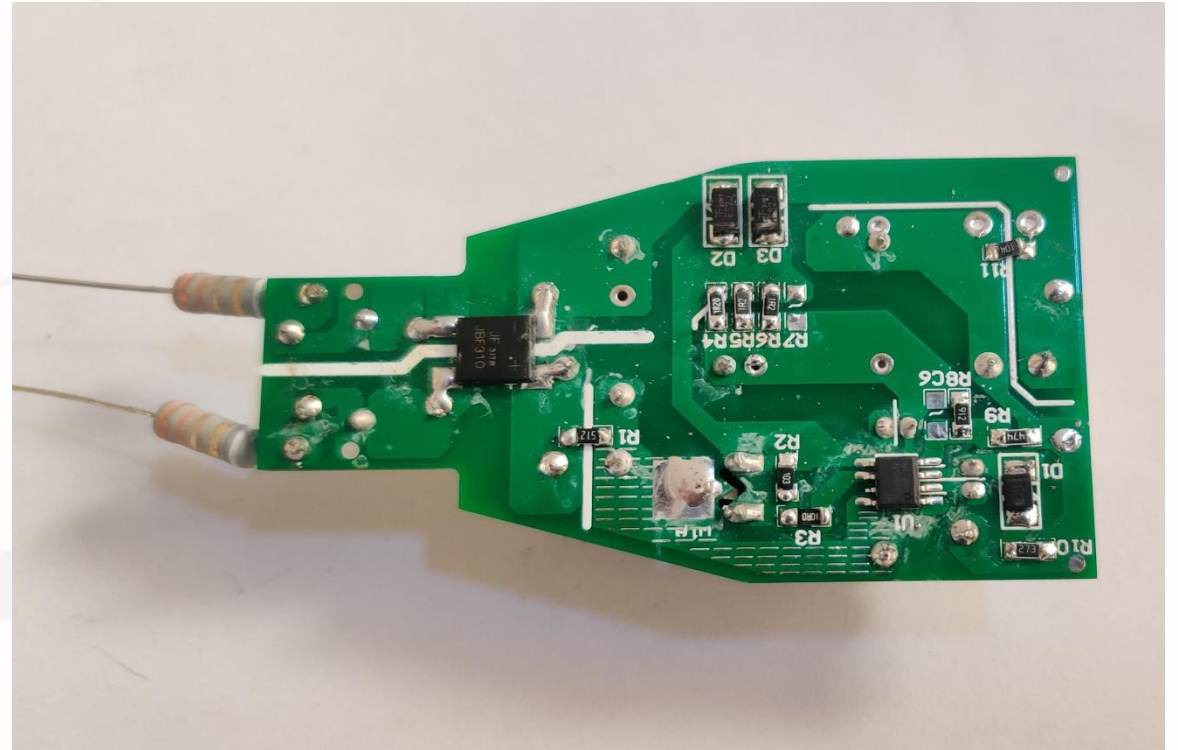
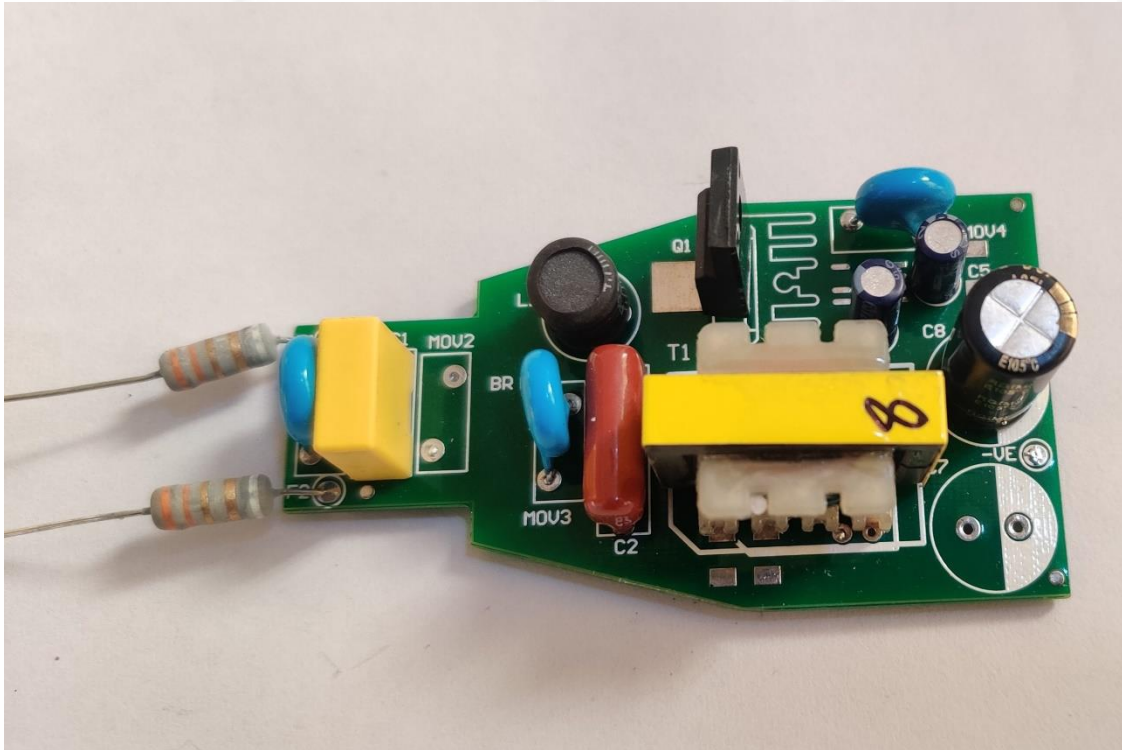




COMPONIX INDIA

# SIC9706-50W, 90V, 550mA





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# General Specifications

Solution	SIC9773B
AC Input	90V -300VAC
DC Output	90V, 550mA
Efficiency	>88%@230VAC
Power Factor	>0.95
THD	<18%@230VAC
Line Regulation	<5%
Load Regulation	<5%
Maximum Withstand Voltage	440VAC
Surge	4kV





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# Bill of Material

ITEM	DESIGNATION	SPECIFICATION	MODEL	QTY	UNIT	PLACE
1	PCB	FR-4 1.2mm	16*190mm	1	PCS	Main PCB
2	IC	SIC9706	SOP8	1	PCS	U1
3	Resistor	100KR $\pm$ 5%	1206	1	PCS	R1
4	Resistor	750KR $\pm$ 5%	1206	2	PCS	R2、R3
5	Resistor	1.2MR $\pm$ 5%	1206	0	PCS	R8
6	Resistor	47R $\pm$ 1%	1206	1	PCS	R9
7	Resistor	10KR $\pm$ 1%	0805	1	PCS	R10
8	Resistor	1.5R $\pm$ 5%	1206	2	PCS	RS1、RS2
9	Resistor	100KR $\pm$ 5%	1206	1	PCS	R11
10	Resistor	2.7KR $\pm$ 5%	0805	1	PCS	R15
11	Resistor	150KR $\pm$ 5%	1206	1	PCS	R16
12	Resistor	68R $\pm$ 5%	1206	1	PCS	R17
13	Resistor	15KR $\pm$ 5%	1206	1	PCS	R18
14	Capacitor	220PF $\pm$ 20% 500V X7R	1206	1	PCS	C8
15	Capacitor	33PF $\pm$ 20% 50V X7R	1206	1	PCS	C9

ITEM	DESIGNATION	SPECIFICATION	MODEL	QTY	UNIT	PLACE
16	Rectifier Bridge	MB207S	SOIC-4	1	PCS	D5
17	Diode	M7	TO-214AC	1	PCS	D4
18	Diode	ES1J	TO-214AC	1	PCS	D3
19	Diode	ES2J	TO-214AC	1	PCS	D1、D2
20	Fuse Resistor	10R±5%	1W	2	PCS	F1、F2
21	MOV	10D511-ZOV	Φ 1.0、510V	3	PCS	VR1~3
22	Film Capacitor	150nF±10% 630V	d=10mm	1	PCS	C5
23	Film Capacitor	220nF±10% 400V	d=10mm	2	PCS	C4、C11
24	EL Capacitor	150uF±20% 100V 105°C Low ESR	Φ 10*17mm	2	PCS	EC3、EC5
25	EL Capacitor	10uF±20% 400V 105°C Low ESR	Φ 10*17mm	1	PCS	EC4
26	Inductor	RD8*10 L=4.7mH±5%	Φ 8*10mm	1	PCS	L1
27	Inductor	EE13-10 L=0.25mH±5%		2	PCS	TA、TA1



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