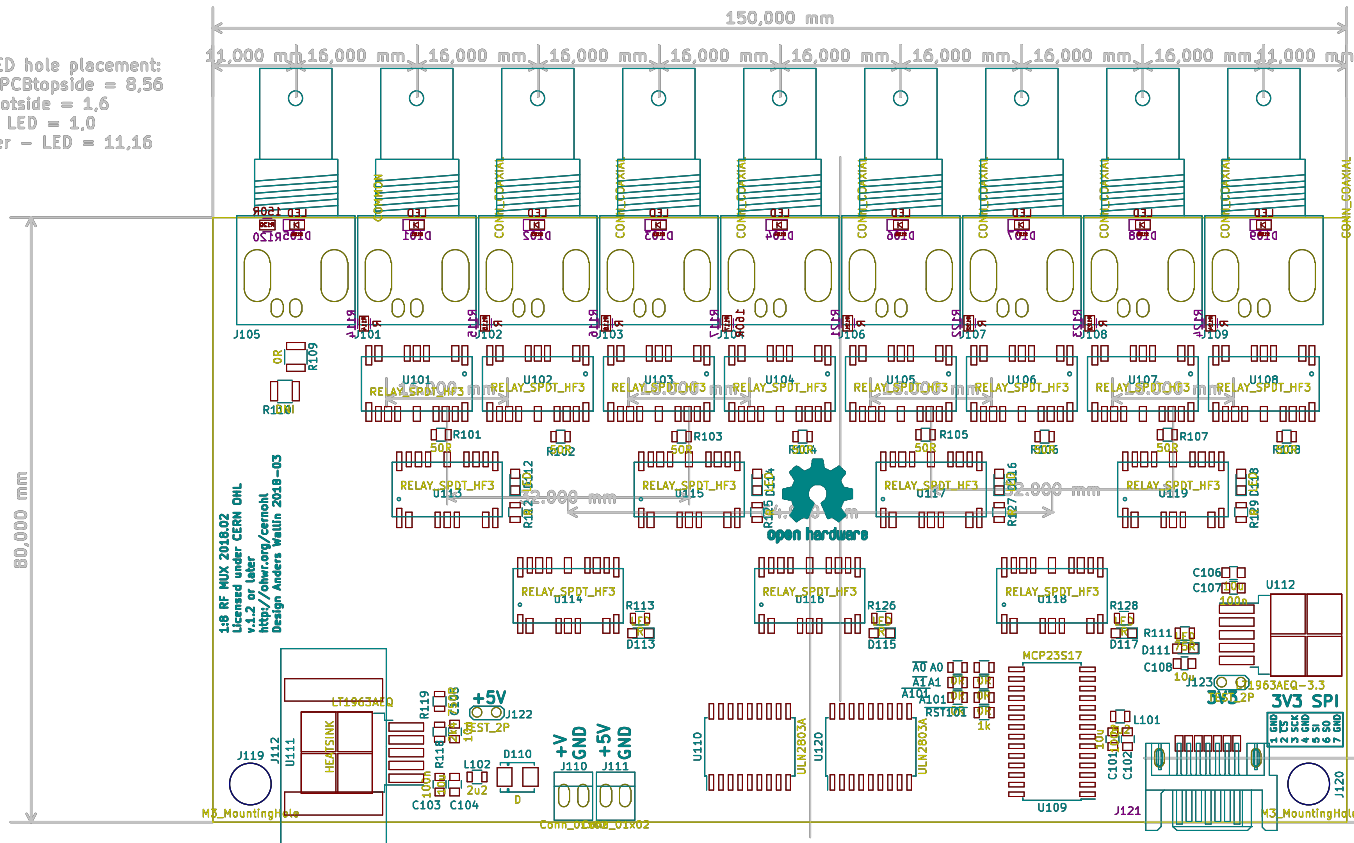


front panel LED hole placement:
 BNCcenter – PCBtopside = 8,56
 PCBtopside – botside = 1,6
 PCBbotside – LED = 1,0
 sum BNCcenter – LED = 11,16



This board controlled over SPI.

For Ethernet-control use e.g. Arduino Due with Ethernet shield.

Front panel ETH-jack e.g. Multicomp MC8533-6201

Power Supply e.g. 9V 15W AC/DC brick, XP Power EML-series Digikey 1470-2615-ND

AC Power entry connector with fuse/switch/filter e.g. Schurter DD12 series Farnell 1430802

Saturn PCB Toolkit V7.02
 Conductor Impedance
 Width 1.2 mm
 PCB Height 1.55mm FR4 ER=4.6 (w/H 0.77)
 Gap 0.2 mm
 Impedance 50.095 Ohm

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check vertical placement of LED-holes in front-panel

2018-03 redesign with 15 relays
 2018-02 prototype pcb run – BW ca. 300MHz with 8 relays
[anders.e.wallin "at" gmail.com](mailto:anders.e.wallin@atgmail.com), 2017-11

Sheet:
 File: mux_v0.kicad_pcb

Title: 1:8 RF Multiplexer – 2018.02

Size: A4	Date: 2018-02-06
KiCad E.D.A. kicad 4.0.7	Rev: 2 Id: 1/1