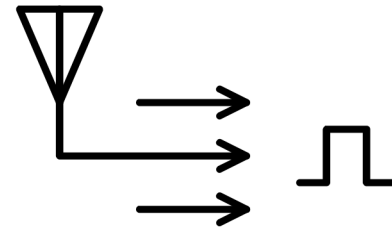


GNSS ***Firehose***



wideband digitizer

<http://pmonta.com/Firehose>

Wideband front end for GPS, GLONASS, Galileo, BeiDou

RF channel 1



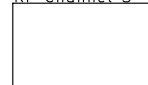
firehose_01_ch1.sch

RF Channel 2



firehose_02_ch2.sch

RF Channel 3



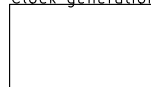
firehose_03_ch3.sch

RF Channel 4



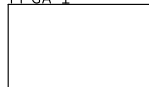
firehose_04_ch4.sch

Clock generation



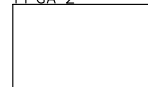
firehose_05_clock.sch

FPGA 1



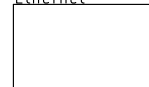
firehose_06_fpga1.sch

FPGA 2



firehose_07_fpga2.sch

Ethernet



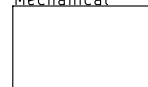
firehose_08_ethernet.sch

Power



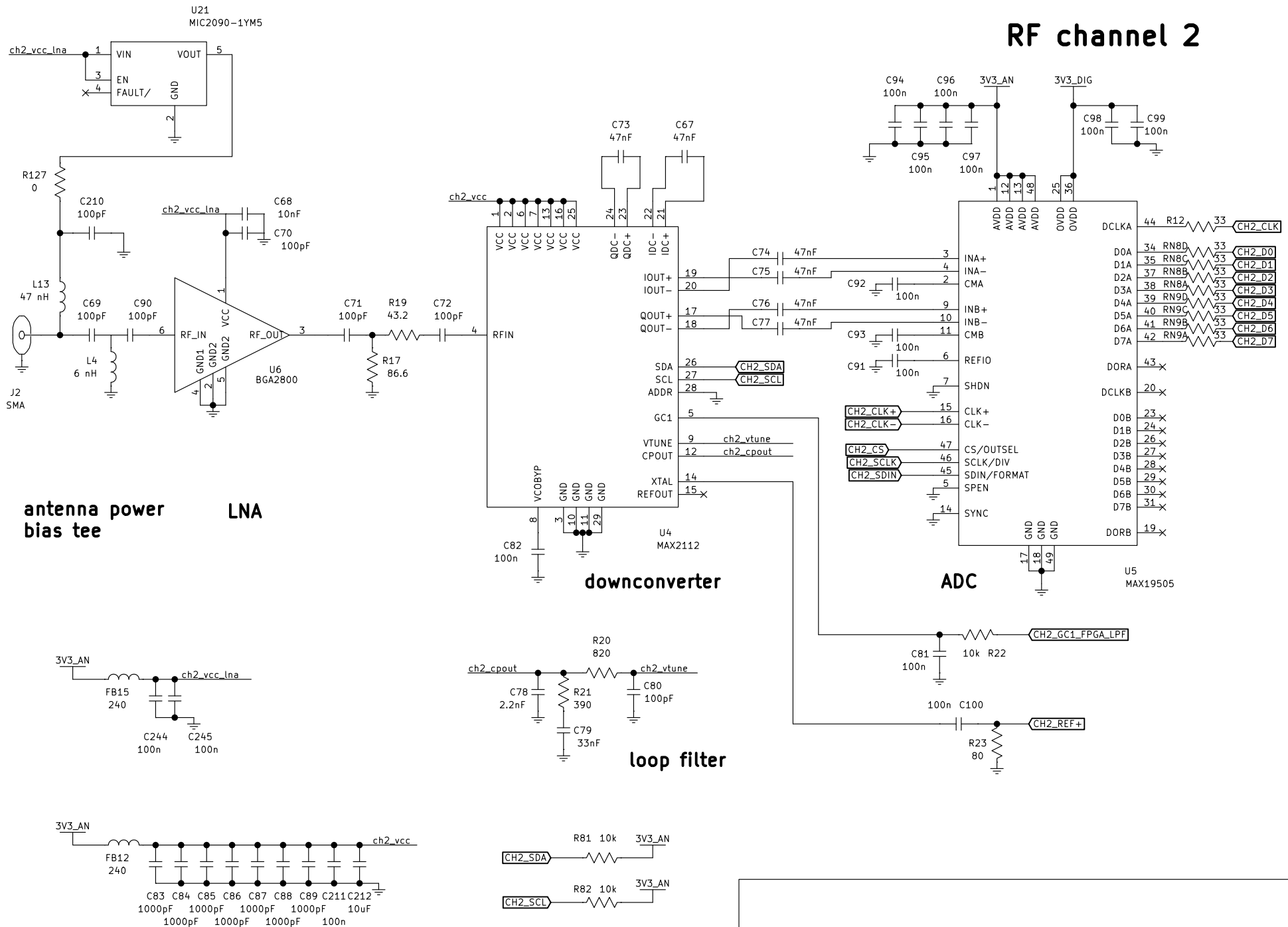
firehose_09_power.sch

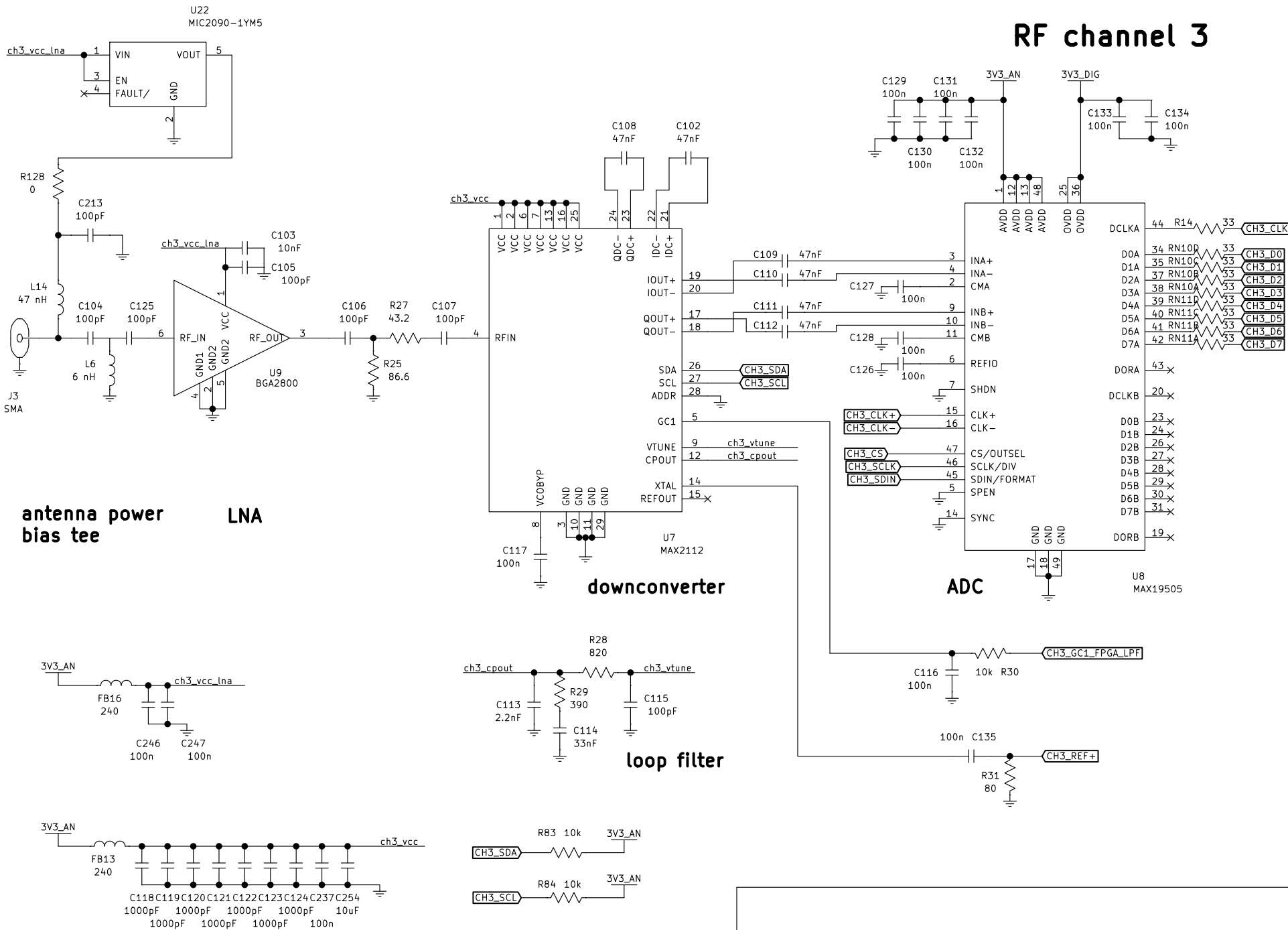
Mechanical

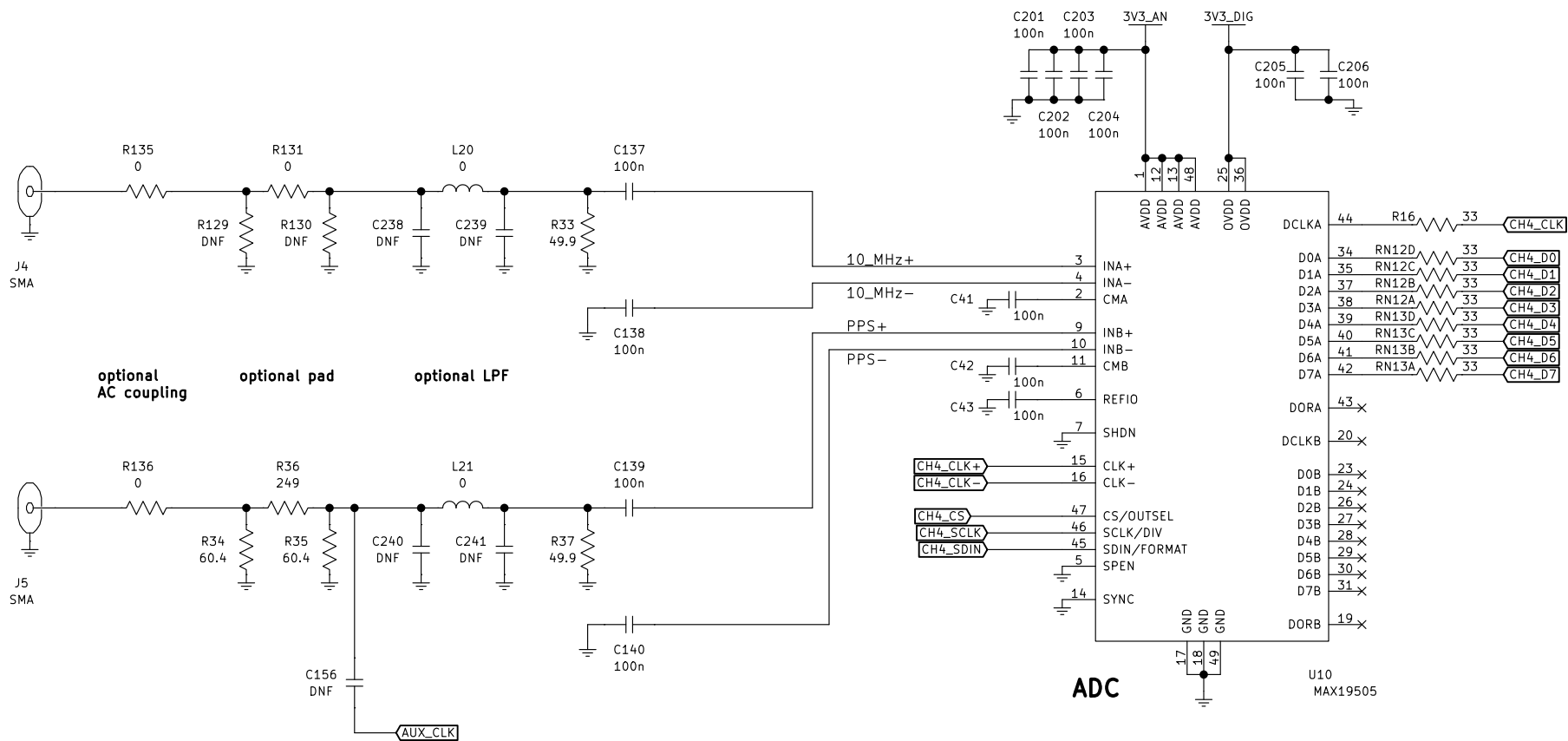


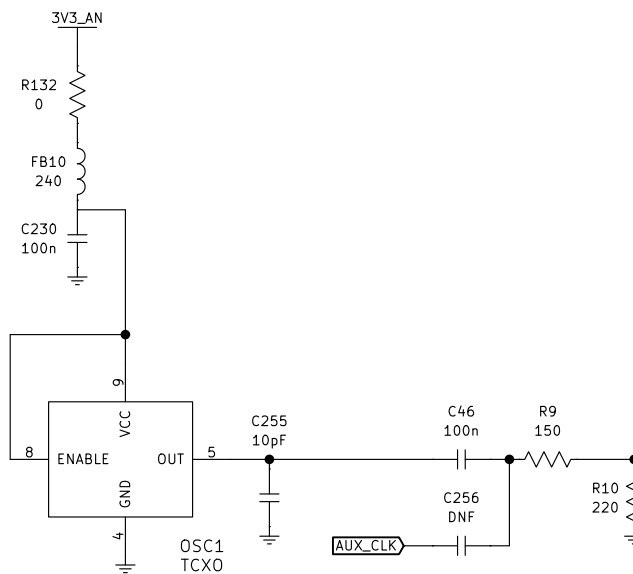
firehose_10_mechanical.sch



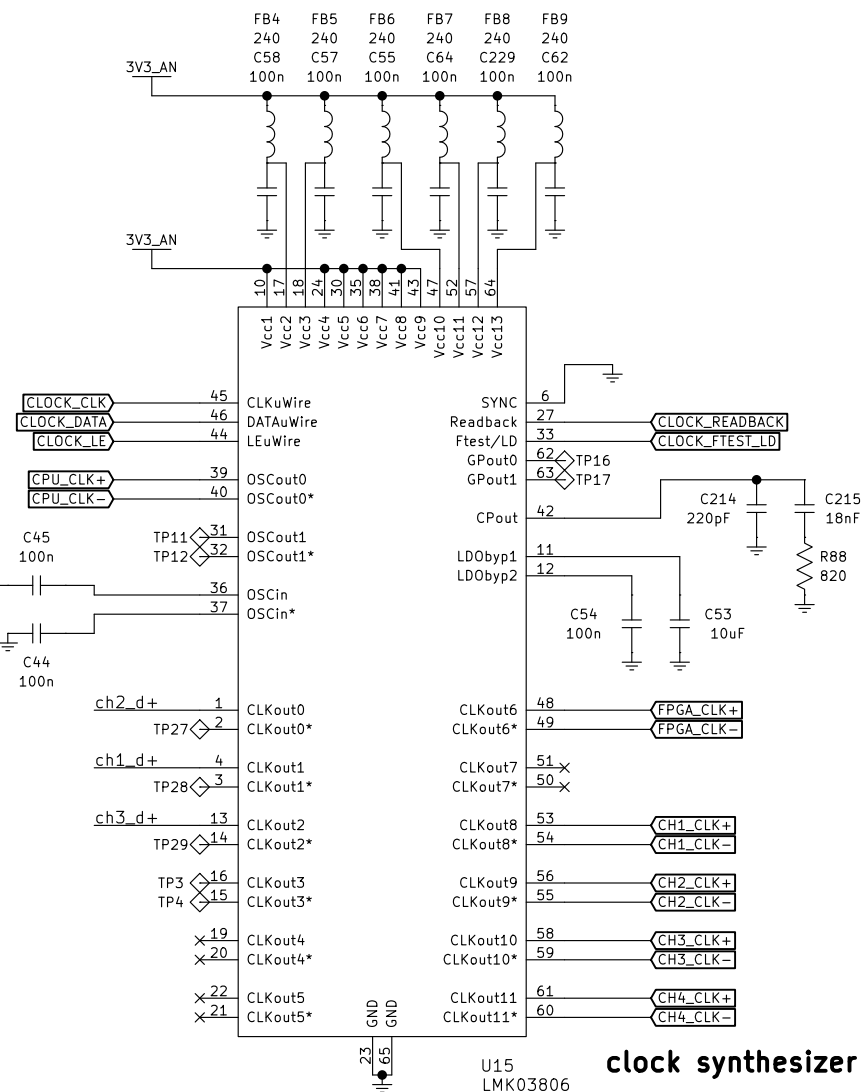
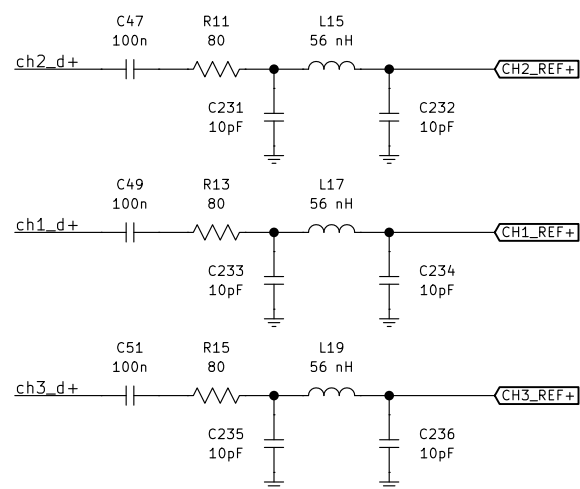




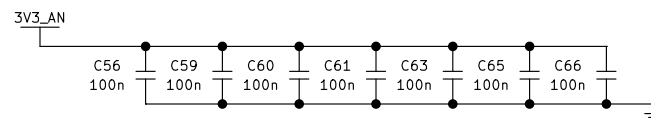


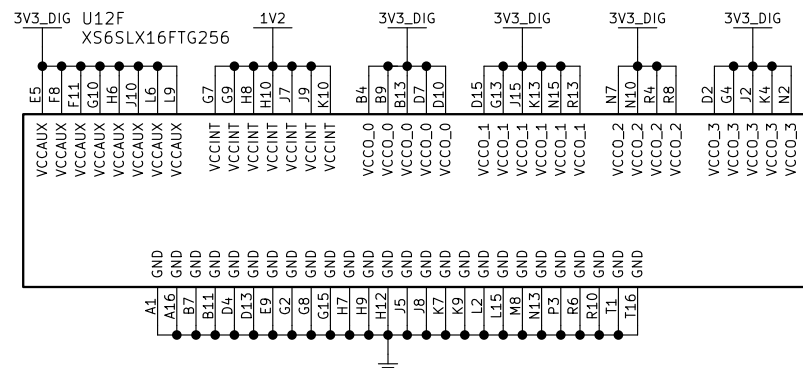
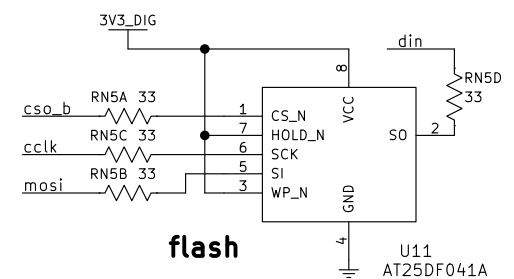
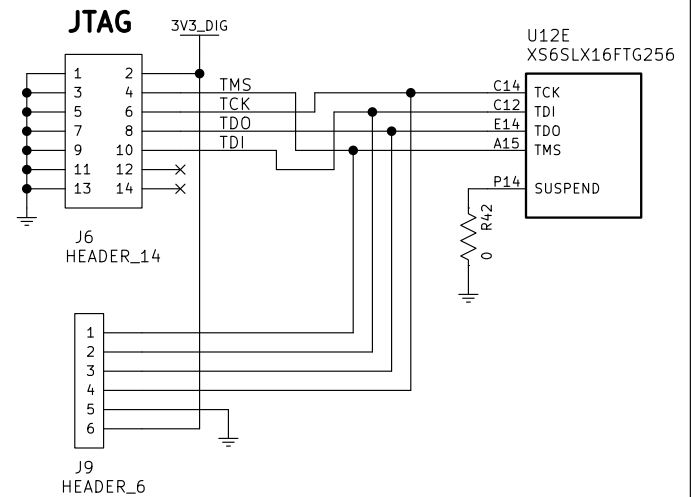
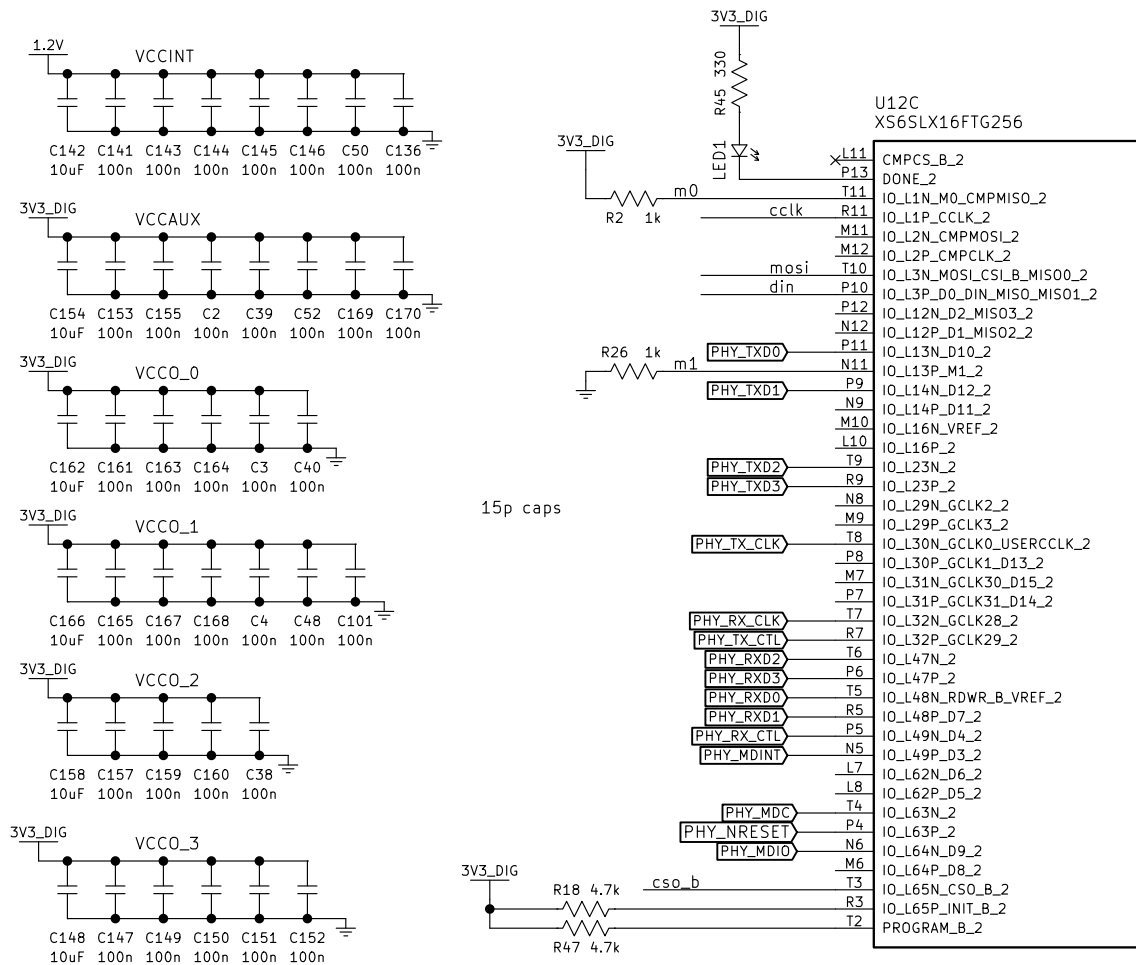


38.88 MHz TCXO

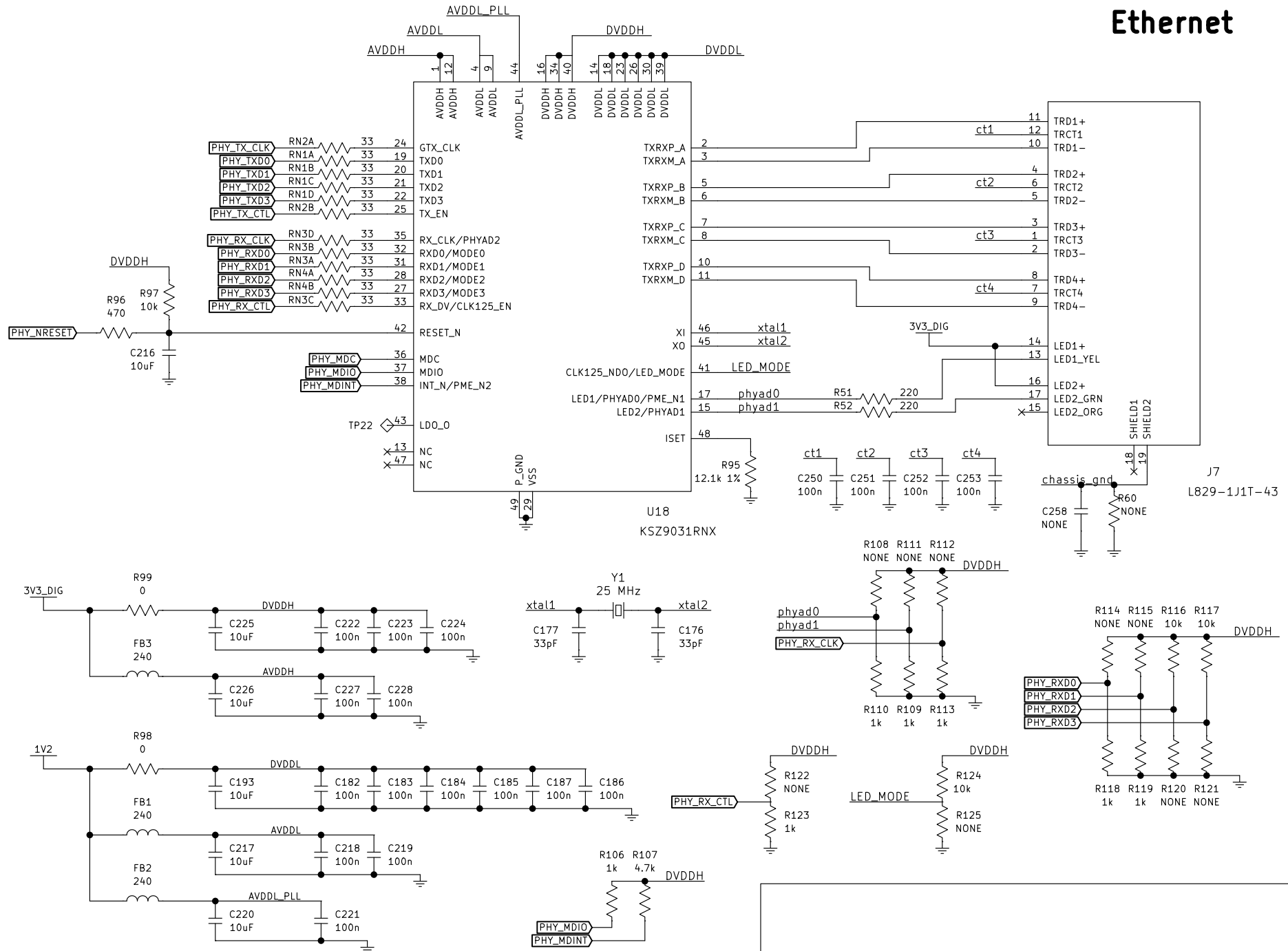


clock synthesizer

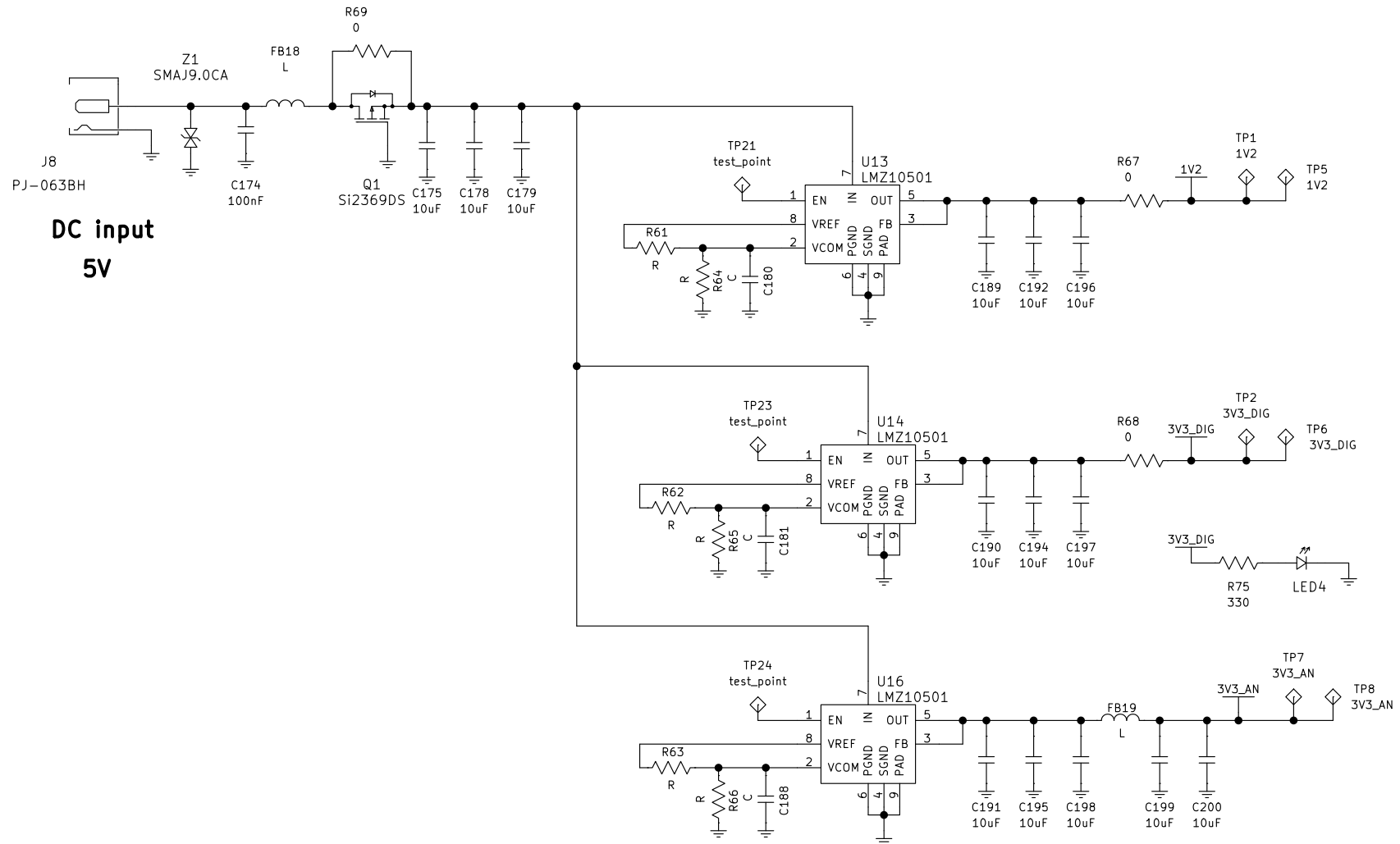




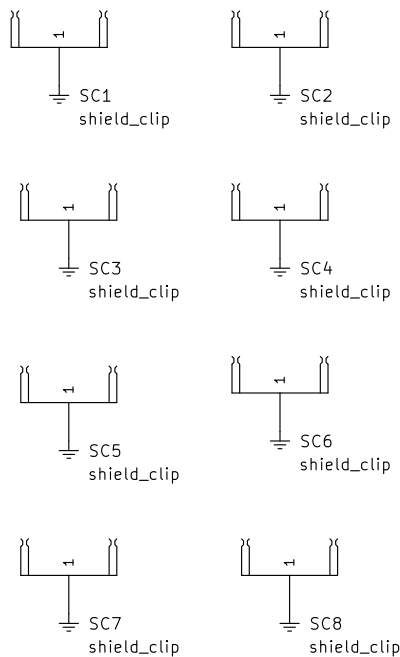
Ethernet



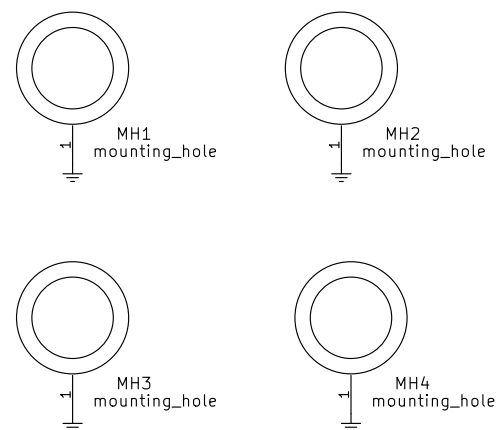
Power



Mechanical



shield clips for RF channels



mounting holes



fiducials