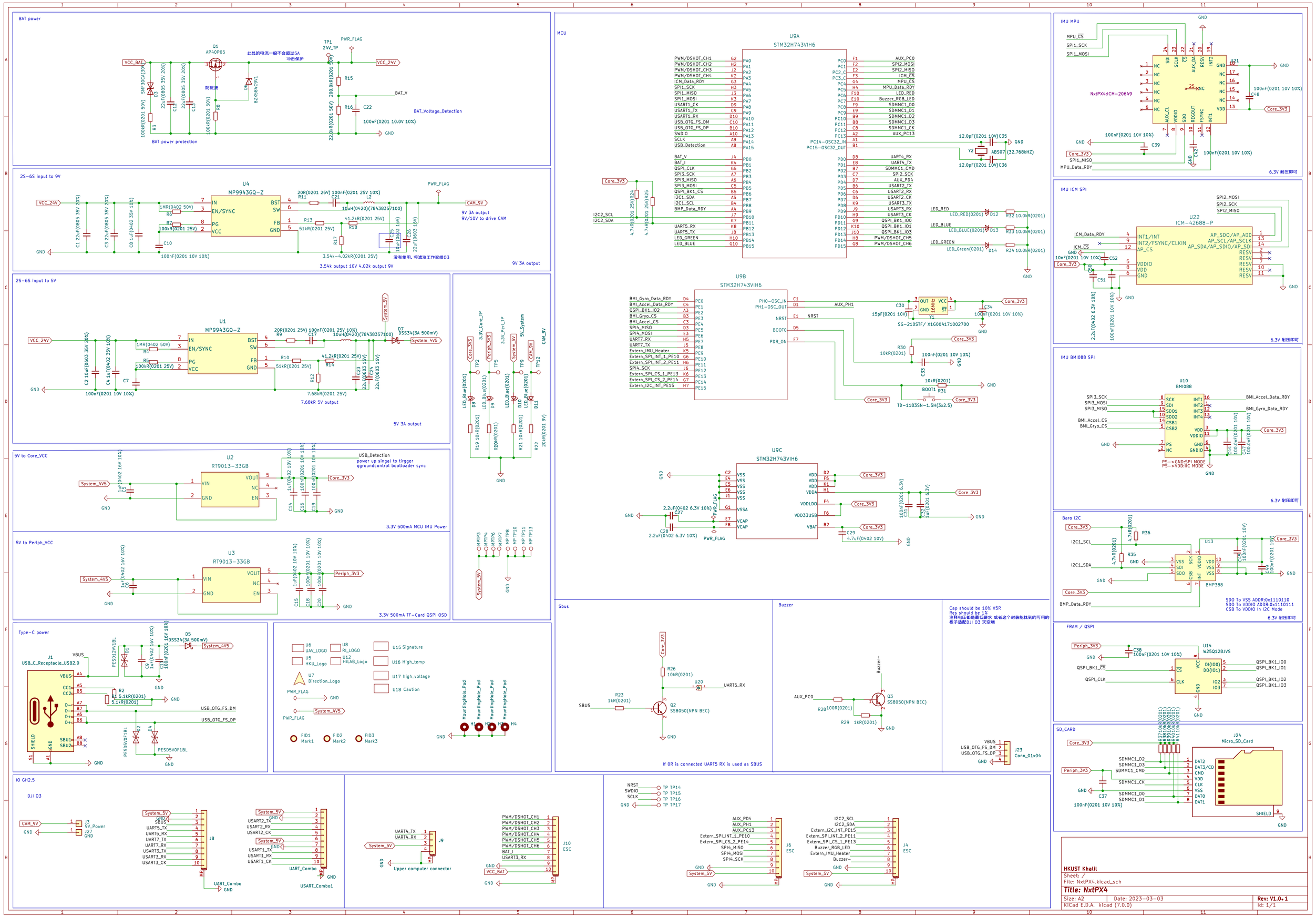
BAT power
BAT power protection
BAT_Voltage_Detection
2S-6S input to 9V
9V 3A output
2S-6S input to 5V
5V 3A output
5V to Core_VCC
3.3V 500mA MCU IMU Power
5V to Periph_VCC
3.3V 500mA TF-Card QSPI OSD
Type-C power
IO GH2.5
DJI O3
MCU
U9A
STM32H743VIH6
U9B
STM32H743VIH6
U9C
STM32H743VIH6
IMU MPU
IMU ICM SPI
IMU BMI088 SPI
Baro I2C
FRAM / QSPI
SD_CARD
Sbus
Buzzer
HKUST Khalil
Sheet: /
File: NxtPX4.kicad_sch
Title: NxtPX4
Size: A2
Date: 2023-03-03
Rev: V1.0.1
KiCad E.D.A. kicad (7.0.0)
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