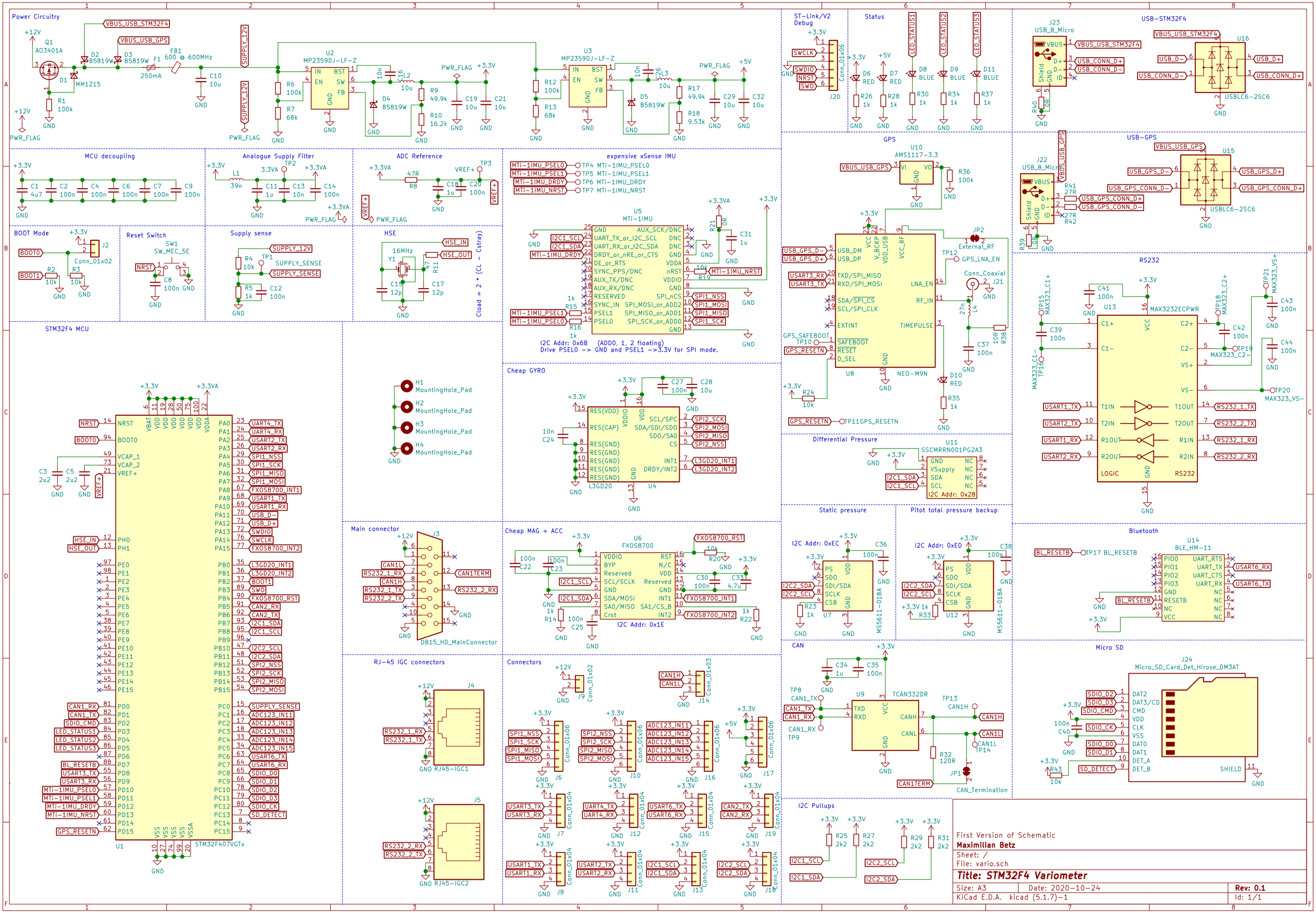
Power Circuitry
MCU decoupling
Analogue Supply Filter
ADC Reference
expensive xSense IMU
ST-Link/V2 Debug
Status
USB-STM32F4
GPS
USB-GPS
BOOT Mode
Reset Switch
Supply sense
HSE
RS232
STM32F4 MCU
Cheap GYRO
Differential Pressure
Main connector
Cheap MAG + ACC
Static pressure
Pitot total pressure backup
Bluetooth
RJ-45 IGC connectors
Connectors
CAN
Micro SD
I2C Pullups
First Version of Schematic
Maximilian Betz
Sheet: /
File: vario.sch
Title: STM32F4 Variometer
Size: A3
Date: 2020-10-24
Rev: 0.1
KiCad E.D.A. kicad (5.1.7)-1
Id: 1/1