Parts list

Model Name: ESP-9W, ESP-13W

NO COMPONENT TYPE/RATINGS Fig. F			
1 bulb Φ10 S 3T13W 7~8 Ω 2 PCB NVC-33 PFR-1 94 V-0 9W /13W 3 Plastics Φ39.6 PBT 0.8mm V2 9W/13W 4 Transistor Q1/Q2 4124DL TO-92 β:20-25 Ts:≤3.5 9W/13W 5 Diode D1~D5 M7 1000V 2A 1000V 2A 6 Diode DB3 DB3 28V-36V 2A 2A 32/1000V CH11 9W/13W 8 Capacitor C6 332/1000V CH11 9W/13W 9W/13W 9W/13W 9 Capacitor C4 223/50V SMD 0805 9W/13W 10 Capacitor C3 102/1000V CH11 9W/13W 9W/13W 11 Capacitor C1 C5 472/250V CL21 9W/13W 12 Capacitor C2 10 F/200V 105°C 5000h 9W 13 Resistor R1/R2 SMD 1206 27 Ω 1/4W 9W/13W	NO	COMPONENT	TYPE/RATINGS
PCB NVC-33 PFR-1 94 V-0 9W /13W 3 Plastics Φ39.6 PBT 0.8mm V2 9W/13W 4 Transistor Q1/Q2 4124DL TO-92 β:20-25 Ts:≤3.5 9W/13W 5 Diode DB3 DB3 28V-36V 2A 7 Capacitor C7 332/1000V CH11 9W/13W 8 Capacitor C6 332/1000V CH11 9W/13W 9 Capacitor C3 102/1000V CH11 9W/13W 10 Capacitor C3 102/1000V CH11 9W/13W 11 Capacitor C3 102/1000V CH11 9W/13W 12 Capacitor C4 223/50V SMD 105 °C 5000h 9W 12 Capacitor C2 472/250V 105 °C 5000h 9W 13 Resistor R1/R2 SMD 1206 27 °Q 1/4W 9W/13W 14 Resistor R3/R4 SMD 1206 27 °Q 1/4W 9W/13W 15 UL FUSE L RXF-0.47 °Q 1W 40.55 °C 13W <td></td> <td></td> <td>Φ10 S 2T9W 7~8Ω</td>			Φ10 S 2T9W 7~8Ω
3 Plastics Φ39.6 PBT 0.8mm V2 9W/13W 4 Transistor Q1/Q2 4124DL TO-92 β:20-25 Ts: ≤3.5 9W/13W 5 Diode DB3 DB3 28V-36V 2A 7 Capacitor C7 332/1000V CH11 9W/13W 8 Capacitor C6 332/1000V CH11 9W/13W 9 Capacitor C3 102/1000V CH11 9W/13W 10 Capacitor C3 102/1000V CH11 9W/13W 11 Capacitor C3 102/1000V CH11 9W/13W 12 Capacitor C4 223/50V SMD 105°C 5000h 9W 12 Capacitor C2 472/250V CL21 9W/13W 13 Resistor R1/R2 SMD 1206 330K Ω 1/4W 14 Resistor R3/R4 SMD 1206 27 Ω 1/4W 9W/13W 16 P1~P4 0.65*0.65*10 1W 40.1mH Φ 0.23 9W 18 Choke trans(L2) Magnet wire EUW 155°C 19	1	bulb	Φ10 S 3T13W 7~8Ω
Transistor Q1/Q2	2	PCB	NVC-33 PFR-1 94 V-0 9W /13W
Diode DI~DS M7 1000V	3	Plastics	Ф39.6 PBT 0.8mm V2 9W/13W
6 Diode DB3 28V-36V 2A 7 Capacitor C7 332/1000V CH11 9W/13W 8 Capacitor C6 332/1000V CH11 9W/13W 9 Capacitor C4 223/50V SMD 0805 10 Capacitor C3 102/1000V CH11 9W/13W 11 Capacitor C1 C5 472/250V CL21 9W/13W 12 Capacitor C2 10 μ F/200V 105 °C 5000h 9W 13 Resistor R1/R2 SMD 1206 330K Ω 1/4W 14 Resistor R3/R4 SMD 1206 27 Ω 1/4W 9W/13W 16 P1~P4 0.65*0.65*10 1W 40.65*0.65*10 1W 17 UL FUSE L RXF-0.47 Ω 1W 40.23 9W EE13 1.5±0.1mH Φ 0.23 9W EE13 1.5±0.1mH Φ 0.25 13W Adhesive Tape 130 °C Main trans. (L1) Adhesive Tape JY-133 130 °C 19 Main trans. (L1) Adhesive	4	Transistor Q1/Q2	4124DL TO-92 β:20-25 Ts:≤3.5 9W/13W
Capacitor C7 332/1000V CH11 9W/13W 8 Capacitor C6 332/1000V CH11 9W/13W 9 Capacitor C4 223/50V SMD 0805 10 Capacitor C3 102/1000V CH11 9W/13W 11 Capacitor C1、C5 472/250V CL21 9W/13W 12 Capacitor C2 10 μ F/200V 105 °C 5000h 9W 13 Resistor R1/R2 SMD 1206 330K Ω 1/4W 14 Resistor R3/R4 SMD 1206 27 Ω 1/4W 9W/13W 16 P1~P4 0.65*0.65*10 1W 17 UL FUSE L RXF-0.47 Ω 1W EE13 2.0±0.1mH Φ 0.23 9W EE13 1.5±0.1mH Φ 0.25 13W Adhesive Tape 130 °C Main trans. Φ 6*8 0.4mH Φ 0.21 Magnet wire QA-2 155 °C 19 Main trans. (L1) Adhesive Tape JY-133 130 °C 20 Lead wire(N) <td>5</td> <td>Diode D1~D5</td> <td>M7 1000V</td>	5	Diode D1~D5	M7 1000V
8 Capacitor C6 332/1000V CH11 9W/13W 9 Capacitor C4 223/50V SMD 0805 10 Capacitor C3 102/1000V CH11 9W/13W 11 Capacitor C1、C5 472/250V CL21 9W/13W 12 Capacitor C2 10 μ F/200V 105 °C 5000h 9W 13 Resistor R1/R2 SMD 1206 330K Ω 1/4W 14 Resistor R3/R4 SMD 1206 27 Ω 1/4W 9W/13W 16 P1~P4 0.65*0.65*10 17 UL FUSE L RXF-0.47 Ω 1W 18 Choke trans(L2) Magnet wire EUW 155 °C Main trans. Φ6*8 0.4mH Φ0.21 Magnet wire QA-2 155 °C Maln trans. QA-2 155 °C Adhesive Tape JY-133 130 °C 20 Lead wire(N) 105 °C 300 V ac 24AWG 80±1.0 mm 4 9*5*3 3: 8: 3 2.5K 9W 21 O trans (T1) Φ9*5*3 3: 8: 3 5K 13W	6	Diode DB3	DB3 28V-36V 2A
9	7	Capacitor C7	332/1000V CH11 9W/13W
10 Capacitor C3 102/1000V CH11 9W/13W 11 Capacitor C1 C5 472/250V CL21 9W/13W 10 μ F/200V 105 °C 5000h 9W 10 μ F/200V 105 °C 5000h 13W 13 Resistor R1/R2 SMD 1206 330K Ω 1/4W 14 Resistor R3/R4 SMD 1206 27 Ω 1/4W 9W/13W 16 P1~P4 0.65*0.65*10 17 UL FUSE L RXF-0.47 Ω 1W EE13 1.5±0.1mH Φ0.23 9W EE13 1.5±0.1mH Φ0.25 13W Adhesive Tape 130 °C Magnet wire EUW 155 °C Main trans. Φ6*8 0.4mH Φ0.21 Magnet wire QA-2 155 °C 19 Main trans.(L1) Adhesive Tape JY-133 130 °C 10 μ 9*5*3 3: 8: 3 2.5K 9W 21 O trans (T1) Φ9*5*3 3: 8: 3 5K 13W	8	Capacitor C6	332/1000V CH11 9W/13W
11 CapacitorC1、C5 472/250V CL21 9W/13W 10 μ F/200V 105°C 5000h 9W 12 Capacitor C2 10 μ F/200V 105°C 5000h 13W 13 Resistor R1/R2 SMD 1206 330K Ω 1/4W 14 Resistor R3/R4 SMD 1206 27 Ω 1/4W 9W/13W 16 P1~P4 0.65*0.65*10 17 UL FUSE L RXF-0.47 Ω 1W EE13 2.0±0.1mH Φ0.23 9W EE13 1.5±0.1mH Φ0.25 13W Adhesive Tape 130°C Magnet wire EUW 155°C Main trans. Φ6*8 0.4mH Φ0.21 Magnet wire QA-2 155°C 19 Main trans.(L1) Adhesive Tape JY-133 130°C 20 Lead wire(N) 105°C 300 V ac 24AWG 80±1.0 mm Φ9*5*3 3: 8: 3 2.5K 9W 21 O trans (T1) Φ9*5*3 3: 8: 3 5K 13W	9	Capacitor C4	223/50V SMD 0805
10 μ F/200V 105 °C 5000h 9W 12 Capacitor C2 10 μ F/200V 105 °C 5000h 13W 13 Resistor R1/R2 SMD 1206 330K Ω 1/4W 14 Resistor R3/R4 SMD 1206 27 Ω 1/4W 9W/13W 16 P1~P4 0.65*0.65*10 17 UL FUSE L RXF-0.47 Ω 1W EE13 2.0±0.1mH Φ0.23 9W EE13 1.5±0.1mH Φ0.25 13W Adhesive Tape 130 °C Magnet wire EUW 155 °C Main trans. Φ6*8 0.4mH Φ0.21 Magnet wire QA-2 155 °C 19 Main trans.(L1) Adhesive Tape JY-133 130 °C 10 Lead wire(N) 105 °C 300 V ac 24AWG 80±1.0 mm Φ9*5*3 3: 8: 3 2.5K 9W 21 O trans (T1) Φ9*5*3 3: 8: 3 5K 13W	10	Capacitor C3	102/1000V CH11 9W/13W
12 Capacitor C2 10 μ F/200V 105 °C 5000h 13W 13 Resistor R1/R2 SMD 1206 330K Ω 1/4W 14 Resistor R3/R4 SMD 1206 27 Ω 1/4W 9W/13W 16 P1~P4 0.65*0.65*10 17 UL FUSE L RXF-0.47 Ω 1W EE13 2.0±0.1mH Φ0.23 9W EE13 1.5±0.1mH Φ0.25 13W Adhesive Tape 130 °C Magnet wire EUW 155 °C Magnet wire QA-2 155 °C 19 Main trans. (L1) Adhesive Tape JY-133 130 °C 10 Lead wire(N) 105 °C 300 V ac 24AWG 80±1.0 mm Φ9*5*3 3: 8: 3 2.5K 9W 21 O trans (T1) Φ9*5*3 3: 8: 3 5K 13W	11	CapacitorC1、C5	472/250V CL21 9W/13W
13 Resistor R1/R2 SMD 1206 330K Ω 1/4W 14 Resistor R3/R4 SMD 1206 27 Ω 1/4W 9W/13W 16 P1~P4 0.65*0.65*10 17 UL FUSE L RXF-0.47 Ω 1W EE13 2.0±0.1mH Φ0.23 9W EE13 1.5±0.1mH Φ0.25 13W Adhesive Tape 130 ℃ Magnet wire EUW 155 ℃ Main trans. Φ6*8 0.4mH Φ0.21 Magnet wire QA-2 155 ℃ 19 Main trans.(L1) Adhesive Tape JY-133 130 ℃ 20 Lead wire(N) 105 ℃ 300 V ac 24AWG 80±1.0 mm Φ9*5*3 3: 8: 3 2.5K 9W 21 O trans (T1) Φ9*5*3 3: 8: 3 5K 13W			10 µ F/200V 105 °C 5000h 9W
14 Resistor R3/R4 SMD 1206 27 Ω 1/4W 9W/13W 16 P1~P4 0.65*0.65*10 17 UL FUSE L RXF-0.47 Ω 1W EE13 2.0±0.1mH Φ0.23 9W EE13 1.5±0.1mH Φ0.25 13W Adhesive Tape 130 ℃ Magnet wire EUW 155 ℃ Magnet wire QA-2 155 ℃ 19 Main trans.(L1) Adhesive Tape JY-133 130 ℃ 10 Lead wire(N) 105 ℃ 300 V ac 24AWG 80±1.0 mm Φ9*5*3 3: 8: 3 2.5K 9W 21 O trans (T1) Φ9*5*3 3: 8: 3 5K 13W	12	Capacitor C2	10 µ F/200V 105 °C 5000h 13W
16 P1~P4	13	Resistor R1/R2	SMD 1206 330K Ω 1/4W
17 UL FUSE L RXF-0.47 Ω 1W EE13 2.0±0.1mH	14	Resistor R3/R4	SMD 1206 27 Ω 1/4W 9W/13W
EE13 2.0±0.1mH	16	P1~P4	0.65*0.65*10
EE13 1.5±0.1mH	17	UL FUSE L	RXF-0.47 Ω 1W
Adhesive Tape 130 °C Magnet wire EUW 155 °C Main trans. Φ 6*8 0.4mH Φ 0.21 Magnet wire QA-2 155 °C 19 Main trans.(L1) Adhesive Tape JY-133 130 °C 20 Lead wire(N) 105 °C 300 V ac 24AWG 80±1.0 mm Φ 9*5*3 3: 8: 3 2.5K 9W 21 O trans (T1) Φ 9*5*3 3: 8: 3 5K 13W 22 Bobbin Plastic BK V-0/150 °C			EE13 2.0±0.1mH φ 0.23 9W
The control of the co			EE13 1.5±0.1mH ф 0.25 13W
Main trans. φ6*8 0.4mH φ0.21 Magnet wire QA-2 155°C 19 Main trans.(L1) Adhesive Tape JY-133 130°C 20 Lead wire(N) 105°C 300 V ac 24AWG 80±1.0 mm φ9*5*3 3: 8: 3 2.5K 9W 21 O trans (T1) φ9*5*3 3: 8: 3 5K 13W 22 Bobbin Plastic BK V-0/150°C			Adhesive Tape 130°C
Magnet wire QA-2 155℃ 19 Main trans.(L1) Adhesive Tape JY-133 130℃ 20 Lead wire(N) 105℃ 300 V ac 24AWG 80±1.0 mm Φ 9*5*3 3: 8: 3 2.5K 9W 21 O trans (T1) Φ 9*5*3 3: 8: 3 5K 13W 22 Bobbin Plastic BK V-0/150℃	18	Choke trans(L2)	Magnet wire EUW 155℃
19 Main trans.(L1) Adhesive Tape JY-133 130°C 20 Lead wire(N) 105°C 300 V ac 24AWG 80±1.0 mm			Main trans. φ6*8 0.4mH φ0.21
20 Lead wire(N) 105°C 300 V ac 24AWG 80±1.0 mm			Magnet wire QA-2 155℃
Φ 9*5*3 3: 8: 3 2.5K 9W 21 O trans (T1) Φ 9*5*3 3: 8: 3 5K 13W 22 Bobbin Plastic BK V-0/150°C	19	Main trans.(L1)	Adhesive Tape JY-133 130℃
21 O trans (T1)	20	Lead wire(N)	105℃ 300 V ac 24AWG 80±1.0 mm
22 Bobbin Plastic BK V-0/150℃			φ9*5*3 3: 8: 3 2.5K 9W
	21	O trans (T1)	Ф9*5*3 3: 8: 3 5K 13W
23 Magnet wire 155℃	22	Bobbin Plastic	BK V-0/150℃
	23	Magnet wire	155℃