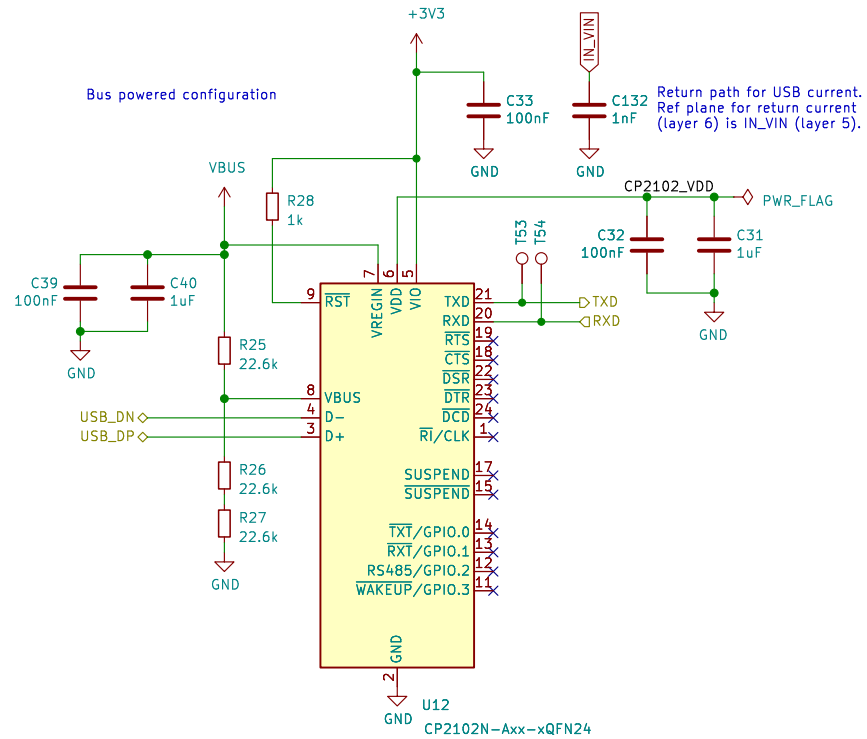


Sheet: /SDcard/  
File: \_sdcard.kicad\_sch

**Title:**

Size: A4  
KiCad E.D.A. kicad 6.99.0-1.20221101gitf80c150.fc36

Date:  
Id: 4/9



Sheet: /USB-UART bridge/  
File: \_usb-serial.kicad\_sch

**Title:**

Size: A4

Date:

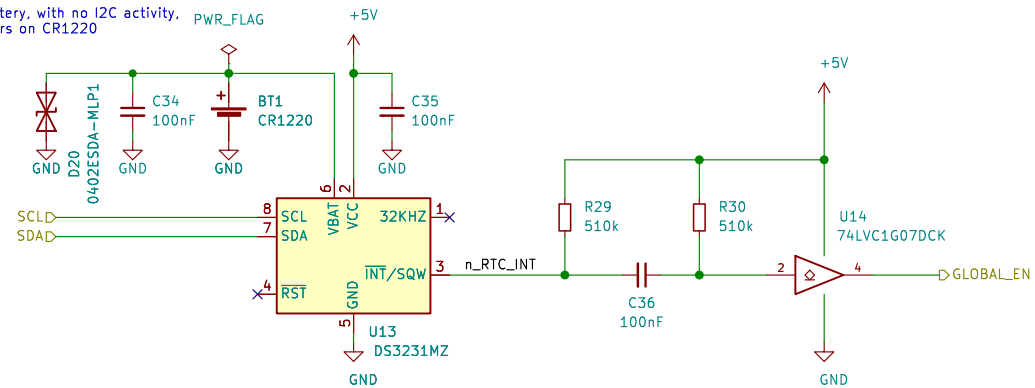
KiCad E.D.A. kicad 6.99.0-1.20221101gitf80c150.fc36

Rev:

Id: 5/9

Normally run from 5V because 3.3V is off when Pi is sleeping

Running only on battery, with no I2C activity, PWR\_FLAG  
I<sub>batt</sub> = 2uA = 2 years on CR1220



Generates a pulse in the 10's of ms range.  
GLOBAL\_EN requires minimum pulse of 1ms to start the CM4

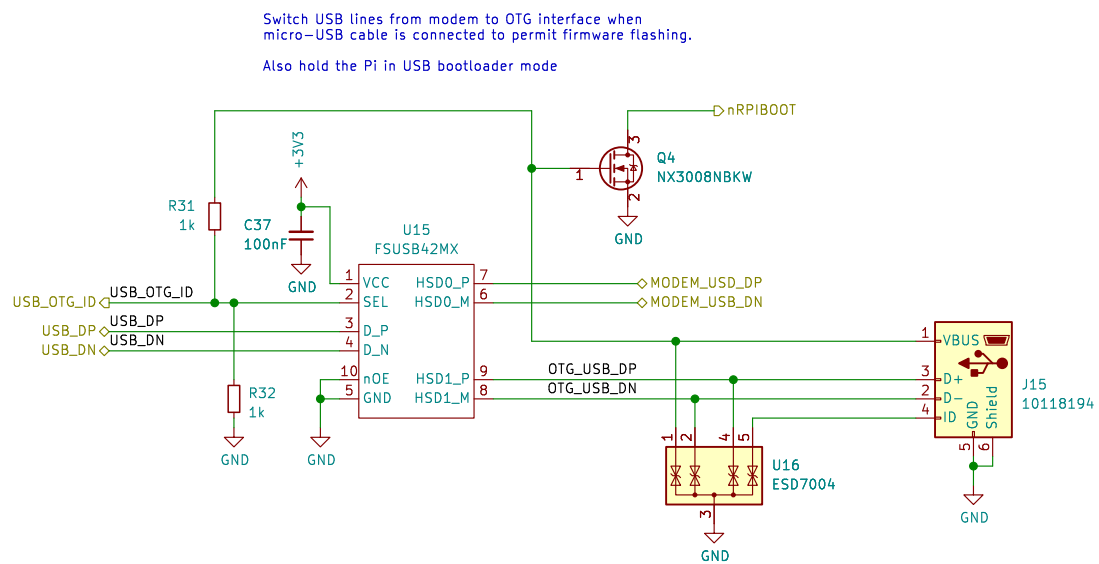
Sheet: /RTC/  
File: \_rtc.kicad\_sch

**Title:**

Size: A4  
KiCad E.D.A. kicad 6.99.0-1.20221101gitf80c150.fc36

Date:

Rev:  
Id: 6/9



ID not used, but connected to TVS just in case

Sheet: /USB-OTG flashing interface/  
File: \_usb\_otg.kicad\_sch

**Title:**

Size: A4

Date:

KiCad E.D.A. kicad 6.99.0-1.20221101gitf80c150.fc36

Rev:

Id: 7/9

