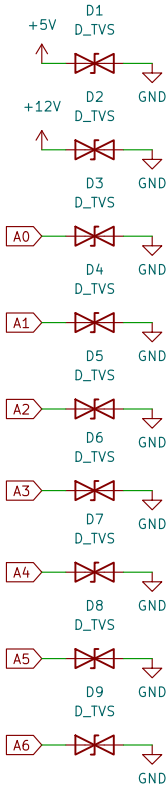
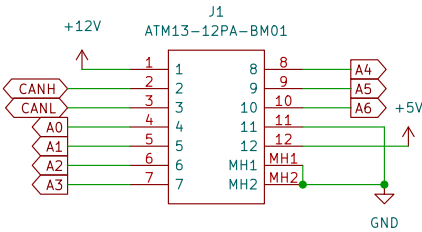
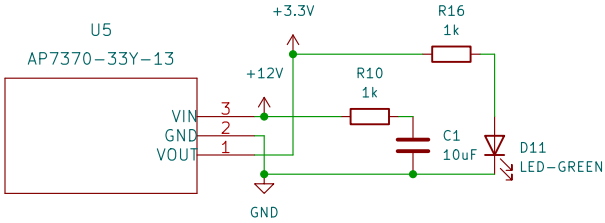


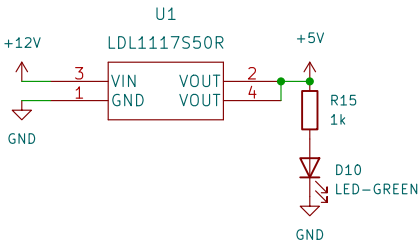
Connector
(place TVS near)



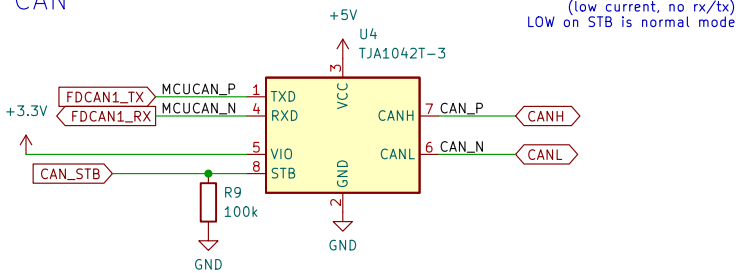
3.3V Regulator 300mA



5V Regulator 300mA

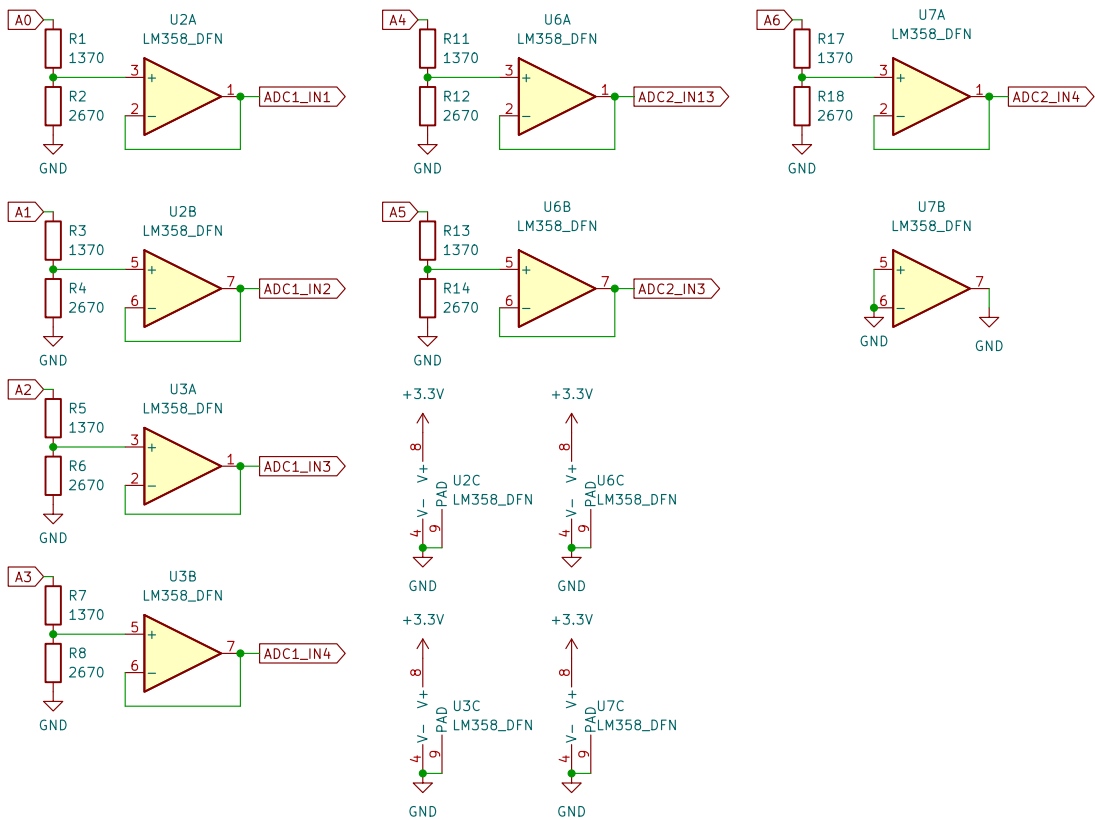


CAN

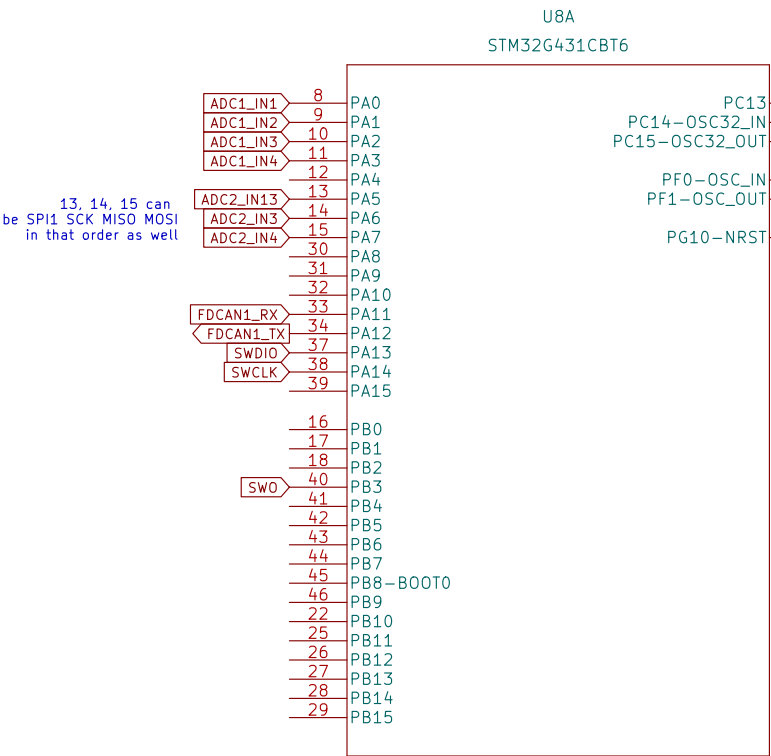


HIGH on STB is standby mode
(low current, no rx/tx)
LOW on STB is normal mode

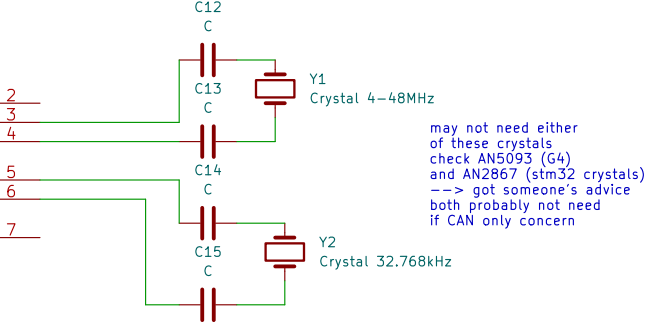
5V-3.3V & Input Buffer



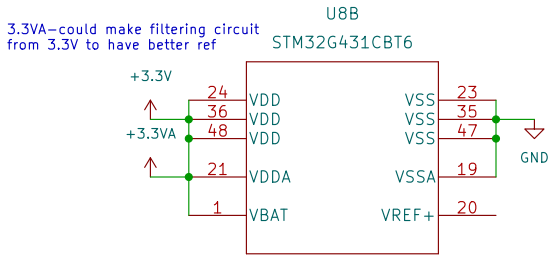
Microcontroller



13, 14, 15 can
be SPI1 SCK MISO MOSI
in that order as well

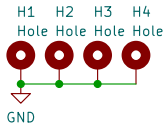
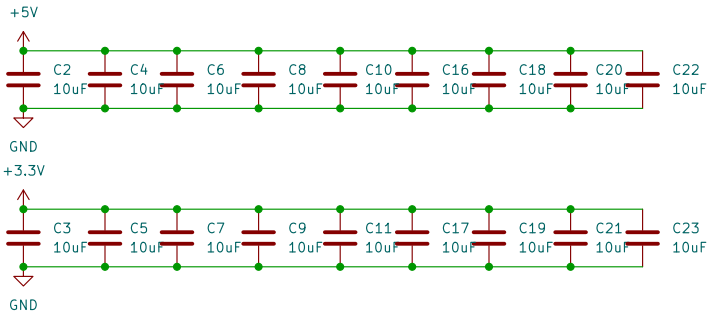


may not need either
of these crystals
check AN5093 (G4)
and AN2867 (stm32 crystals)
--> got someone's advice
both probably not need
if CAN only concern



3.3VA-could make filtering circuit
from 3.3V to have better ref

Filtering/Decoupling



TODO: Check if VBat can be left unpowered since i dont need it for this
TODO: Add JTAG/SWD connector (or holes for the push-in thing)
TODO: make mini-datasheet of which connector pins can be SPI, I2C, etc.
TODO: add ferrite beads?