

ACT30B-18W BOM

系列		3.3V4A	5V3A	9V1.6A	12V1.4A	24V0.75A	文件首页
序号	位置名称	规格	规格	规格	规格	规格	厂家
1	R1	晶片电阻	1M Ω , 1206, 5%	1M Ω , 1206, 5%	1M Ω , 1206, 5%	1M Ω , 1206, 5%	1M Ω , 1206, 5%
2	R2	晶片电阻	1M Ω , 1206, 5%	1M Ω , 1206, 5%	1M Ω , 1206, 5%	1M Ω , 1206, 5%	1M Ω , 1206, 5%
3	R3	晶片电阻	200K Ω , 1206, 5%	200K Ω , 1206, 5%	200K Ω , 1206, 5%	200K Ω , 1206, 5%	200K Ω , 1206, 5%
4	R4	晶片电阻	200K Ω , 1206, 5%	200K Ω , 1206, 5%	200K Ω , 1206, 5%	200K Ω , 1206, 5%	200K Ω , 1206, 5%
5	R5	晶片电阻	200K Ω , 1206, 5%	1.5K Ω , 0805, 5%	2K Ω , 0805, 5%	2K Ω , 0805, 5%	200K Ω , 1206, 5%
6	R6	晶片电阻	680K Ω , 1206, 5%	680K Ω , 1206, 5%	680K Ω , 1206, 5%	680K Ω , 1206, 5%	680K Ω , 1206, 5%
7	R7	碳膜电阻	680K Ω , 0.25W, 5%	680K Ω , 0.25W, 5%	680K Ω , 0.25W, 5%	680K Ω , 0.25W, 5%	680K Ω , 0.25W, 5%
8	R8	晶片电阻	100 Ω , 0805, 5%	100 Ω , 0805, 5%	150 Ω , 0805, 5%	150 Ω , 0805, 5%	100 Ω , 0805, 5%
9	R9	晶片电阻	200 Ω , 0805, 5%	200 Ω , 0805, 5%	200 Ω , 0805, 5%	200 Ω , 0805, 5%	200 Ω , 0805, 5%
10	R10	晶片电阻	22 Ω , 0805, 5%	22 Ω , 0805, 5%	22 Ω , 0805, 5%	22 Ω , 0805, 5%	22 Ω , 0805, 5%
11	R11	晶片电阻	5.1K Ω , 0805, 5%	9.1K Ω , 0805, 5%	3.3K Ω , 0805, 5%	3K Ω , 0805, 5%	2.7K Ω , 0805, 5%
12	R12	晶片电阻	9.1K Ω , 0805, 5%	10K Ω , 0805, 5%	9.1k Ω , 0805, 5%	12k Ω , 0805, 5%	24K Ω , 0805, 5%
13	R13	晶片电阻	100 Ω , 0805, 5%	100 Ω , 0805, 5%	100 Ω , 0805, 5%	100 Ω , 0805, 5%	100 Ω , 0805, 5%
14	R14	晶片电阻	1K, 0805, 5%	1K, 0805, 5%	1K, 0805, 5%	1K, 0805, 5%	1K, 0805, 5%
15	R15	晶片电阻					
16	R16	晶片电阻	47K Ω , 0805, 5%	47K Ω , 0805, 5%	47K Ω , 0805, 5%	47K Ω , 0805, 5%	47K Ω , 0805, 5%
17	R17	晶片电阻	51 Ω , 0805, 5%	51 Ω , 0805, 5%	51 Ω , 0805, 5%	51 Ω , 0805, 5%	200 Ω , 0805, 5%
18	R18	晶片电阻	1.5K Ω , 0805, 5%	3K Ω , 0805, 5%	3.9K Ω , 0805, 5%	6.2K Ω , 0805, 5%	12K Ω , 0805, 5%
19	C1	安规电容	X2, 0.1 μ F/250V, 12*12*6, P=10	X2, 0.1 μ F/250V, 12*12*6, P=10	X2, 0.1 μ F/250V, 12*12*6, P=10	X2, 0.1 μ F/250V, 12*12*6, P=10	X2, 0.1 μ F/250V, 12*12*6, P=10
20	C2	电解电容	400V/33 μ F, 16*25, 105 $^{\circ}$ C	400V/33 μ F, 16*25, 105 $^{\circ}$ C	400V/33 μ F, 16*25, 105 $^{\circ}$ C	400V/33 μ F, 16*25, 105 $^{\circ}$ C	400V/33 μ F, 16*25, 105 $^{\circ}$ C
21	C3	陶瓷电容	1KV/47P, X7R, P=5	1KV/47P, X7R, P=5	1KV/47P, X7R, P=5	1KV/47P, X7R, P=5	1KV/47P, X7R, P=5
22	C4	陶瓷电容	1KV/102K, X7R, P=5	1KV/102K, X7R, P=5	1KV/102K, X7R, P=5	1KV/102K, X7R, P=5	1KV/102K, X7R, P=5
23	C4B	晶片电容					
24	C5	陶瓷电容	100V/221K, X7R, 1206	100V/221K, X7R, 1206	100V/221K, X7R, 1206	100V/221K, X7R, 1206	100V/221K, X7R, 1206
25	C6	电解电容	10V/1500 μ F, 10*16, 105 $^{\circ}$ C	10V/1500 μ F, 10*20, 105 $^{\circ}$ C	16V/470 μ F, 8*20, 105 $^{\circ}$ C	16V/470 μ F, 8*20, 105 $^{\circ}$ C	35V/330 μ F, 10*16, 105 $^{\circ}$ C
26	C7	电解电容	10V/100 μ F, 8*16, 105 $^{\circ}$ C	10V/1000 μ F, 8*16, 105 $^{\circ}$ C	16V/1000 μ F, 10*20, 105 $^{\circ}$ C	16V/1000 μ F, 10*20, 105 $^{\circ}$ C	35V/330 μ F, 8*20, 105 $^{\circ}$ C
27	C8						
28	C9	晶片电容	50V/0.33 μ F, 0805, X7R	50V/0.33 μ F, 0805, X7R	50V/0.33 μ F, 0805, X7R	50V/0.33 μ F, 0805, X7R	50V/0.33 μ F, 0805, X7R
29	C10	电解电容	35V/22 μ F, 5*11, 105 $^{\circ}$ C	35V/22 μ F, 5*11, 105 $^{\circ}$ C	35V/22 μ F, 5*11, 105 $^{\circ}$ C	35V/22 μ F, 5*11, 105 $^{\circ}$ C	35V/22 μ F, 5*11, 105 $^{\circ}$ C

30	C11	电解电容	35V/22uF, 5*11, 105°C	35V/22uF, 5*11, 105°C	35V/22uF, 5*11, 105°C	35V/22uF, 5*11, 105°C	35V/22uF, 5*11, 105°C	
31	C12	晶片电容	50V/0.33uF, 0805, X7R	50V/0.33uF, 0805, X7R	50V/0.33uF, 0805, X7R	50V/0.33uF, 0805, X7R	50V/0.33uF, 0805, X7R	
32	C13	晶片电容	50V/0.33uF, 0805, X7R	50V/0.33uF, 0805, X7R	50V/0.33uF, 0805, X7R	50V/0.33uF, 0805, X7R	50V/0.33uF, 0805, X7R	
33	CY1	安规电容	400V/222M, Y1, P=10mm	400V/222M, Y1, P=10mm	400V/222M, Y1, P=10mm	400V/222M, Y1, P=10mm	400V/222M, Y1, P=10mm	
34	D1	二极管	1N4007, DO-41, 1KV/1A	1N4007, DO-41, 1KV/1A	1N4007, DO-41, 1KV/1A	1N4007, DO-41, 1KV/1A	1N4007, DO-41, 1KV/1A	
35	D2	二极管	1N4007, DO-41, 1KV/1A	1N4007, DO-41, 1KV/1A	1N4007, DO-41, 1KV/1A	1N4007, DO-41, 1KV/1A	1N4007, DO-41, 1KV/1A	
36	D3	二极管	1N4007, DO-41, 1KV/1A	1N4007, DO-41, 1KV/1A	1N4007, DO-41, 1KV/1A	1N4007, DO-41, 1KV/1A	1N4007, DO-41, 1KV/1A	
37	D4	二极管	1N4007, DO-41, 1KV/1A	1N4007, DO-41, 1KV/1A	1N4007, DO-41, 1KV/1A	1N4007, DO-41, 1KV/1A	1N4007, DO-41, 1KV/1A	
38	D5	二极管	UF4007, DO-41, 1KV/1A	UF4007, DO-41, 1KV/1A	UF4007, DO-41, 1KV/1A	UF4007, DO-41, 1KV/1A	UF4007, DO-41, 1KV/1A	
39	D6	二极管	LL4148, MiniMelf, 75V/0.15A	LL4148, MiniMelf, 75V/0.15A	LL4148, MiniMelf, 75V/0.15A	LL4148, MiniMelf, 75V/0.15A	LL4148, MiniMelf, 75V/0.15A	
40	D7	二极管	LL4148, MiniMelf, 75V/0.15A	LL4148, MiniMelf, 75V/0.15A	LL4148, MiniMelf, 75V/0.15A	LL4148, MiniMelf, 75V/0.15A	LL4148, MiniMelf, 75V/0.15A	
41	D8	二极管	LL4148, MiniMelf, 75V/0.15A	LL4148, MiniMelf, 75V/0.15A	LL4148, MiniMelf, 75V/0.15A	LL4148, MiniMelf, 75V/0.15A	LL4148, MiniMelf, 75V/0.15A	
42	D9A	二极管	SB540, DO-27, 40V/20A, Shottky	SB560, DO-27, 60V/5A, Shottky	SB5100, DO-27, 100V/5A, Shottky	SB5100, DO-27, 100V/5A, Shottky	ER202, DO-27, 200V/2A	
43	D9B	二极管	SB540, DO-27, 40V/20A, Shottky	SB560, DO-27, 60V/5A, Shottky				
44	D10	二极管	1N5242B, DO-35, 0.5W10VZener	1N5242B, DO-35, 0.5W10VZener	1N5242B, DO-35, 0.5W10VZener	1N5242B, DO-35, 0.5W10VZener	1N5242B, DO-35, 0.5W10VZener	
45	Q1	三极管	13003, TO220, 400V/1.5A(20~25)	13003, TO220, 400V/1.5A(20~25)	13003, TO220, 400V/1.5A(20~25)	13003, TO220, 400V/1.5A(20~25)	13003, TO220, 400V/1.5A(20~25)	吉林华微
46	IC1	IC	ACT30B, TO-92, PWM IC	ACT30B, TO-92, PWM IC	ACT30B, TO-92, PWM IC	ACT30B, TO-92, PWM IC	ACT30B, TO-92, PWM IC	ACTIVE-Semi
47	IC2	基准电路	AZ432B, TO-92	AZ431B, TO-92	AZ431B, TO-92	AZ431B, TO-92	AZ431B, TO-92	
48	IC3	光耦	PC817C, DIP4	PC817C, DIP4	PC817C, DIP4	PC817C, DIP4	PC817C, DIP4	
49	T1	变压器	EF25CORE, P-2550BOBBIN	EF25CORE, P-2550BOBBIN	EF25CORE, P-2550BOBBIN	EF25CORE, P-2550BOBBIN	EF25CORE, P-2550BOBBIN	TDG
50	LF1	电感	UF10.5, 100mH	UF10.5, 100mH	UF10.5CORE(P-1020), 100mH	UF10.5CORE(P-1020), 100mH	UF10.5, 100mH	
51	LF2	电感	Φ9*5*3, 20uH	Φ9*5*3, 20uH	Φ9*5*3, 20uH	Φ9*5*3, 20uH	Φ9*5*3, 20uH	
52	F1	保险丝	250V/1.6A, 5*11, DIP	250V/1.6A, 5*11, DIP	250V/1.6A, 5*11, DIP	250V/1.6A, 5*11, DIP	250V/1.6A, 5*11, DIP	
53	TVR	压敏电阻	471M, Φ10	471M, Φ10	471M, Φ10	471M, Φ10	471M, Φ10	
54	NR1	热敏电阻	SCK033	SCK033	SCK033	SCK033	SCK033	

