

Comment	Designator	Footprint	JLCPCB Part #	
MMBT3904(BEC)	Q1,Q2	SOT-23	C20526	
330r	R40	0402	C25104	
BAT43W-V	D17,D18,D19,D20	D_SOD-323	C134399	
470	R11,R9	0402	C25117	
10k	R14,R15,R19,R20,R	0402	C25744	
100K	R10,R12,R17,R22	0402	C25741	
SM4001	D24,D25	D_SOD-123	C64898	
BLUE-LED	D28,D29	0402	C130724	
100r	R23,R24,R25,R26,R	0402	C25076	
SMD0805P010TFpolyfuse	F1,F2	0805	C269101	
Battery_Cell	BT1	BatteryHolder_Keystone_3000_1x12mm	C964818	
2u2	C100	0402	C12530	
27	R3,R4	0402	C25100	
82k	R47,R50	0402	C4142	
27p	C2,C3	0402	C1557	
X322512MSB4SI(mini12MhZcrystal)	Y1	Crystal_SMD_3225-4Pin_3.2x2.5mm	C9002	
LD1117S33CTR	U8	SOT-89-3-PETROCK	C18723569	
10u	C17,C18,C19,C20	0402	C15525	
1u	C10,C8	0402	C52923	
L78L08_SOT89	U5	SOT-89-3	C122846	
1k	R1,R13,R16,R18,R2	0402	C11702	
USB_C_Receptacle_USB2.0	J8	USB_C_Receptacle_G-Switch_GT-USB-7010ASV	C2988369	
4148	D21,D22	D_SOD-323	C917117	
100n	C13,C14,C15,C16,C	0402	C1525	
5.1k	R45,R46	0402	C25905	
RP2040	U3	RP2040-QFN-56	C2040	
LED	D1,D10,D11,D12,D1;	0402	C434448	
5819	D23,D30	D_SOD-123	C8598	
470k	R48,R49	0402	C25790	
PCF8523T	U4	SOIC-8_3.9x4.9mm_P1.27mm	C2651516	
CrystalDST310S32.768KHz	Y2	Crystal_SMD_3215-2Pin_3.2x1.5mm	C93232	
LED_RGB	D16	LED_RGB_5050-6	C111658	
W25Q128JVS	U2	SON50P300X200X60-9N	C2843335	
J3,J4,J5,J6	AudioJack2	_Jack_3.5mm_QingPu_JACK_ANCHOR	Sourced elsewhere 'thunk jack' synthcube or thoonk	
	Conn_02x05	PinHeader_2x05_P2.54mm_Verical	Sourced digikey	
	Conn_01x02	SW_PUSH_6mm	Simple switch	
	DNF	0402		