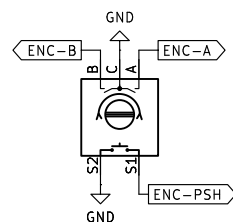
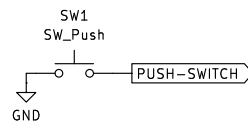
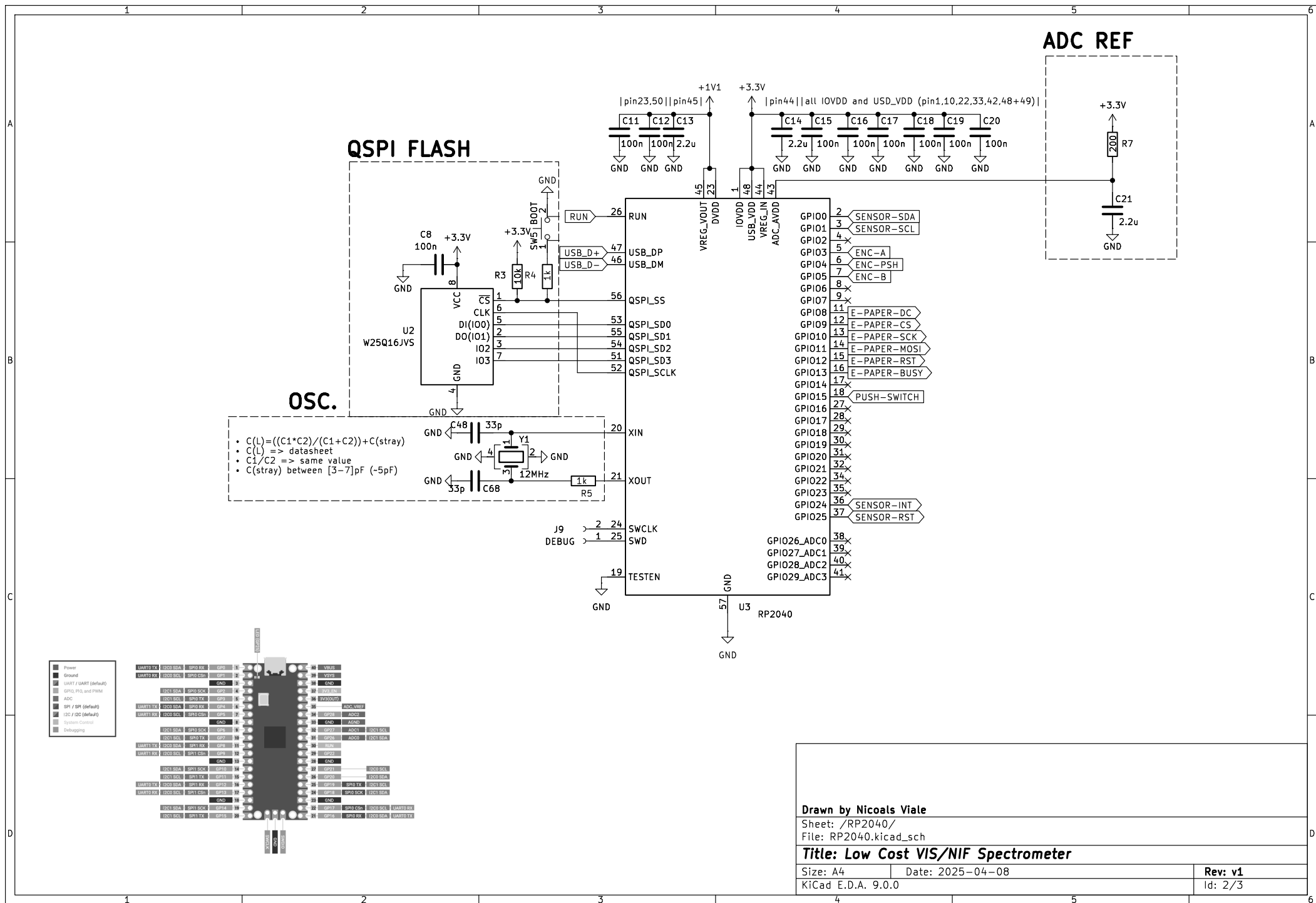


RP2040



ENCODER & BUTTON

i	P1		wP1	BCN
P_3V3	3V3	5V	RPI 5V	
P_SDA	SDA1	5V	GND	
P_SCL	SCL1	GND	GND	
P_TX	TXD1	P_TX	P_TX	15
P_RX	RXD1	P_RX	P_RX	15
P_GND	GND	RXD1	P18	1
P_GND	GND	RXD1	P18	1
P27	GPI02	GND	P27	4
P23	GPI02	GND	P23	23
P_P_V1	GPI03	GPI04	P_V1	5
P_MISO	MISO1	GND	P_MISO	6
P_MOSI	MOSI1	GND	P_MOSI	8
P_SCLK	SCLK1	GND	P_SCLK	10
P_CS	CS1	GND	P_CS	11
P_GND	GND	CE1	P_GND	7
P_SDA0	SDA0	GND	P_SDA	26
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Drawn by Nicoals Viale

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File: RP2040.kicad_sch

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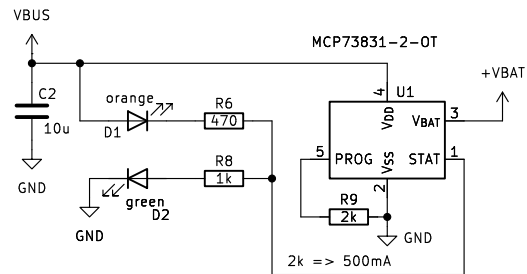
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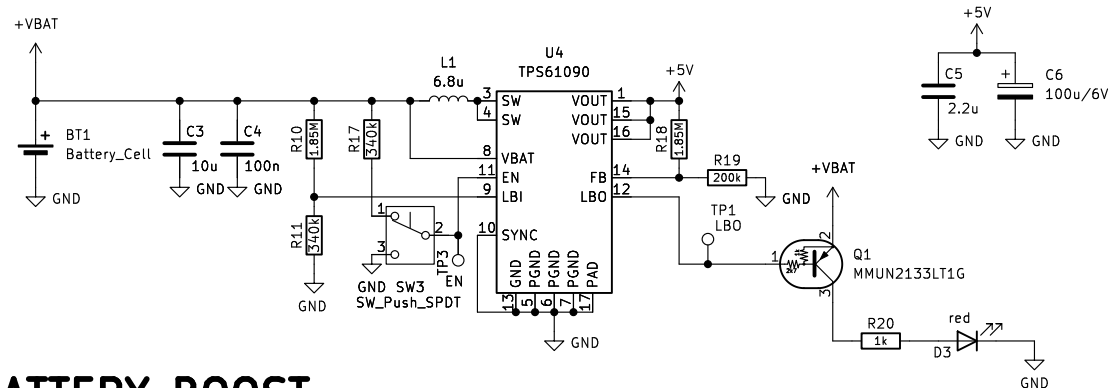
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Rev: v1

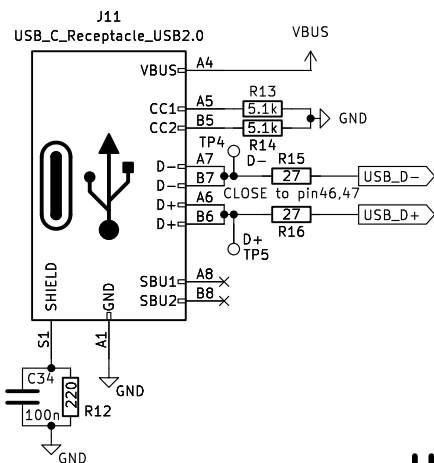
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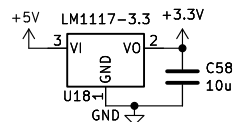
BATTERY CHARGER



BATTERY BOOST



USB-C



3.3V REG

Drawn by Nicolas Viale

Sheet: /POWER/

File: POWER.kicad_sch

Title: Low Cost VIS/NIF Spectrometer

Size: A4

Date: 2025-04-08

Rev: v1

KiCad E.D.A. 9.0.0

Id: 3/3