

SM-202,TF-202,GG-202 Bill of Material

Description	Quantity	UM	Location
Wire AWG30 40mm Blue(NoN-P)(RoHS)	1.0	PC	SP-
Wire AWG30 40mm Grey(NoN-P)(RoHS)	1.0	PC	SP+
Wire AWG30 70mm Red(NoN-P)(RoHS)	1.0	PC	B+
Wire AWG30 80mm Black(NoN-P)(RoHS)	1.0	PC	B-
Battery LR44 0%Hg Cell	4.0	PC	Battery
Mylar Speaker Φ 27X9mm 8 Ω 0.25W BF2709SW-1808R1(RoHS)	1.0	PC	SPK
Electrolytic Capacitor 10V 100 μ F \pm 20% Φ 5X7MM(NON-P)(RoHS)	3.0	PC	EC2,EC3,EC4
Fixed inductors 4.7 μ H 10% 0410-4R7K(RoHS)	1.0	PC	L1
OSC & Adjustable S3-R28J-G(RoHS)	1.0	PC	T1
Transistor 9018H TO-92(RoHS)	1.0	PC	Q1
Jump wire 4.5MM(RoHS)	2.0	PC	J1,J2
Jump wire 9.5MM(RoHS)	1.0	PC	J3
Jump wire 11mm(RoHS)	1.0	PC	J4
Crystal 49S-49.860 MHZ 30PPM 20PF 70 Ω max(RoHS)	1.0	PC	XT1
Leaf Switch KFX-0046A2(RoHS)	1.0	PC	K1
Push Switch PS-42D03(RoHS)	1.0	PC	SW1
SMT Resistor 1/16W 0 Ω 5% 0805(RoHS)	2.0	PC	R5,R12
SMT Resistor 1/16W 100 Ω \pm 5%0603(RoHS)	2.0	PC	R6,R13
SMT Resistor 1/16W 10K Ω 5%0603(RoHS)	2.0	PC	R20,R24
SMT Resistor 1/16W 12K Ω \pm 5%0603(RoHS)	1.0	PC	R8
SMT Resistor 1/16W 120K \pm 5% 0603(RoHS)	1.0	PC	R3
SMT Resistor 1/16W 22 Ω \pm 5%0603(RoHS)	1.0	PC	R11
SMT Resistor 1/16W 2.2K Ω 5% 0603(RoHS)	1.0	PC	R9
SMT Resistor 1/16W 33 Ω \pm 5%0603(RoHS)	1.0	PC	R16
SMT Resistor 1/16W 3K9 Ω \pm 5% 0603(RoHS)	1.0	PC	R10
SMT Resistor 1/16W 4.7K Ω 5%0603(RoHS)	3.0	PC	R1,R2,R7
SMT Resistor 1/16W 5.6K Ω \pm 5% 0603(RoHS)	1.0	PC	R15
SMT Capacitor 16v 0.1UF 20%0603(RoHS)	4.0	PC	C22-C25
SMT Capacitor 16V 0.02uF \pm 10%0603(RoHS)	3.0	PC	C7,C9,C13
SMT Capacitor 16V 0.22uF \pm 20% 0603(RoHS)	1.0	PC	C4
SMT Capacitor 16V 2.2uF \pm 10%X7R 0603(RoHS)	2.0	PC	C21,C26
SMT Capacitor 50V 30PF \pm 5% 0603 NPO(RoHS)	1.0	PC	C2
SMT Capacitor 50V 39PF \pm 5% 0603 NPO(RoHS)	1.0	PC	C1
SMT Capacitor 50V 4700pF \pm 5%0603 NPO(RoHS)	1.0	PC	C12
SMT Capacitor 50V 5000PF \pm 10%0603 (RoHS)	1.0	PC	C6
SMT Capacitor 50V 5PF \pm 10% 0603 NPO(RoHS)	1.0	PC	C8
SMT Capacitor 50V 82PF \pm 5% 0603 NPO (RoHS)	1.0	PC	C3
PCB SM-202 94V0 41x36.5x1.2mm CP(RoHS)	1.0	PC	PCB
Amplifier IC D2822M SOP-8(RoHS)	1.0	PC	U2