

Comment	Description	Designator	Footprint	LibRef	Quantity
100nf		C1, C3, C6, C7, C8, C10, C12, C25	CAP-SMD-0805	1uF	8
10uf		C2, C26	CAP-SMD-0805	1uF	2
100uF		C9, C11, C13	CAP-TH_BD6.3-P2.50-D1.0-FD	100uF 160V 16*25	3
100nF (104) 10% 50V	贴片电容	C14, C21, C22, C30, C31	CAP-SMD-0805	0603 100nF (104) 10% 50V	5
10uF (106) 10% 50V	贴片电容	C15, C16, C17, C18, C19, C28, C29	CAP-SMD-0805	1206 10uF (106) 10% 50V	7
4.7uF (475) 10% 25V	贴片电容	C20	CAP-SMD-0805	0805 4.7uF (475) 10% 25V	1
1nF (102) 10% 50V	贴片电容	C23	CAP-SMD-0805	0603 1nF (102) 10% 50V	1
47pF (470) 5% 50V	贴片电容	C24	CAP-SMD-0805	0603 47pF (470) 5% 50V	1
10uF	Polarized Capacitor (Surface Mount)	C27, C32	CAP-TH_BD6.3-P2.50-D1.0-FD	Cap Pol3	2
1N4148W-TP		D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11	SMA	1N4148W-TP	11
B340A-13-F	肖特基二极管	D12	SMA	DIODE SCHOTTKY	1
SMBJ24A	TVS	D13	SMA	DIODE SCHOTTKY	1
157J	1812	F1	保险丝-1812	FUSE	1
S1A050000		K1, K2, K3	RELAY-TH_S1A050000	S1A050000	3
ZMPT107		L1	XFMR-TH_ZMPT107-1 - duplicate	ZMPT107	1
6.8uH	INDUCTOR	L2	CDRH124	INDUCTOR	1
LED		LED1, LED2, LED3	LED 0805R	L-C292WDT-5A-YY	3
LED		LED4, LED5, LED6	LED 0805W	L-C292WDT-5A-YY	3
BNC	BNC Elbow Connector	P1, P2	BNC_RA CON	BNC	2
Header 2	Header, 2-Pin	PI1	HDR1X2	Header 2	1
SS8050		Q1, Q2, Q3	SOT-23-3 L2.9-W1.3-P1.90-LS2.4-BR	SS8050	3
25k		R1, R2, R3, R4	RES-SMD-0805	RTT053904FTP	4
2.2K		R5	RES-SMD-0805	RTT053904FTP	1
10K		R6	RES-SMD-0805	RTT053904FTP	1
6.8K		R7, R35, R37, R41	RES-SMD-0805	RTT053904FTP	4
1.8k		R8	RES-SMD-0805	RTT053904FTP	1
1k		R9, R13, R14, R16, R17, R18, R19, R21, R22, R23	RES-SMD-0805	RTT053904FTP	10
20k		R10	RES-SMD-0805	RTT053904FTP	1
1.2K		R11	RES-SMD-0805	RTT053904FTP	1
200K		R12	RES-SMD-0805	RTT053904FTP	1
2K		R15, R32, R43, R44	RES-SMD-0805	RTT053904FTP	4
12K		R20	RES-SMD-0805	RTT053904FTP	1
33K		R24, R42, R48	RES-SMD-0805	RTT053904FTP	3
4.7k		R25, R26, R27, R28, R29, R31	RES-SMD-0805	RTT053904FTP	6
10M		R30, R47, R50	RES-SMD-0805	RTT053904FTP	3
470		R33, R39, R46	RES-SMD-0805	RTT053904FTP	3
120		R34, R45, R49	RES-SMD-0805	RTT053904FTP	3
100		R36, R38, R40	RES-SMD-0805	RTT053904FTP	3
2KΩ (2001) ±1%	贴片电阻	R51	RES-SMD-0805	0603 2KΩ (2001) 1%	1
10KΩ (1002) ±1%	贴片电阻	R52	RES-SMD-0805	0603 10KΩ (1002) 1%	1
5.1KΩ (5101) ±1%	贴片电阻	R53	RES-SMD-0805	0603 5.1KΩ (5101) 1%	1
332KΩ(3323) ±1%	贴片电阻	R54	RES-SMD-0805	0603 6.8KΩ (6801) 1%	1
68.1KΩ(6812) ±1%	贴片电阻	R55	RES-SMD-0805	0603 6.8KΩ (6801) 1%	1
1.91KΩ(1911) ±1%	贴片电阻	R56	RES-SMD-0805	0603 6.8KΩ (6801) 1%	1
29.4KΩ(2942) ±1%	贴片电阻	R57	RES-SMD-0805	0603 6.8KΩ (6801) 1%	1
1KΩ (1001) ±1%	贴片电阻	R58	RES-SMD-0805	0603 1KΩ (1001) 1%	1
0		R59	RES-SMD-0805	RTT053904FTP	1
Test Point		TP1, TP2, TP3, TP4	Test Point	Test Point	4
AD8608ARZ		U1	SOP14_M	AD8608ARZ	1
AD8512		U2, U3	SOP-08	AD8512	2
LM358		U4, U7, U8	SOP-08	LM358	3
LM339		U5	SOP14_M	LM339	1
tlp521		U6	OPTO-SMD-16_L20.0-W6.5-P2.54-LS10.2-BL	TLP521-4GBSM	1
TPS54331D	Buck Step Down Regulator with 3.5 to 28 V Input and 0.8 to 25 V Output, -40 to 150 degC, 8-Pin SOIC (D), Green (RoHS & no	U9	SOP-08	TPS54331D	1
tl7660		U10	SOP-08	MAX1044CPA+	1
AMS1117-3.3	低压差线性稳压 (LDO)	U11	SOT223_N	SOT-223 AMS1117-3.3	1