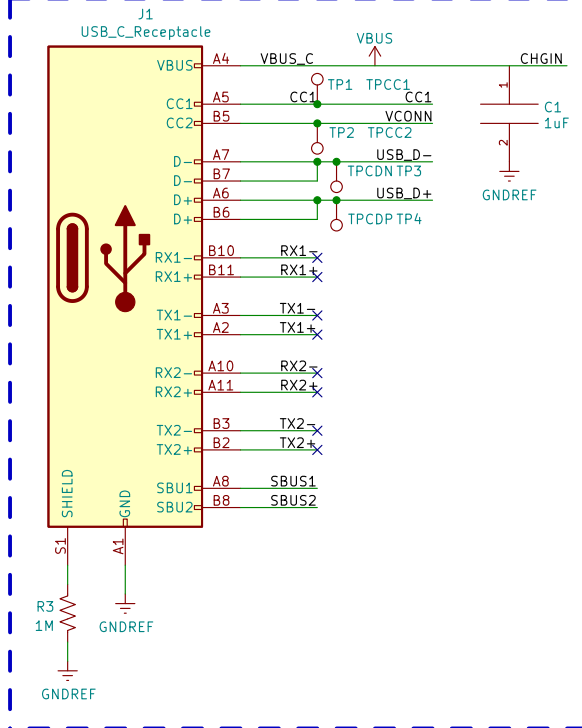
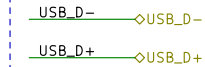


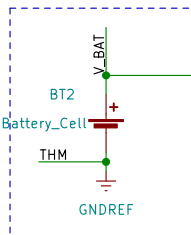
POWER OVER USB C CONNECTOR



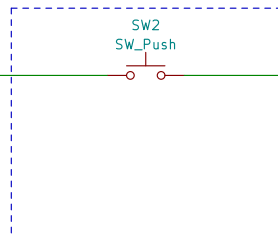
USB OTG INTERFACE
(NO. INTER. IC NEEDED)



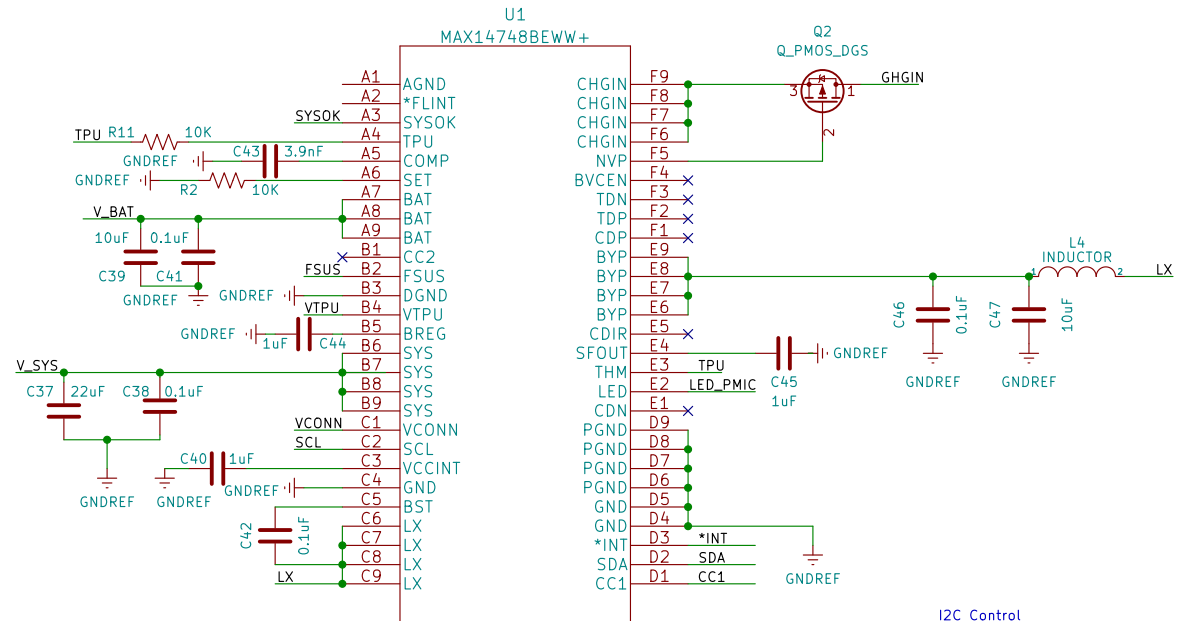
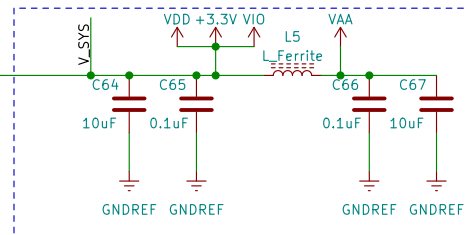
V_BAT structure



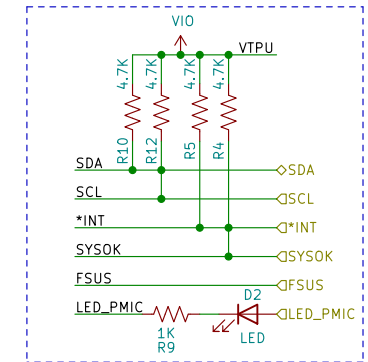
Power ON/OFF Switch



Power rail configuration, power drawn from V_SYS
VDD&VIO same power rail technically



I2C Control



Sheet: /Power Supply/
File: Power_Supply.kicad_sch

Title:

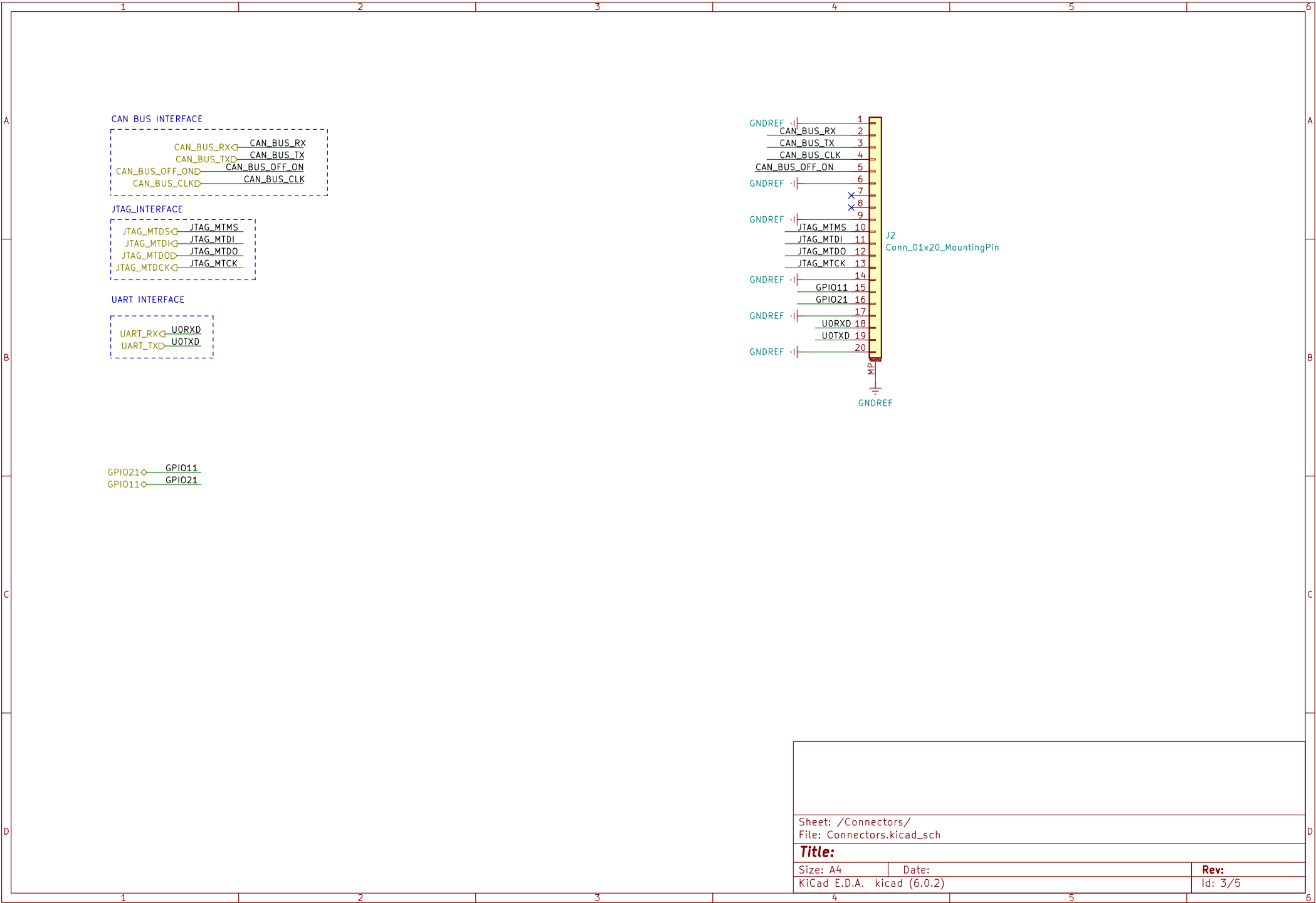
Size: A4

Date:

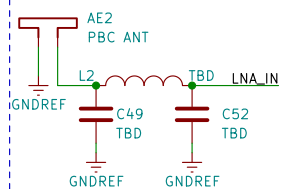
KiCad E.D.A. kicad (6.0.2)

Rev:

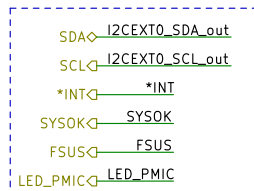
Id: 2/5



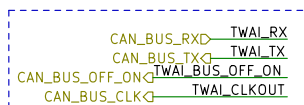
PCB ANTENNA



I2C interface for battery charger



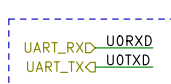
CAN BUS INTERFACE



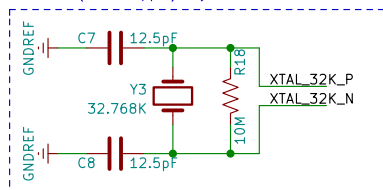
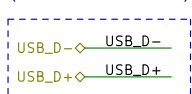
JTAG INTERFACE



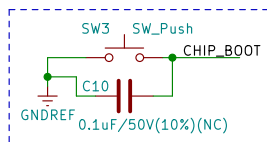
UART INTERFACE



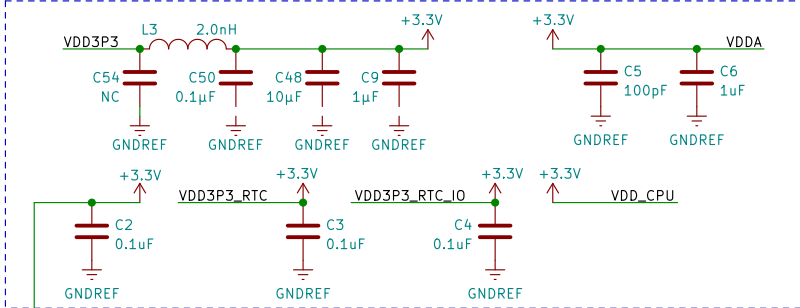
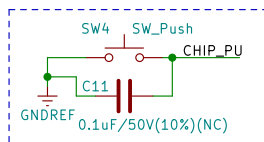
32.768K (+/- 20 ppm) Crystal oscillator

USB OTG INTERFACE
(NO INTERM. IC NEEDED)

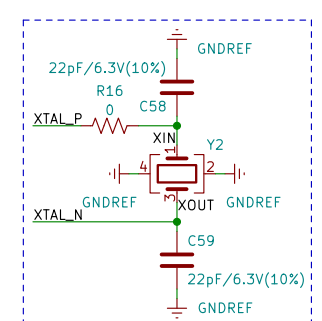
Microcontroller BOOT button



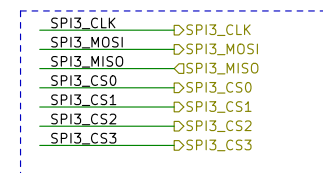
Microcontroller Power-up (UP) button



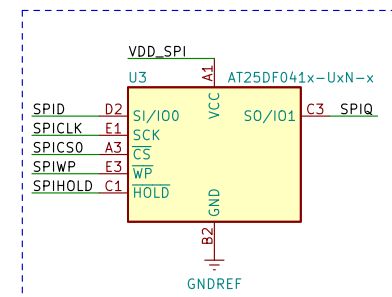
MICROCONTROLLER POWER INPUTS

MICROCONTROLLER CRYSTAL FOR SYSCLK
40 MHz (+/- 10 ppm)

PROBES SPI INTERFACE



SPI MEMORY INTERFACE

Sheet: /Microcontroller/
File: microcontroller.kicad_sch

Title:

Size: A4
KiCad E.D.A. kicad (6.0.2)

Date:

Rev:

Id: 4/5

