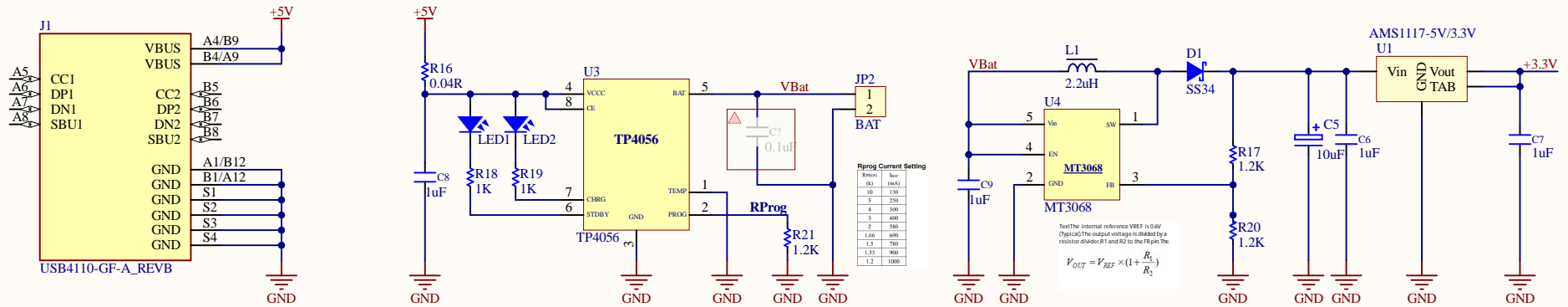


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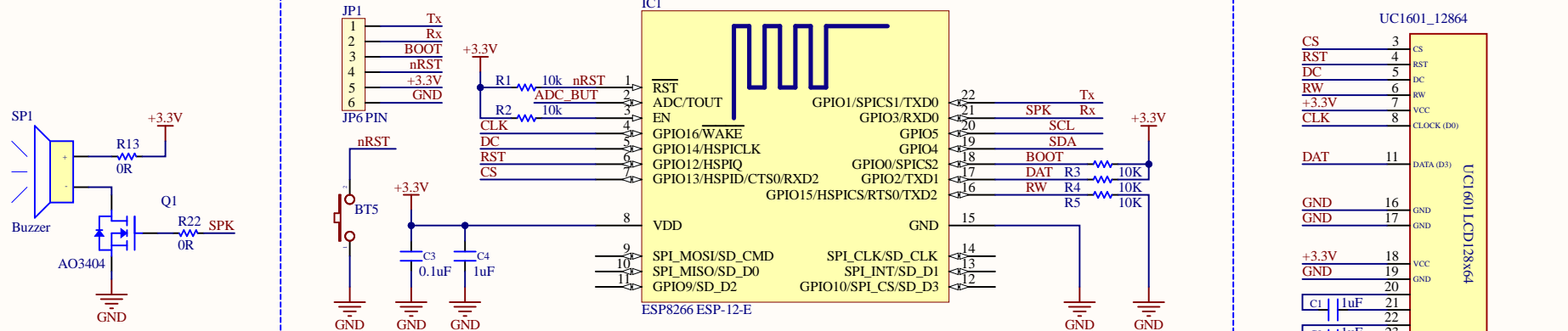
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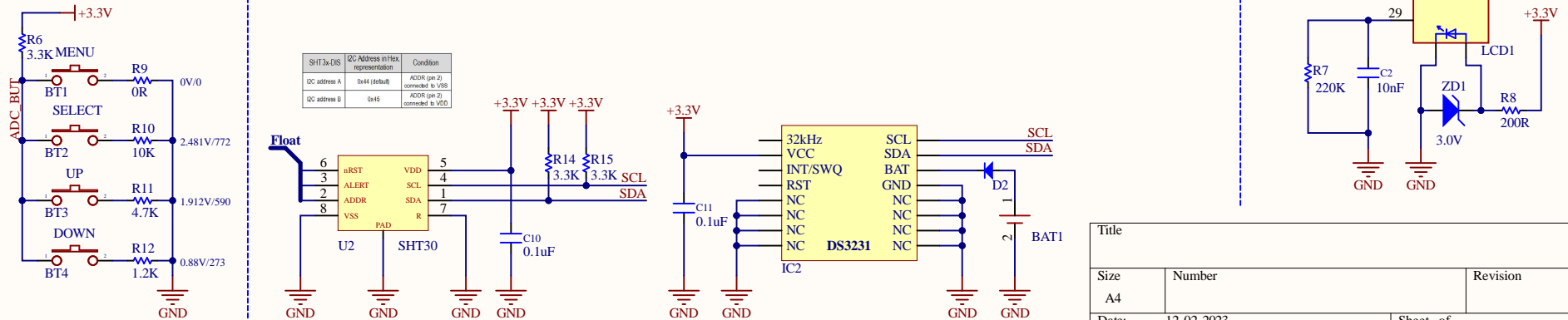
B

B



C

C



D

D

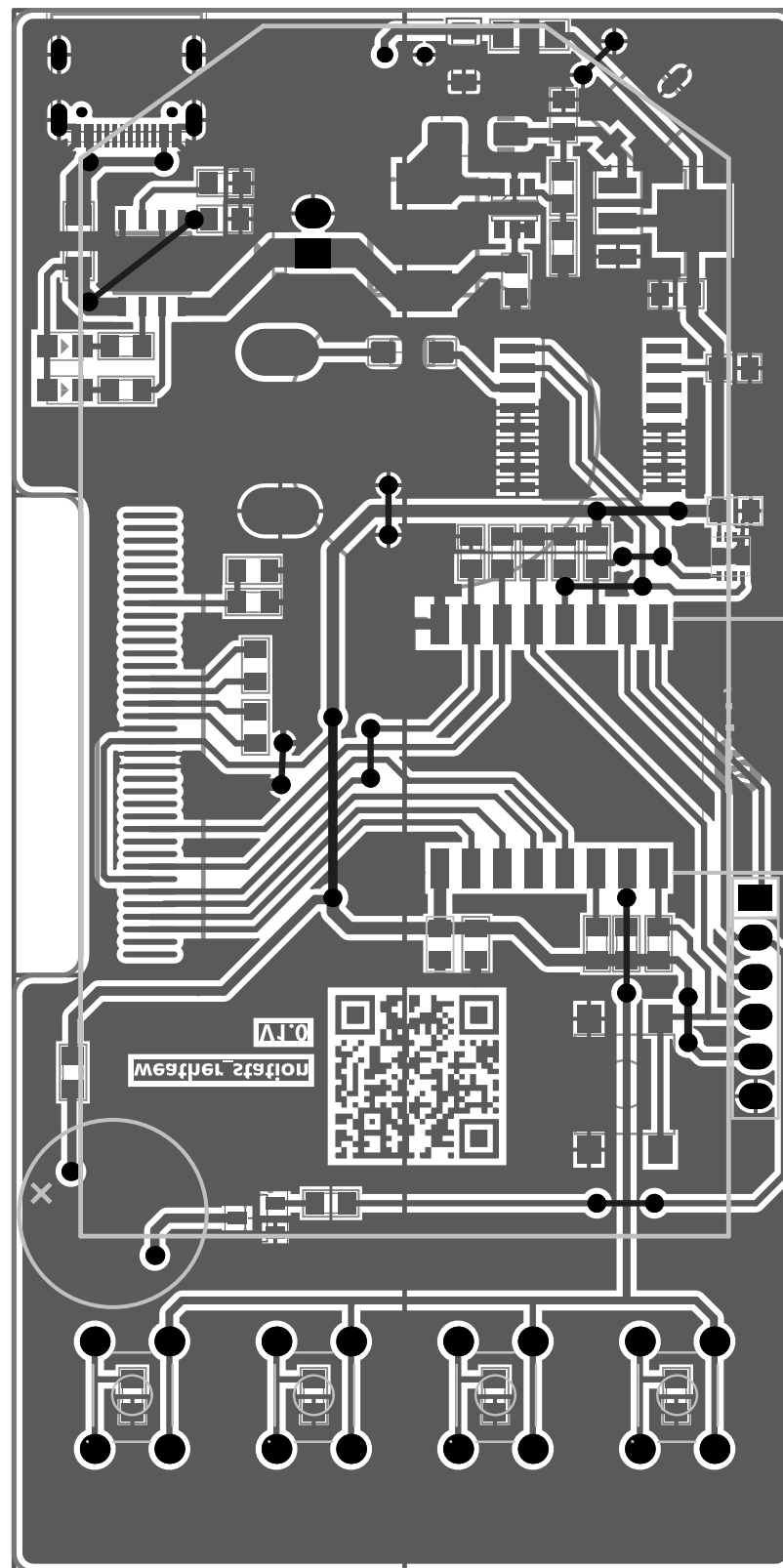
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A4		
Date:	12-02-2023	Sheet of
File:	F:\ALTUM\...\Sheet1.SchDoc	Drawn By:

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Comment	Description	Designator	Footprint	LibRef	Quantity
CR2032		BAT1	CR2032_SMD	CR2032	1
BUTTON1	BUTTON1	BT1, BT2, BT3, BT4	SW4	BUTTON1	4
BUTTON1	BUTTON1	BT5	SW4_SMD	BUTTON1	1
1uF	CAP SMD	C0, C1, C4, C6, C7, C8, C9	CN-SMD-0805	CAP SMD	7
10nF	CAP SMD	C2	CN-SMD-0805	CAP SMD	1
0.1uF	CAP SMD	C3, C10, C11	CN-SMD-0805	CAP SMD	3
10uF	CAP_Radial1	C5	cap_A_SMD 10uF/16V	CAP_Radial1	1
SS34	Diode Schottky	D1	DO-214AC(SMA)	Diode Schottky	1
	Default Diode	D2	SOD123	Diode-1N4007 -A4	1
ESP8266 ESP-12-E	ESP8266 ESP-12-E	IC1	ESP8266 ESP-12-E	ESP8266 ESP-12-E	1
DS3231		IC2	SOIC-16	DS3231	1
USB4110-GF-A_REVB	USB-C (USB TYPE-C) USB 2.0 Receptacle Connector 24 (16+8 Dummy) Position Surface Mount, Right Angle; Through Hole	J1	GCT_USB4105-GF-A	USB4110-GF-A_REVB	1
JP6 PIN	JP6 PIN	JP1	JP6	JP6	1
BAT	Connector 2	JP2	CON2	Con2	1
2.2uH	inductor-SMD	L1	L-SMD-06030- 7.4x6.6X3	inductor-SMD	1
UC1601_12864		LCD1	UC1601_LCD	UC1601_12864	1
GREEN		LED1	SM-LED-0805-Green	LED-SMD-0805	1
RED		LED2	SM-LED-0805-Red	LED-SMD-0805	1
AO3404		Q1	SOT23-3	AO3404	1
10k	Resistor	R1, R2, R3, R4, R5, R10	RES-SMD-0805	Res-SMD	6
3.3K	Resistor	R6, R14, R15	RES-SMD-0805	Res-SMD	3
220K	Resistor	R7	RES-SMD-0805	Res-SMD	1
200R	Resistor	R8	RES-SMD-1206	Res-SMD	1
OR	Resistor	R9, R13, R22	RES-SMD-0805	Res-SMD	3
4.7K	Resistor	R11	RES-SMD-0805	Res-SMD	1
1.2K	Resistor	R12, R17, R20, R21	RES-SMD-0805	Res-SMD	4
0.04R	Resistor	R16	RES-SMD-1206	Res-SMD	1
1K	Resistor	R18, R19	RES-SMD-0805	Res-SMD	2
Buzzer		SP1	Buzzer	Buzzer_5V	1
AMS1117-5V/3.3V	IC on ap 5V/3.3V	U1	SOT-223	AMS1117-5V/3.3V	1
SHT30		U2	SHT-30	SHT-30	1
TP4056		U3	SOP-8	TP4056	1
MT3068		U4	SOT23-6	MT3068	1
3.0V	Zener Diode	ZD1	SOD80, LL-34	Diode Zener	1