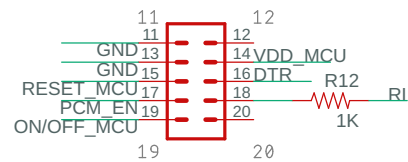
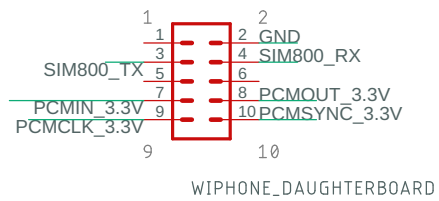
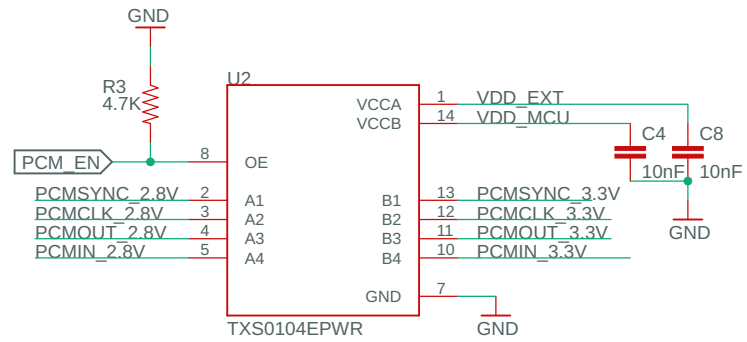
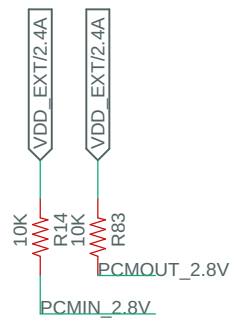
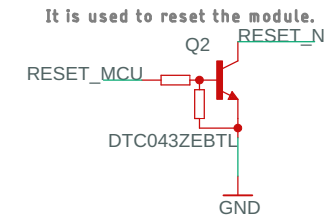
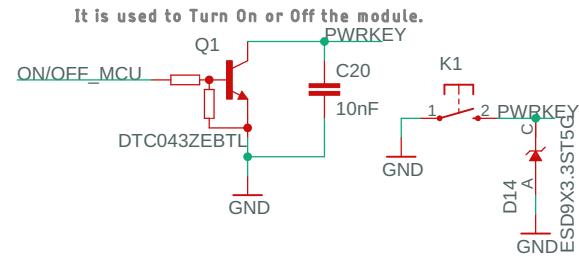


PIN #	ESP32 I/O	Arduino	Function
1	5V	38 (Input Only)	No Connection
3	GPIO138	I2C_SCL	TXD_SIM800
5	GPIO25	I2C_SDA	No Connection
7	GPIO12	12	PCM_IN
9	GPIO27	27	PCM_CLK

PIN #	ESP32 I/O	Arduino	Function
2	GND	32	GND
4	GPIO32	RXD_SIM800	TXD_SIM800
6	GPIO15	I2C_SDA	No Connection
8	GPIO13	13	PCM_OUT
10	GPIO14	14	PCM_SYNC

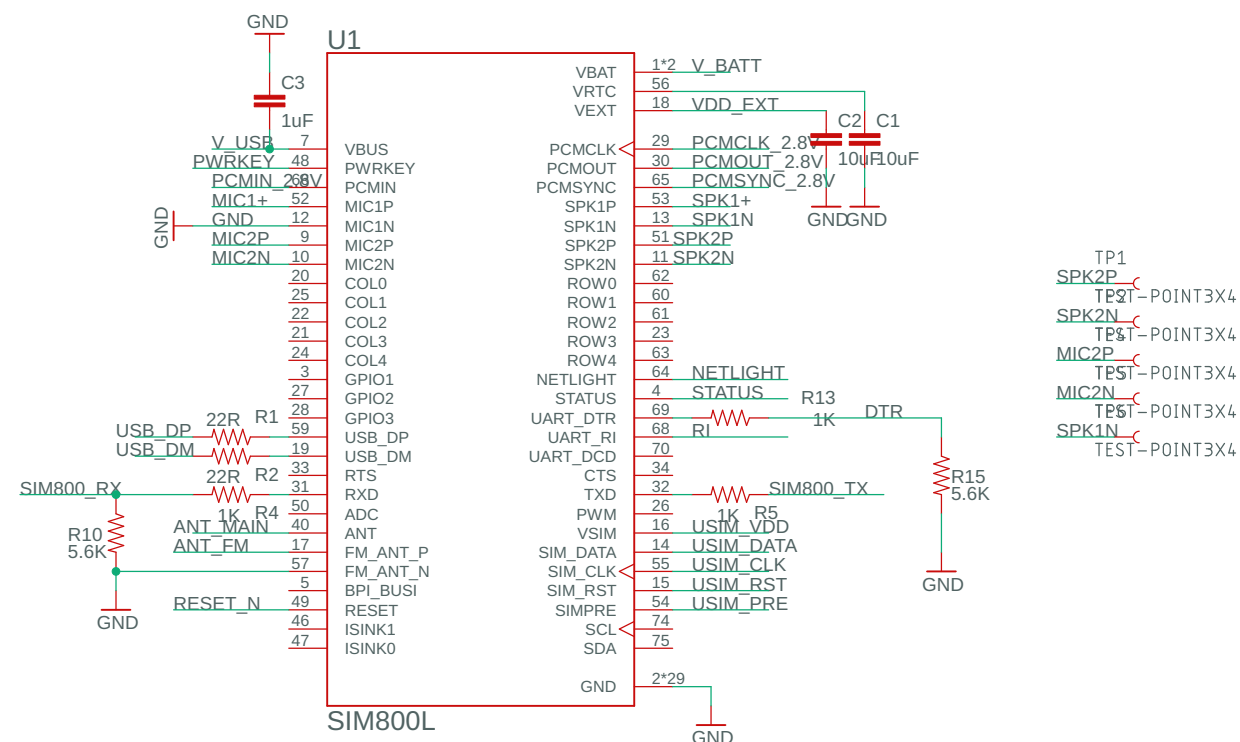
PIN #	SX1509 IO	Arduino	Function
11	GND		GND
13	GND		GND
15	I010	EXTENDER_PIN(10)	RESET
17	I012	EXTENDER_PIN(12)	PCM EN
19	I014	EXTENDER_PIN(14)	ON/OFF

PIN #	SX1509 IO	Arduino	Function
12	VBAT		No Connection
14	3.3V		3.3V Logic Power
16	I011	EXTENDER_PIN(11)	DTR
18	I013	EXTENDER_PIN(13)	Ring indicator
20	I015	EXTENDER_PIN(15)	No Connection

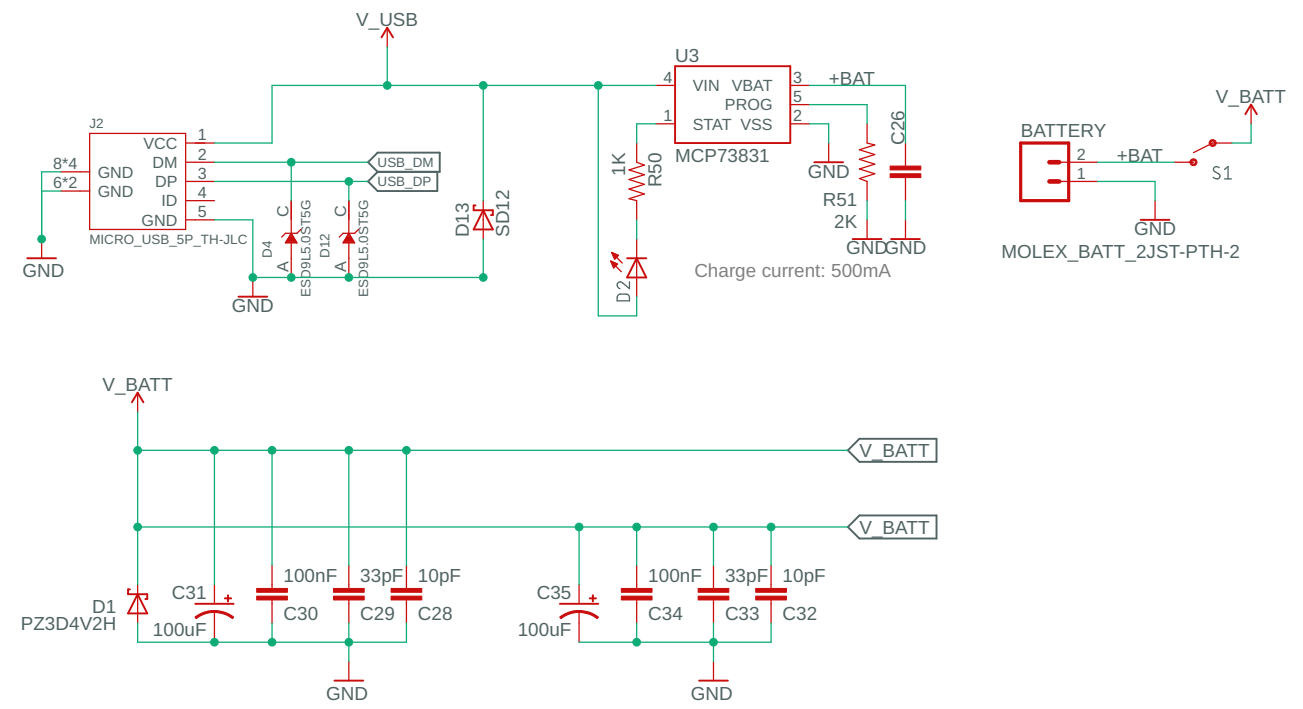


INFO:
2G_DaughterBoard-v1.1
08/08/2024 11:17 am
Sheet: 1/2

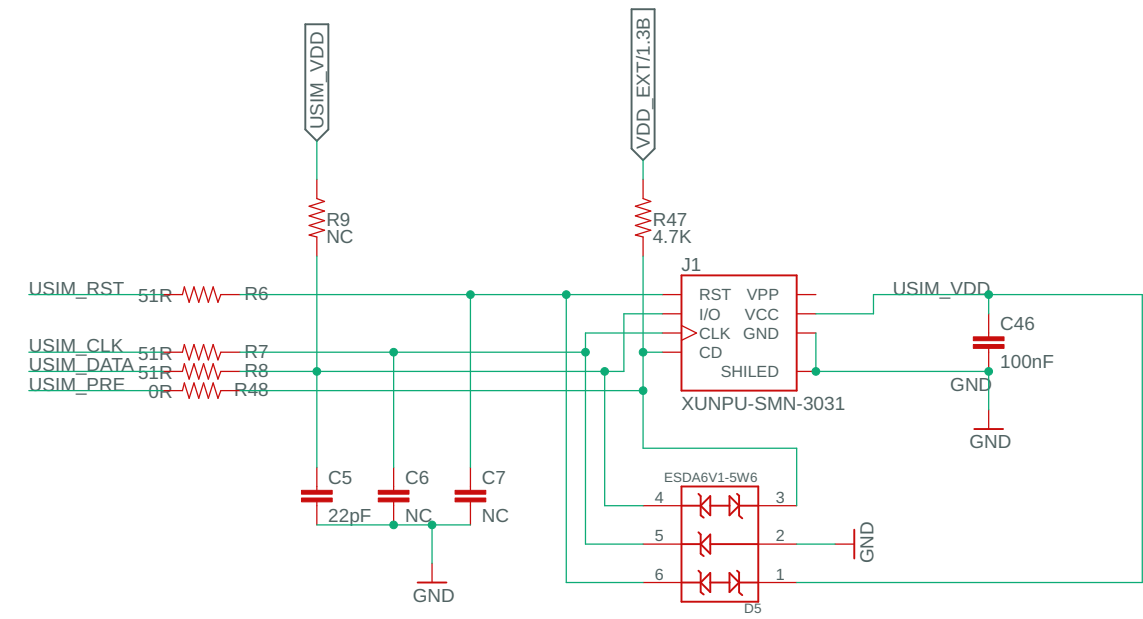
SIM800L/H



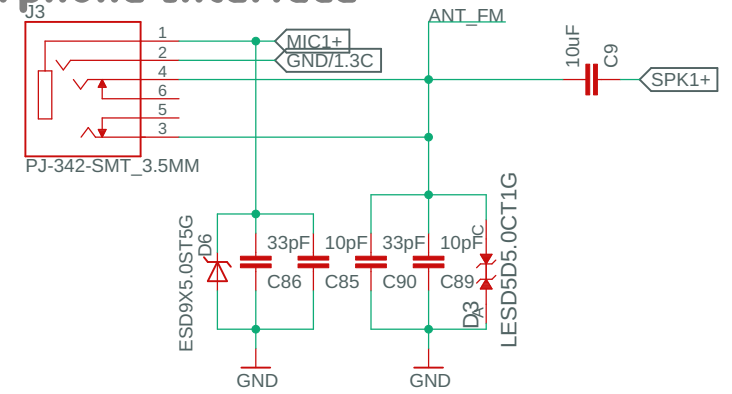
Power & Battery Charger



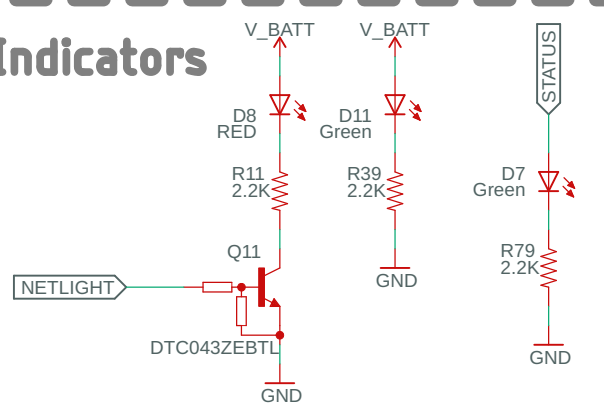
SIM Interface



Earphone Interface



Indicators



RF and GNSS Design

