

#1705

NightFire Electronic Kits

Bill Of Material for LM386 Amplifier Thru-Hole & SMT Kit

Rev A

For Thru-Hole Version

Item	Type	Description	Qty	Ref Des
1	IC	LM386, Audio Amplifier, DIP-8	1	IC1
2	IC Socket	8-pin, Low Profile	1	IC1
3	Capacitor	.01uF, Ceramic Disc	1	C2
4	Capacitor	.047uF, Ceramic Disc	1	C7
5	Capacitor	12uF, Aluminum Electrolytic	4	C3, C4, C5, C6
6	Capacitor	100uF, Aluminum Electrolytic	1	C1
7	Capacitor	220uF, Aluminum Electrolytic	1	C8
8	Resistor	0 Ohms, 1/4 Watt, Jumper	1	R3
9	Resistor	10 Ohms, 1/4 Watt, Carbon Film	1	R4
10	Resistor	2.7K, 1/4 Watt, Carbon Film	2	R1, R2
11	Potentiometer	10K, Trimpot	1	VR1
12	Connector	RCA Phono, Red	1	
13	Connector	RCA Phono, White	1	
14	Battery Clip	9V, Snap, 2-wires	1	
15	PCB	LM386 Audio Amplifier, Rev A	1	

For SMT Version

Item	Type	Description	Qty	Ref Des
1	IC	LM386, SMT Audio Amp, SOIC-8	1	IC1
2	Capacitor	.01uF, SMT Ceramic, 1206	1	C2
3	Capacitor	.047uF, SMT Ceramic, 1206	1	C7
4	Capacitor	10uF, SMT Tantalum, Case C	4	C3, C4, C5, C6
5	Capacitor	100uF, SMT Tantalum, Case D	2	C1, C8
6	Resistor	0 Ohms, Jumper, 1206	1	R3
7	Resistor	10 Ohms, SMT Carbon Film, 1206	1	R4
8	Resistor	2.7K, SMT Carbon Film, 1206	2	R1, R2
9	Potentiometer	10K, Trimpot	1	VR1
10	Connector	RCA Phono, Red	1	
11	Connector	RCA Phono, White	1	
12	Battery Clip	9V, Snap, 2-wires	1	
13	PCB	LM386 Audio Amplifier, Rev A	1	