



Comment	Description	Designator	Footprint	LibRef	Quantity
Motor	Motor, General Kind	B1	MOTO-40*44*114 - 3D	Motor	1
Battery	Multicell Battery	BT1	BT	Battery	1
1uF	Capacitor	C1, C5	0402	Cap	2
1.2pF/10V	Capacitor	C2	0402	Cap	1
1.8pF/10V	Capacitor	C3	0402	Cap	1
220pF/10V	Capacitor	C4	0402	Cap	1
22uF	Capacitor	C6	0603	Cap	1
100nF	Capacitor	C7	0402	Cap	1
18pF/10V	Capacitor	C8	0402	Cap	1
12pF	Capacitor	C9, C10	0402	Cap	2
0.1uF/10V	Capacitor	C11, C25, C29	0402	Cap	3
2.2uF/10V	Capacitor	C12	0402	Cap	1
1uF/10V	Capacitor	C13, C24, C26, C27, C28, C30	0402	Cap	6
6pF	Capacitor	C14, C15	0402	Cap	2
100pF	Capacitor	C16, C22	0402	Cap	2
15pF	Capacitor	C17, C21	0402	Cap	2
1nF	Capacitor	C18	0402	Cap	1
10nF	Capacitor	C19, C20	0402	Cap	2
0.1uF	Capacitor	C23	0402	Cap	1
LEDG	Typical INFRARED GaAs LED	D1	LED0603	LED0	1
LEDR	Typical INFRARED GaAs LED	D2	LED0603	LED0	1
IN4148	Default Diode	D3	LED0603	Diode	1
Antenna	Generic Antenna	E1	AN3216	Antenna	1
1.8nH	Inductor	L1	0402	Inductor	1
1.3nH	Inductor	L2	0402	Inductor	1
47uH	Inductor	L3	0603	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, Q2	AO3401	AO3401A P道沟 X13A15 SOT-23	2
10K	Resistor	R1, R8, R10	0402	Res1	3
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
43K	Resistor	R11, R12, R13, R14, R16, R17	0402	Res2	6
2.7MR	Resistor	R15	0402	Res2	1
0R	Resistor	R20, R21	0402	Res1	2
RX-40K		RTa1	US-10mm	TC40K	1
开关	Single-Pole, Single-Throw Switch	S1	SW3x6x5	SW-SPST	1
TP4054		U1	TP4054	TP4054	1
TLSR8258F512ET3 2		U2	QFN-32	TLSR8258F512ET3 2	1
CS102		U3	TSSOP24	CS100	1
LMV321	General Purpose, Low Voltage, Rail-to-Rail Output Operational Amplifiers	U4	MF05A_N	LMV321M5	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