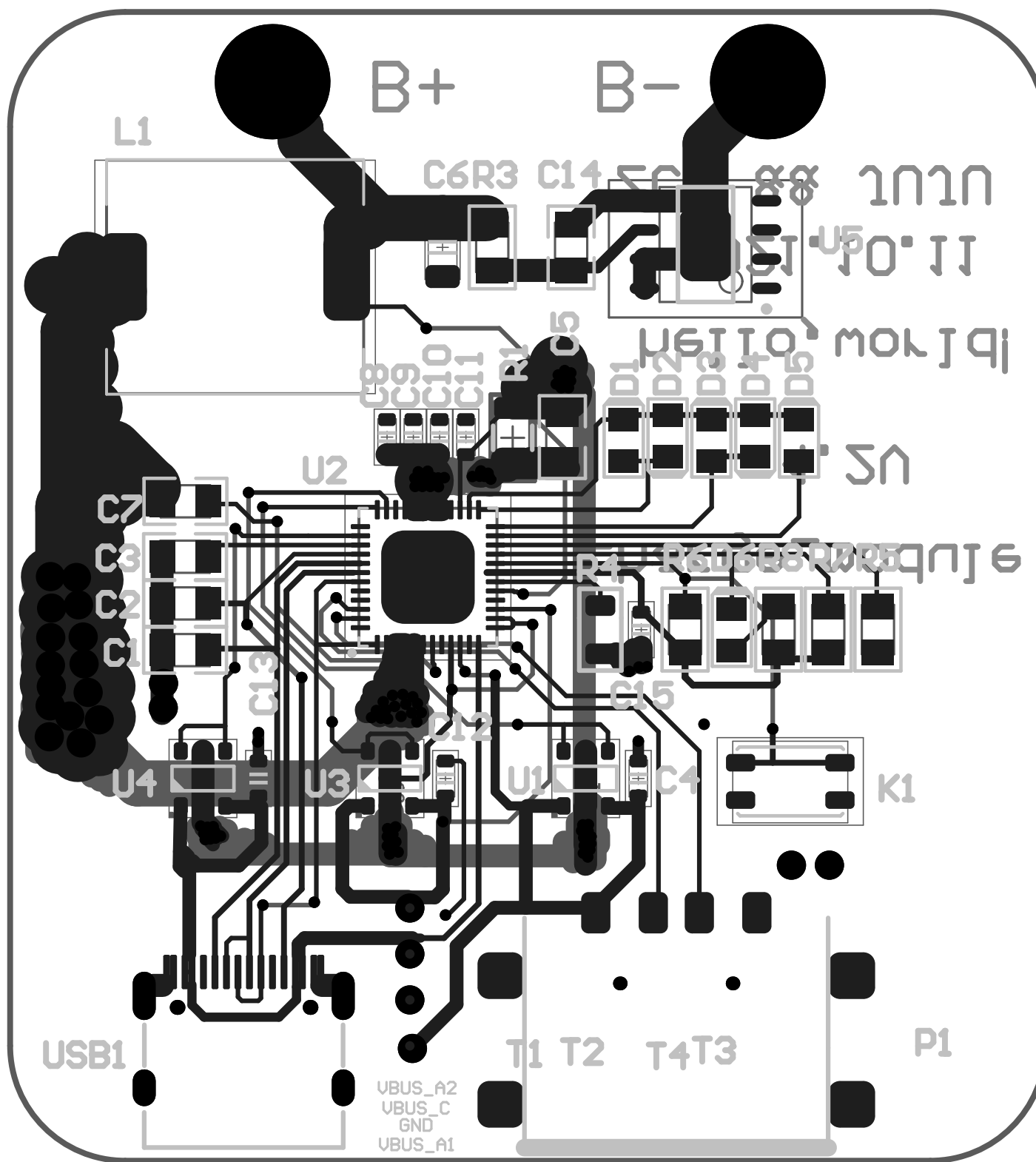
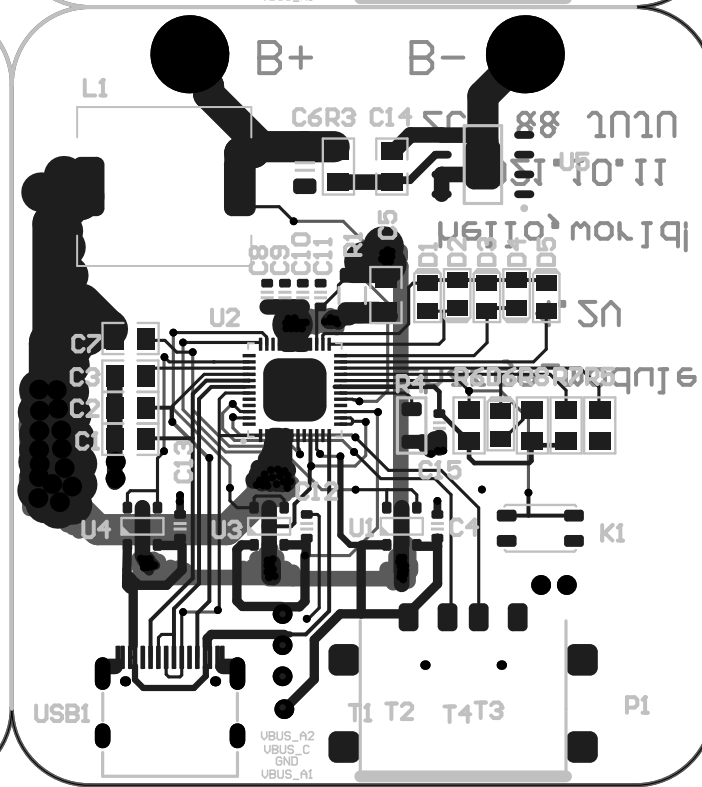
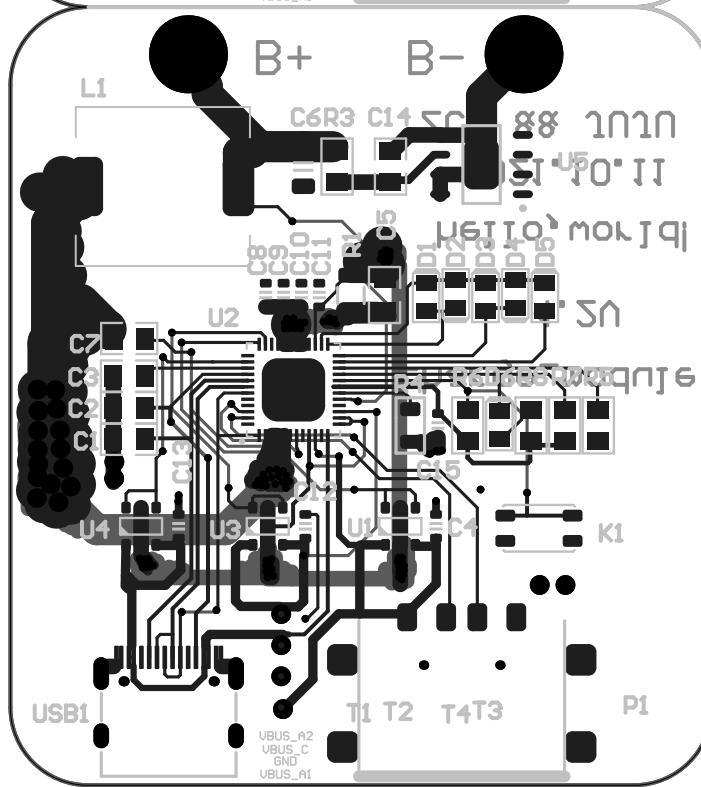
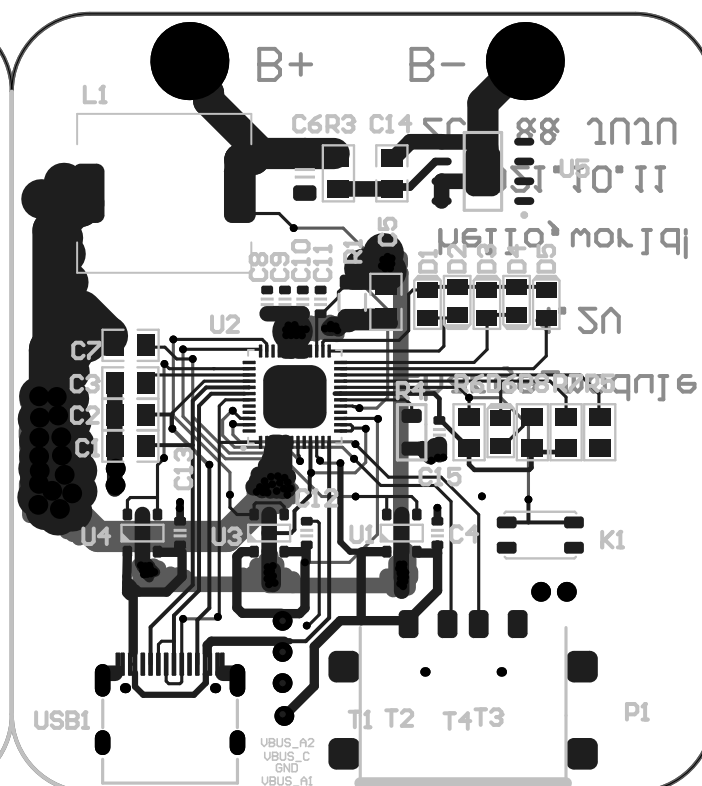
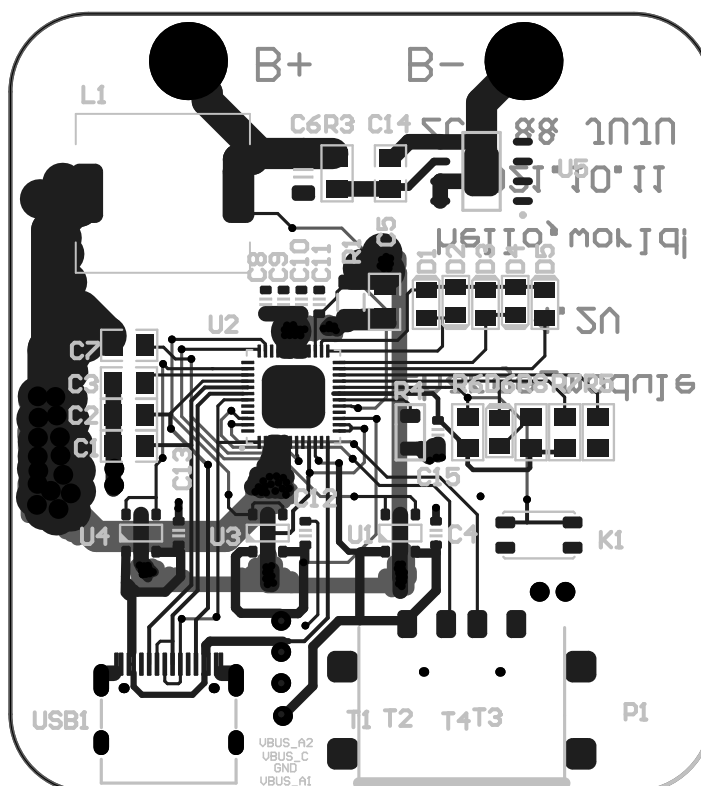


POWER BANK

The diagram illustrates a power bank circuit. It features a main battery input section with a 2.2uH inductor (L1) and a 100uF/16V capacitor (C6) connected to a 1K resistor (R3). The battery is connected to a USB-A port (P1) and a USB-C port (USB1). The USB-A port is connected to a USB-A to USB-C adapter (U1) and a USB-A to USB-B adapter (U2). The USB-C port is connected to a USB-C to USB-A adapter (U3) and a USB-C to USB-C adapter (U4). The USB-A to USB-C adapter (U1) is connected to a USB-A port (P1) and a USB-C port (USB1). The USB-A to USB-B adapter (U2) is connected to a USB-A port (P1) and a USB-B port (P2). The USB-C to USB-A adapter (U3) is connected to a USB-C port (USB1) and a USB-A port (P1). The USB-C to USB-C adapter (U4) is connected to a USB-C port (USB1) and a USB-C port (P3). The USB-A port (P1) is connected to a USB-A to USB-C adapter (U1) and a USB-A to USB-B adapter (U2). The USB-B port (P2) is connected to a USB-A to USB-B adapter (U2) and a USB-B to USB-C adapter (U5). The USB-C port (P3) is connected to a USB-C to USB-A adapter (U3) and a USB-C to USB-C adapter (U4). The USB-A to USB-C adapter (U1) is connected to a USB-A port (P1) and a USB-C port (USB1). The USB-A to USB-B adapter (U2) is connected to a USB-A port (P1) and a USB-B port (P2). The USB-C to USB-A adapter (U3) is connected to a USB-C port (USB1) and a USB-A port (P1). The USB-C to USB-C adapter (U4) is connected to a USB-C port (USB1) and a USB-C port (P3). The USB-B to USB-C adapter (U5) is connected to a USB-B port (P2) and a USB-C port (P3). The USB-A port (P1) is connected to a USB-A to USB-C adapter (U1) and a USB-A to USB-B adapter (U2). The USB-B port (P2) is connected to a USB-A to USB-B adapter (U2) and a USB-B to USB-C adapter (U5). The USB-C port (P3) is connected to a USB-C to USB-A adapter (U3) and a USB-C to USB-C adapter (U4). The USB-A to USB-C adapter (U1) is connected to a USB-A port (P1) and a USB-C port (USB1). The USB-A to USB-B adapter (U2) is connected to a USB-A port (P1) and a USB-B port (P2). The USB-C to USB-A adapter (U3) is connected to a USB-C port (USB1) and a USB-A port (P1). The USB-C to USB-C adapter (U4) is connected to a USB-C port (USB1) and a USB-C port (P3). The USB-B to USB-C adapter (U5) is connected to a USB-B port (P2) and a USB-C port (P3).

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Comment	Description	Designator	Footprint	LibRef	Quantity
300pF	Capacitor	C1, C2, C3	0805C	电容-0402	3
10uF	Capacitor	C4, C8, C9, C10, C11, C12, C13, C15	0603-CAP	电容-0603	8
0.1uF	Capacitor	C5, C7, C14	0805C	电容-0402	3
100uF/16V	Capacitor	C6	1206-CAP	电容-1206	1
color?	LED	D1, D2, D3, D4, D5, D6	LED0805R	LED_0402	6
TACT 4P	Button	K1	ButtonTACT_3.5*3.55 _90	ButtonTACT	1
2.2uH	Fixed Inductors 4.7uH 30% SMD 1240	L1	IND_1040	电感-1040	1
USB-A		P1	USB-Short	USB-A	1
5mR	Resistor	R1	1206-RES	电阻-1206	1
1K	Resistor	R3	0805R	电阻-0402	1
NTC	Resistor	R4	0805-L	电阻-0805	1
20K	Resistor	R5	0805R	电阻-0402	1
10K	Resistor	R6, R7	0805R	电阻-0402	2
2K	Resistor	R8	0805R	电阻-0402	1
测试点		T1, T2, T3, T4	TEST_PT	测试点	4
UT8205A		U1, U3, U4	SOT23-6	UT8205A	3
SW6208	充电宝芯片	U2	QFN-48_6x6	SW6208	1
XB8886A		U5	SO-8-PAD	XB8886A	1
Type-C		USB1	Type-C-TOP	USB-Type-C-TOP	1