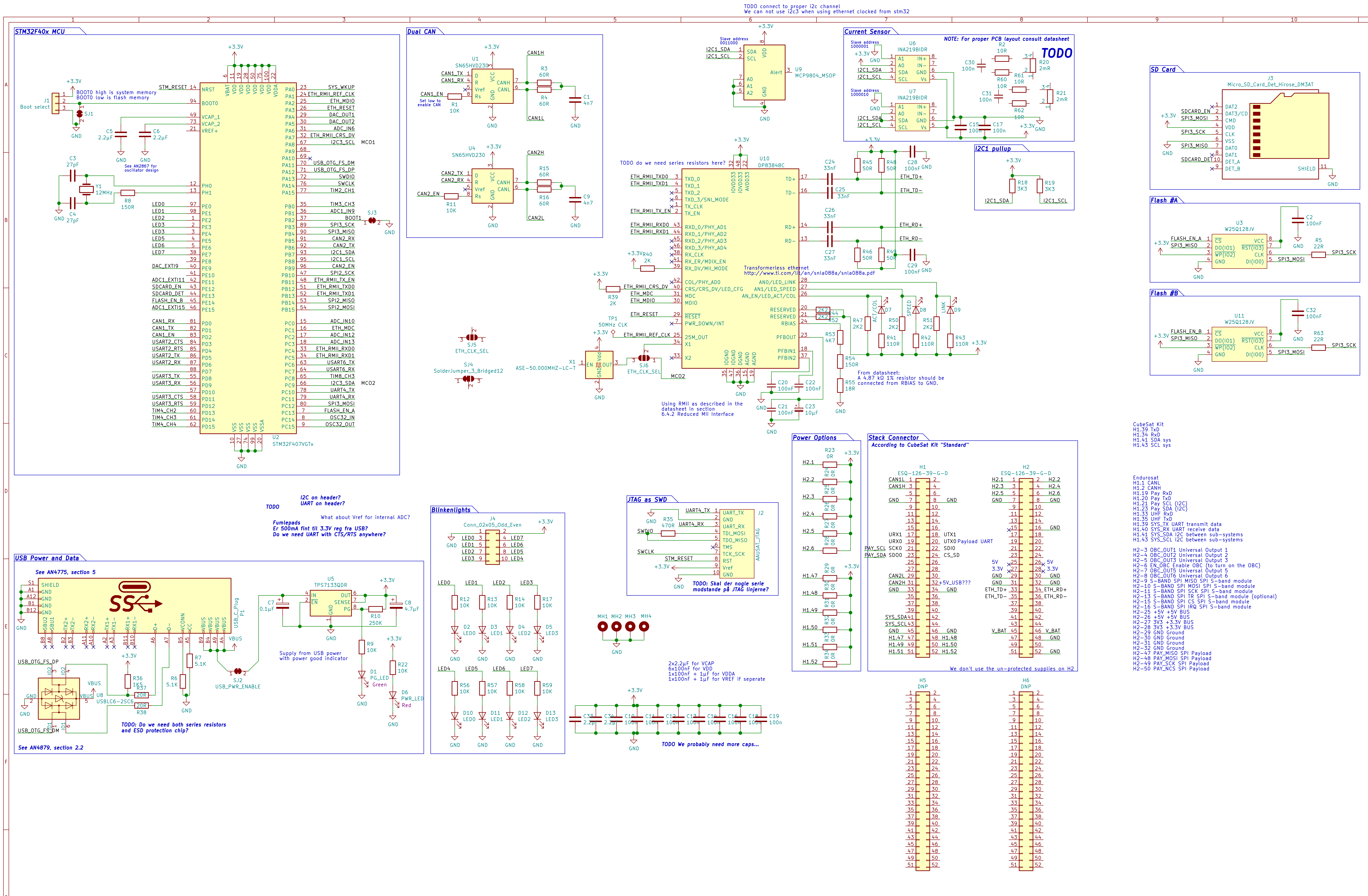

CubeSat Kit
H1.39 TxD
H1.34 RxD
H1.41 SDA sys
H1.43 SCL sys

Endurosat
H1.1 CANL
H1.2 CANH
H1.19 Pay RxD
H1.20 Pay TxD
H1.21 Pay SCL (I2C)
H1.23 Pay SDA (I2C)
H1.33 UHF RxD
H1.35 UHF TxD
H1.39 SYS_TX UART transmit data
H1.40 SYS_RX UART receive data
H1.41 SYS_SDA I2C between sub-systems
H1.43 SYS_SCL I2C between sub-systems

H2-3 OBC_OUT1 Universal Output 1
H2-4 OBC_OUT2 Universal Output 2
H2-5 OBC_OUT3 Universal Output 3
H2-6 EN_OBC Enable OBC (to turn on the OBC)
H2-7 OBC_OUT5 Universal Output 5
H2-8 OBC_OUT6 Universal Output 6
H2-9 S-BAND SPI MISO SPI S-band module
H2-10 S-BAND SPI MOSI SPI S-band module
H2-11 S-BAND SPI SCK SPI S-band module
H2-13 S-BAND SPI TR SPI S-band module (optional)
H2-15 S-BAND SPI CS SPI S-band module
H2-16 S-BAND SPI IRQ SPI S-band module
H2-25 +5V +5V BUS
H2-26 +5V +5V BUS
H2-27 3V3 +3.3V BUS
H2-28 3V3 +3.3V BUS
H2-29 GND Ground
H2-30 GND Ground
H2-31 GND Ground
H2-32 GND Ground
H2-47 PAY_MISO SPI Payload
H2-48 PAY_MOSI SPI Payload
H2-49 PAY_SCK SPI Payload
H2-50 PAY_NCS SPI Payload

Nick Østergaard
AAUSAT
Sheet: /
File: stmtest.sch
Title: AAUSAT6 STM32F407 generic dev board
Size: A2 Date: 2018-09-25 **Rev: 1**
KiCad E.D.A. kicad (5.0.1-dev-152-gf591f8741) Id: 1/1