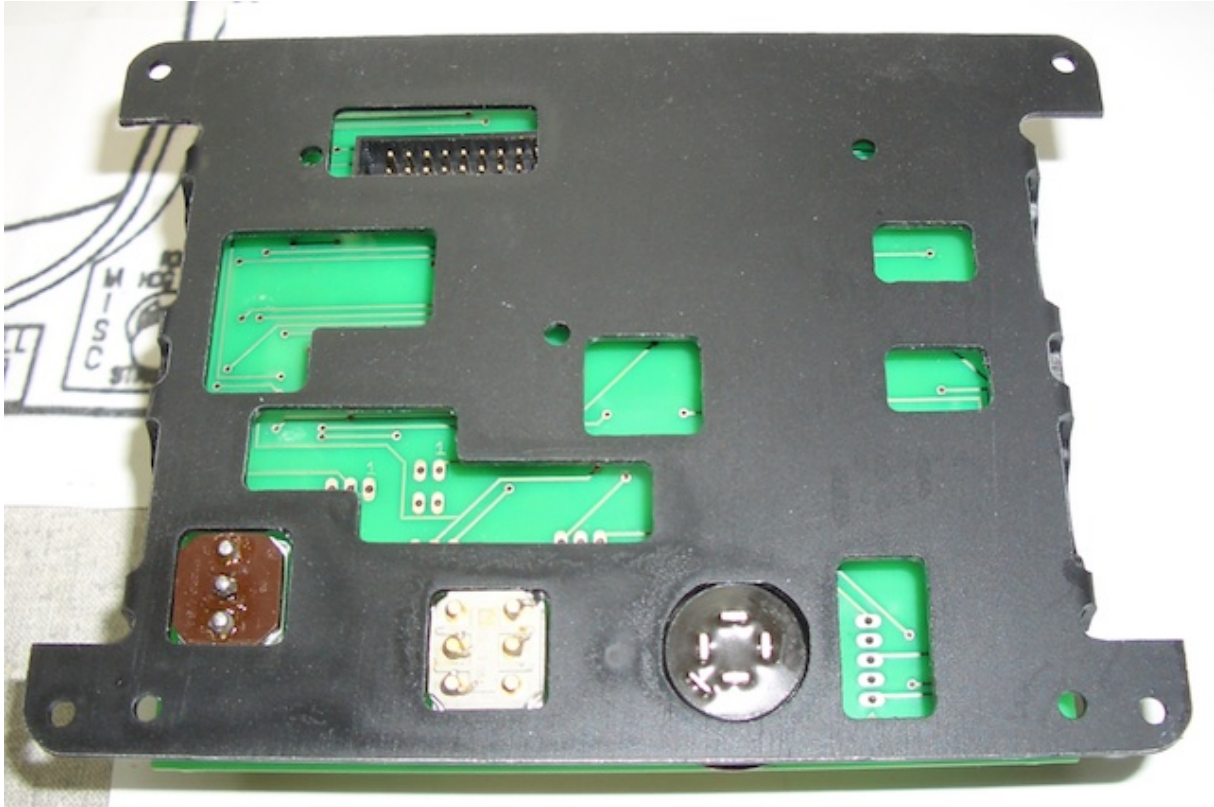
First mount your DCS, Drift and Gain switches to the pcb.
It is possible you have to enlarge the hole for the DCS switch. For an original DCS switch markings are available on the pcb.



Then pre-mount the pcb to the ICP to see the fit and distance necessary to make the switches work properly. It is most likely you need small washers to adjust the distance from the pcb to the ICP.

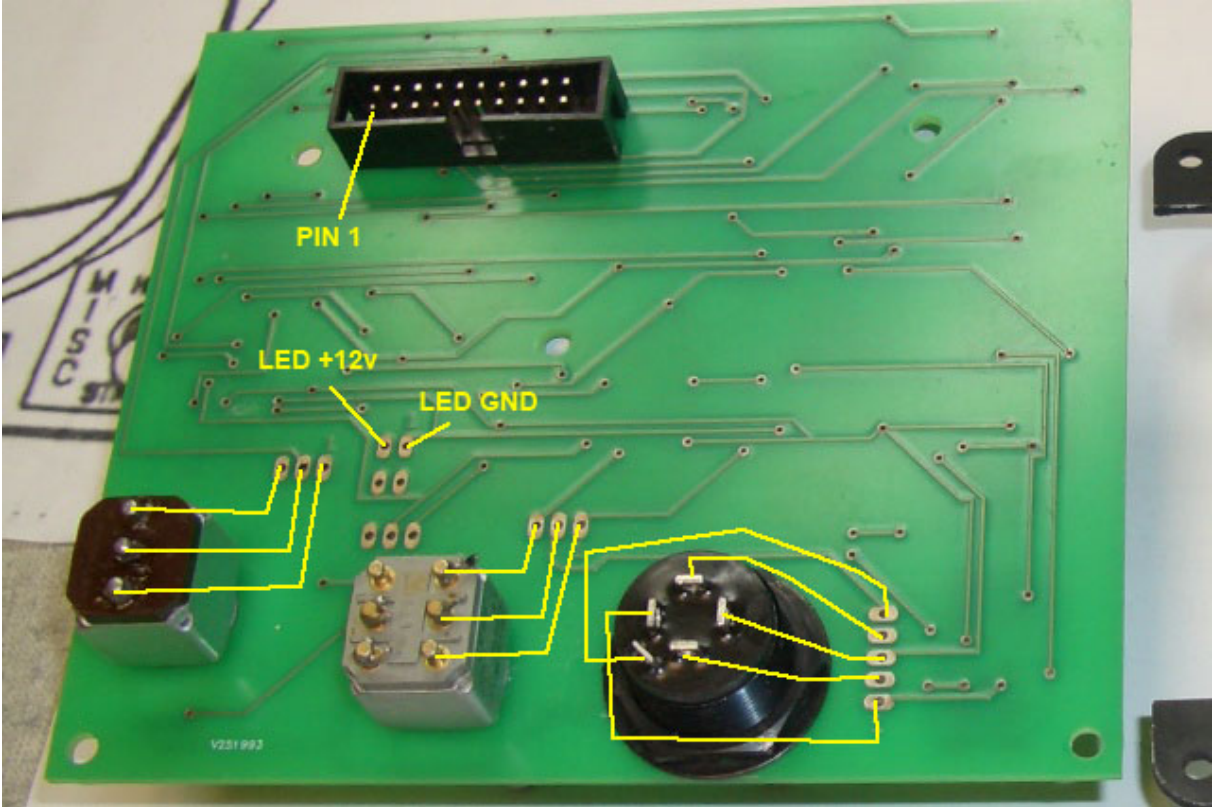
You can also cut a piece of 1.5 – 2mm foam with openings for the switches and mount that between the pcb and ICP. This makes the distance somewhat adjustable and prevents light from shining through the sides of your ICP.

When you have all the switches working properly you can place Mike's backplate, **INSTALL AN EXTRA LAYER OF ISOLATION** and screw it all together. You have to place some sort of isolation between the pcb and metal backplate to prevent shortings.



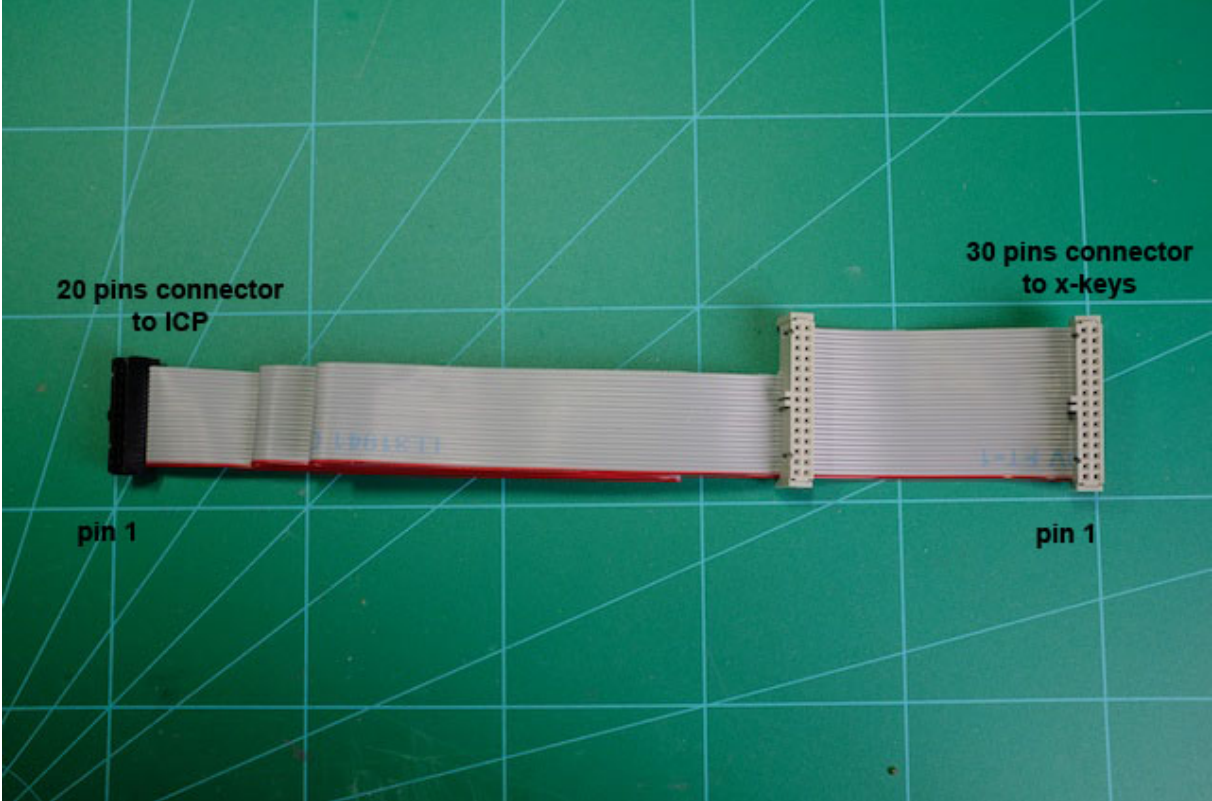
It is possible you have to enlarge the hole for the flatcable connector. This is due to the fact that several ICP versions exist.

AFTER mounting the backplate you can wire the DCS, Drift and Gain switches using the following picture:

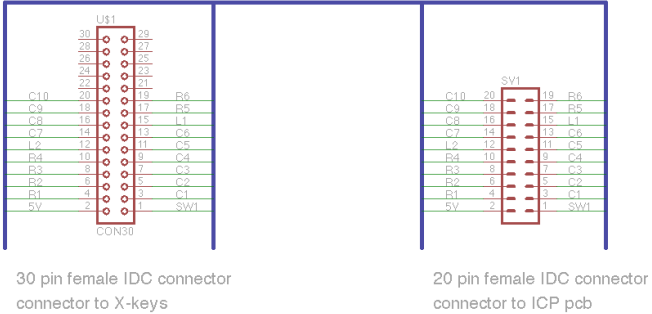


After that you can connect your pcb to your x-keys controller.

To connect you ICP to an x-keys you can use a simple flatcable:



ICP to x-keys wiring diagram:



TITLE: ICP flatcable wiring	
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