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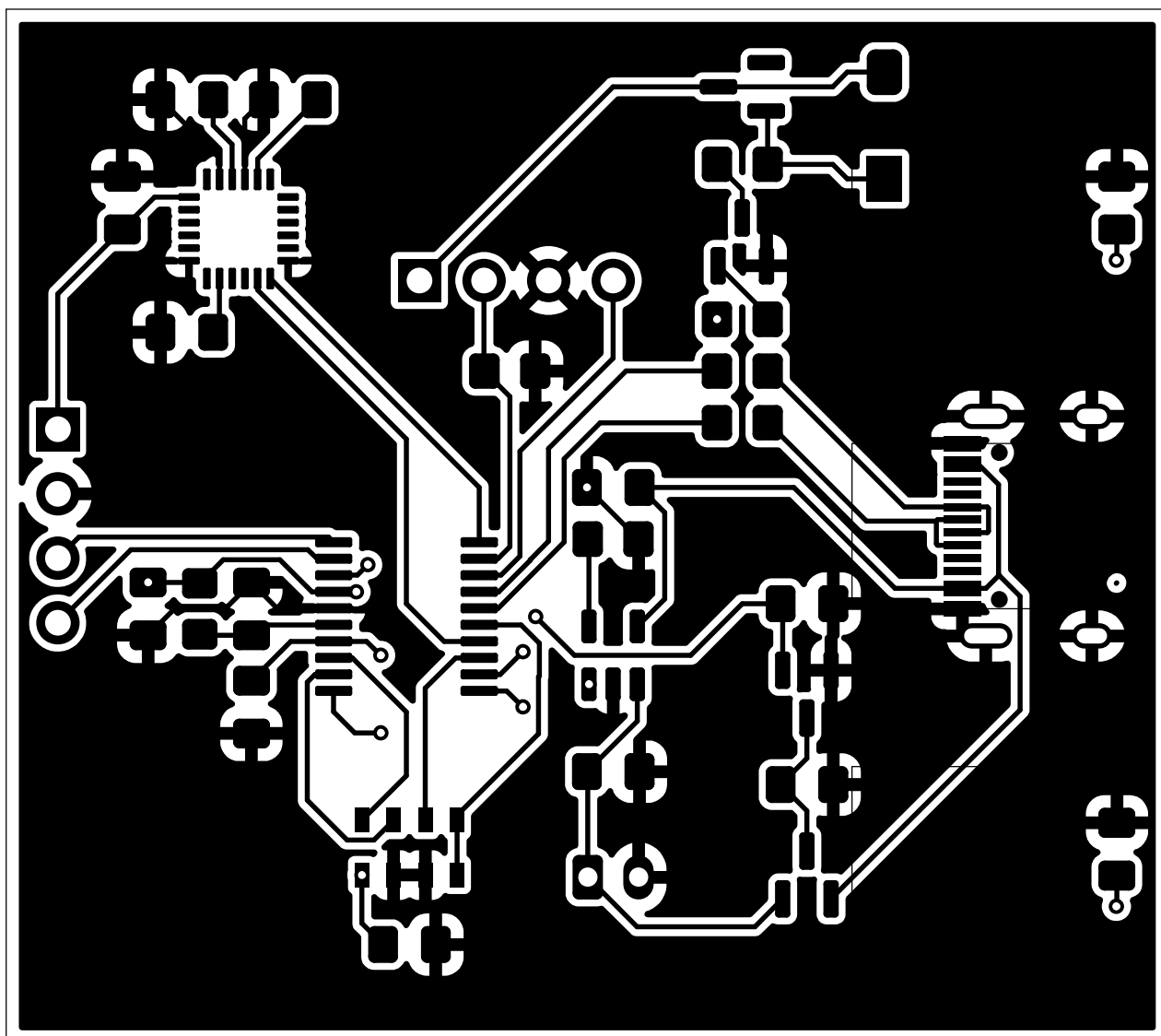
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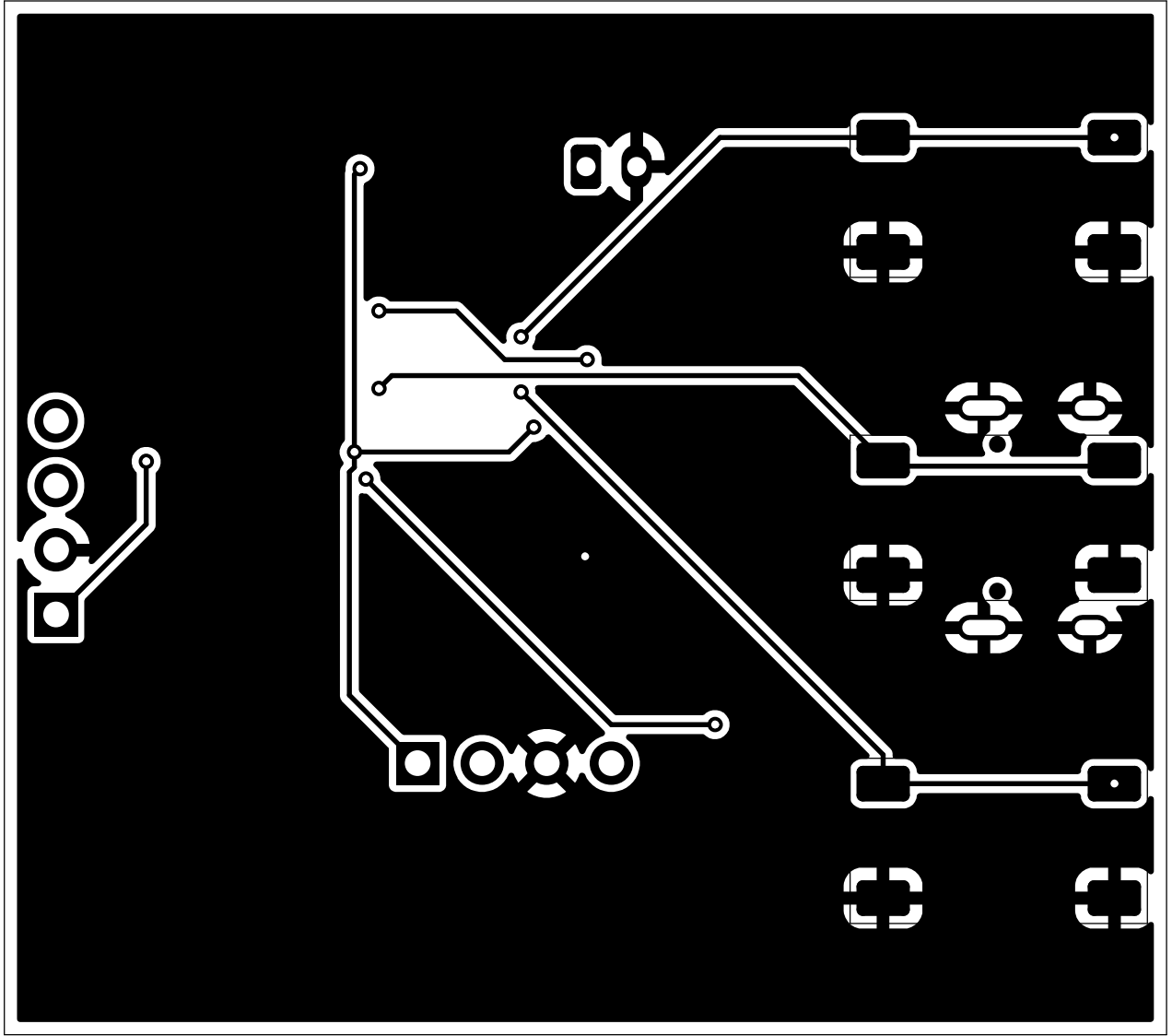
Eeschema 9.0.3

Component Count:38

Ref	Qty	Value	Part	Datasheet	Description	Vendor DNP
BT1	1	Battery	Device:Battery	~	Multiple-cell battery	
BUZ1	1	LD-BZEL-T69-0404	MyLibrary:BUZZ	https://www.tme.eu/Document/82079e073876dd20af41183817d8f5ed/LD-BZEL-T69-0404_DTE.pdf	BUZZER	
C1, C3, C4, C5, C8, C9, C10, C12, C14	9	100nF	Device:C	~	Unpolarized capacitor	
C2	1	10uF	Device:C	~	Unpolarized capacitor	
C6, C7	2	4.7uF	Device:C	~	Unpolarized capacitor	
C11	1	10nF	Device:C	~	Unpolarized capacitor	
C13	1	2.2nF	Device:C	~	Unpolarized capacitor	
D1, D2	2	BAT54C	Device:D_Schottky_Dual_CommonCathode_AAK_Parallel	~	Dual Schottky diode, common cathode on pin 3	
J1	1	USB_C_Receptacle	Connector:USB_C_Receptacle_USB2.0_16P	https://www.usb.org/sites/default/files/documents/usb_type-c.zip	USB 2.0-only 16P Type-C Receptacle connector	
J2	1	SWD	Connector_Generic:Conn_01x04	~	Generic connector, single row, 01x04, script generated (kicad-library-utils/schlib/autogen/connector/)	
LOGO1	1	ELB_Logo	MyLibrary:ELB_Logo_Small			
Q1	1	BC818	Transistor_BJT:BC818	https://www.onsemi.com/pub/Collateral/BC818-D.pdf	0.8A Ic, 25V Vce, NPN Transistor, SOT-23	
R1, R2	2	22	Device:R_US	~	Resistor, US symbol	
R3, R6	2	10K	Device:R_US	~	Resistor, US symbol	

R4	1	4K7	Device:R_US	~	Resistor, US symbol
R5	1	1K0	Device:R_US	~	Resistor, US symbol
R7	1	0	Device:R_US	~	Resistor, US symbol
SW1, SW2, SW3	3	BUTT1	Switch:SW_Push	~	Push button switch, generic, two pins
U1	1	MCP1703Ax-330xxTT	Regulator_Linear:MCP1703Ax-330xxTT	http://ww1.microchip.com/downloads/en/DeviceDoc/20005122B.pdf	Low Quiescent Current LDO Regulator, 3.3V, 250mA, Vin<=16V, SOT-23
U2	1	OLED 128x64	OLED:OLED128x64		OLED 128 x64
U3	1	STM32C071FBPx	MCU_ST_STM32C0:STM32C071FBPx	https://www.st.com/resource/en/datasheet/stm32c071fb.pdf	STMicroelectronics Arm Cortex-M0+ MCU, 128KB flash, 24KB RAM, 18 GPIO, TSSOP20_GP
U4	1	MS5611-01BA	Sensor_Pressure:MS5611-01BA	https://www.te.com/commerce/DocumentDelivery/DDEController?Action=srchrtv&DocNm=MS5611-01BA03&DocType=Data+Sheet&DocLang=English	Barometric pressure sensor, 10cm resolution, 10 to 1200 mbar, I2C and SPI interface up to 20MHz, LGA-8
U5	1	MCP73832-2-OT	Battery_Management:MCP73831-2-OT	http://ww1.microchip.com/downloads/en/DeviceDoc/20001984g.pdf	Single cell, Li-Ion/Li-Po charge management controller, 4.20V, Tri-State Status Output, in SOT23-5 package
U6	1	MPU-6050	Sensor_Motion:MPU-6050	https://invensense.tdk.com/wp-content/uploads/2015/02/MPU-6000-Datasheet1.pdf	InvenSense 6-Axis Motion Sensor, Gyroscope, Accelerometer, I2C





EIBALIM #1

