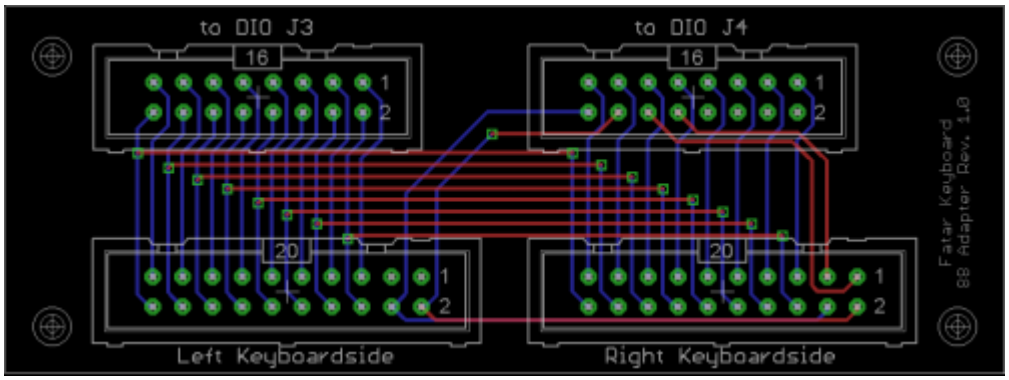
# Fantoms PCBs

On this page I will list pcb designs I made. Some are tested, some are not. I will add a note to every PCB.

## Fatar keybed adapter

This is a adapter which is made for connect a FATAR keybed directly to the DIO-matrix without soldering. The rest should be self explaining.

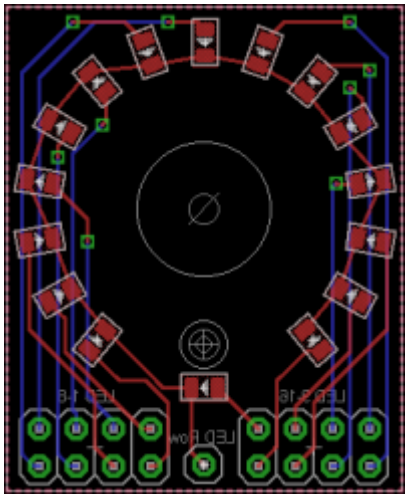
Status: **tested**
Eagle *.brd: Fatar adapter




## LED Ring

This is a LED ring which contains 15 LEDs arranged in a ring and the last LED as indication-led for the switch of an encoder. The LEDs are 0805 SMD type.

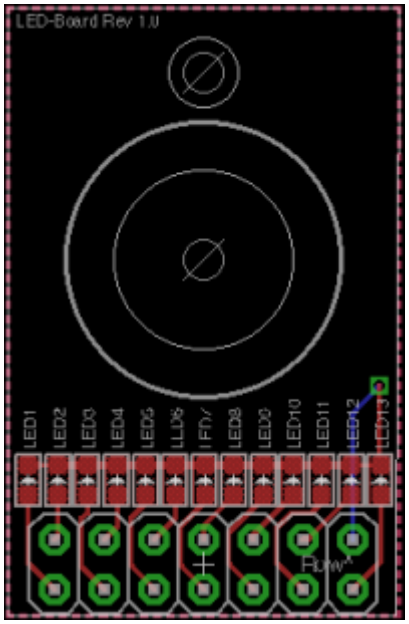
Status: **untested**
Eagle *.brd: not released yet



## LED Bar

This is a LED bar which contains 13 LEDs arranged in a bar The LEDs are 0603 SMD type.

Status: **tested**
Eagle *.brd: LED Bar

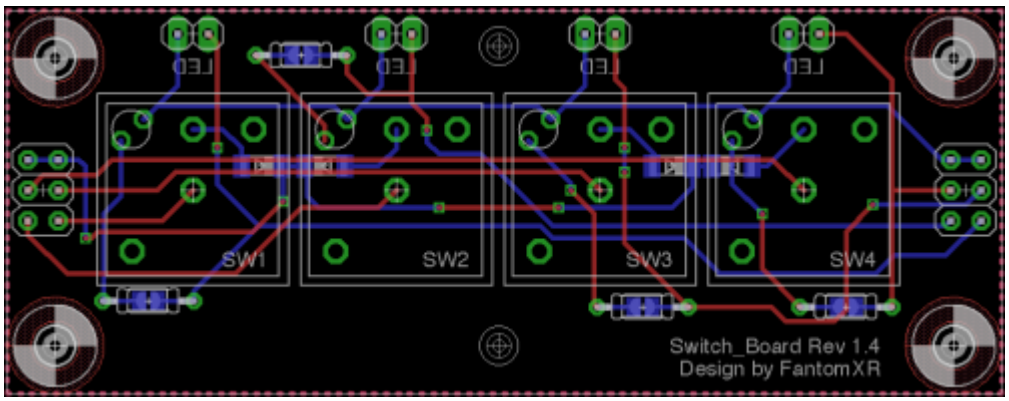



## 4x Switchboard

This is a PCB for four marquardt 6425 switches, which are available with and without LED. In case you want to connect a DIO matrix to it, I added footprints for resistors but there are solder bridges too. In any case: Either solder the solder bridge or add a resistor to get the LEDs working. I added smd diodes to connect those buttons in a matrix. In case you only need two or three switches, you can

simply cut it. I added two-pin-pinheader to every switch for connecting the LEDs. Regarding the 2x3pin header please refer to the split module.

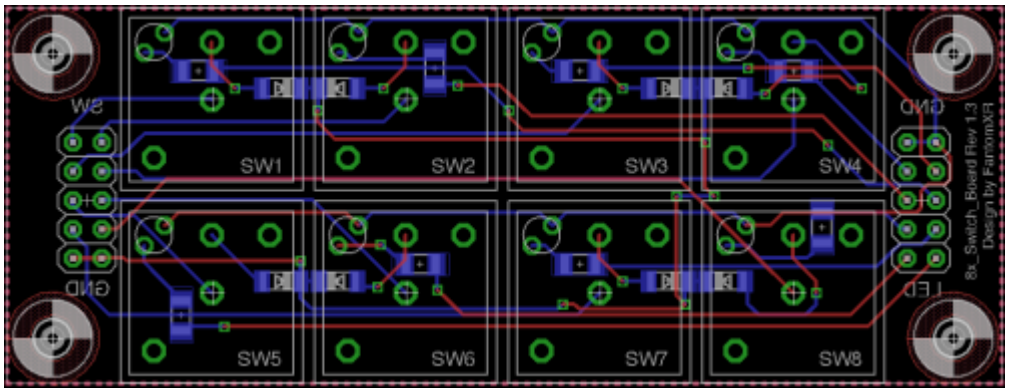
Status: **untested**
Eagle *.brd: 4x Switchboard




## 8x Switchboard

SMD resistors and diodes are used here to use this board in a matrix. If you want to connect it directly to a DIN, just bridge the soldering pads of the diode... or add a diode...

Status: **untested**
Eagle *.brd: 8x Switchboard




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