



Comment	Description	Designator	Footprint	LibRef	Quantity
Battery	Multicell Battery	BT1	BT	Battery	1
1uF	Capacitor	C1, C4	0402	Cap	2
1.2pF/10V	Capacitor	C2	0402	Cap	1
1.8pF/10V	Capacitor	C3	0402	Cap	1
22uF	Capacitor	C5	0603	Cap	1
100nF	Capacitor	C6, C18	0402	Cap	2
220pF/10V	Capacitor	C7	0402	Cap	1
18pF/10V	Capacitor	C8	0402	Cap	1
12pF	Capacitor	C9, C10	0402	Cap	2
2.2uF/10V	Capacitor	C12	0402	Cap	1
1uF/10V	Capacitor	C13, C19, C22, C24	0402	Cap	4
6pF	Capacitor	C14, C15	0402	Cap	2
15pF	Capacitor	C16, C17	0402	Cap	2
0.1uF/10V	Capacitor	C20, C23	0402	Cap	2
LEDR	Typical INFRARED GaAs LED	D1	LED0603	LED0	1
LEDG	Typical INFRARED GaAs LED	D2	LED0603	LED0	1
1.8nH	Inductor	L1	0402	Inductor	1
1.3nH	Inductor	L2	0402	Inductor	1
47uH	Inductor	L3	0603R	Inductor	1
microUSB	Header, 5-Pin	P1	MICROUSB	Header 5	1
Header 6	Header, 6-Pin	P2	SIP6-1.27	Header 6	1
AO3401A	MOS(场效应管)	Q1	AO3401	AO3401A P道沟 X13A15 SOT-23	1
10K	Resistor	R1, R8	0402	Res1	2
1K	Resistor	R2, R3	0402	Res1	2
2M	Resistor	R4	0402	Res1	1
2K	Resistor	R5	0402	Res1	1
200K	Resistor	R6	0402	Res1	1
0	Resistor	R7	0402	Res1	1
TX-40K		RTa1	US-10mm	TC40K	1
弹簧振动开关	Single-Pole, Single-Throw Switch	S1	SW	SW-SPST	1
TP4054		U1	TP4054	TP4054	1
TLSR8258F512ET3 2		U2	QFN-32	TLSR8258F512ET3 2	1
CS102		U3	TSSOP24	CS100	1
MCP33	Voltage Regulator	VR1	MCP33	Volt Reg	1
24M	Crystal Oscillator	Y1	XTAL4TN_3225	XTAL	1
8M	Crystal Oscillator	Y2	5032	XTAL	1
32.768K	Crystal Oscillator	Y3	XTAL3215	XTAL	1