



Comment	Description	Designator	Footprint	LibRef	Quantity
22PF	贴片电容, 0805封装	C1, C2, C41, C42, C43	CAP - 0805	CAP - 0805	5
10UF	贴片电容, 0805封装	C3, C24, C25	CAP - 0805	CAP - 0805	3
1.2NF/2.5KV	贴片电容, 1206封装	C4	CAP - 1206	CAP - 1206	1
100NF/50V	贴片电容, 0805封装	C5, C9, C10	CAP - 0805	CAP - 0805	3
330UF/50V	电解贴片电容, 10.0MM直径	C6, C7	CAP/ELE - S100	CAP/ELE - S100	2
100UF/35V	电解贴片电容, 6.3MM直径	C8	CAP/ELE - S063	CAP/ELE - S063	1
100UF/16V	电解贴片电容, 6.3MM直径	C11	CAP/ELE - S063	CAP/ELE - S063	1
100NF/16V	贴片电容, 0805封装	C12, C19	CAP - 0805	CAP - 0805	2
100UF	电解贴片电容, 6.3MM直径	C13	CAP/ELE - S063	CAP/ELE - S063	1
100NF	贴片电容, 0805封装	C14, C16, C17, C18, C21, C26, C29, C31, C32, C33, C34, C36, C37, C39, C44, C45, G46, C47, C48, C49, C50, C51, C52, C53, C54	CAP - 0805	CAP - 0805	25
470UF	电解贴片电容, 6.3MM直径	C15	CAP/ELE - S063	CAP/ELE - S063	1
100UF	铝电容贴片B型, 3528封装	C20, C22, C23, C28, C35	CAP/TAN - B/3528	CAP/TAN - B/3528	5
47PF	贴片电容, 0805封装	C27	CAP - 0805	CAP - 0805	1
1NF	贴片电容, 0805封装	C30	CAP - 0805	CAP - 0805	1
10NF	贴片电容, 0805封装	C38	CAP - 0805	CAP - 0805	1
1UF	贴片电容, 0805封装	C40	CAP - 0805	CAP - 0805	1
IPX	GPS天线连接器	CON1, CON2	CON/IPX	CON/IPX	2
22011-32AW	汽车PCB射能, 32Pin连接器	CON3	CON/22011-32AW	CON/22011-32AW	1
MS822	二极管SMA, DO-214AC/M7封装	D1, D2, D4, D5	DIO-DO-214AC/M7	DIO/DO-214AC	4
SMB136CA	TVS, 瞬态抑制二极管	D3	DIO-DO-214AA	DIO/SMB	1
RED	贴片发光二极管, 0805封装	D6, D7, D8	LED - 0805	LED/0805	3
SMD100	贴片保险丝F2920	F1	FUSE/F2920	FUSE/SMD100	1
NMOS	MOS管, N沟道	FET1, FET2	MOS/SOT-23	MOS/FET-NMOS	2
2.54mm	普通插针, 间距2.54mm, 04X01	J1, J2	PIN/2.54 - 04X01	PIN/2.54 - 04X01	2
10UH	屏蔽功率电感, CDRH74型号, 贴片	L1	IND/CDRH74	IND/CDRH74	1
330UH	屏蔽功率电感, CDRH74型号, 贴片	L2	IND/CDRH74	IND/CDRH74	1
2.2UH	屏蔽功率电感, CDRH74型号, 贴片	L3	IND/CDRH74	IND/CDRH74	1
3.3UH	屏蔽功率电感, CDRH74型号, 贴片	L4	IND/CDRH74	IND/CDRH74	1
B2NH	贴片电感, 0805封装	L5	IND/SMD-0805	IND/SMD-0805	1
500Q/100Hz	贴片电感, 0805封装	L6, L7	IND/SMD-0805	IND/SMD-0805	2
ARG	GPS-GPS模块	M1	MOD/ARG	MOD/ARG	1
MS50SF3	蓝牙模块	M2	MOD/MS50SF3	MOD/MS50SF3	1
10KQ	1/8W, 150V, 贴片电阻, 0805封装	R1, R10, R69, R74	RES/SMD-0805	RES/SMD-0805	4
910KQ	1/8W, 150V, 贴片电阻, 0805封装	R2, R18, R20, R22, R24, R26, R28, R30, R32, R34, R36, R38, R40, R42, R44, R46, R48, R50, R52, R54, R56, R58	RES/SMD-0805	RES/SMD-0805	22
12KQ	1/8W, 150V, 贴片电阻, 0805封装	R3	RES/SMD-0805	RES/SMD-0805	1
100KQ	1/8W, 150V, 贴片电阻, 0805封装	R4, R19, R21, R23, R25, R27, R29, R31, R33, R35, R37, R39, R41, R43, R45, R47, R49, R51, R53, R55, R57, R60	RES/SMD-0805	RES/SMD-0805	22
2KQ	1/8W, 150V, 贴片电阻, 0805封装	R5, R64, R67	RES/SMD-0805	RES/SMD-0805	3
3Q	1/8W, 150V, 贴片电阻, 0805封装	R6, R7	RES/SMD-0805	RES/SMD-0805	2
4.7KQ	1/8W, 150V, 贴片电阻, 0805封装	R8, R11, R12, R70, R73	RES/SMD-0805	RES/SMD-0805	5
20KQ	1/8W, 150V, 贴片电阻, 0805封装	R9	RES/SMD-0805	RES/SMD-0805	1
51Q	1/8W, 150V, 贴片电阻, 0805封装	R13, R14, R80, R81, R82	RES/SMD-0805	RES/SMD-0805	5
1KQ	1/8W, 150V, 贴片电阻, 0805封装	R15, R16, R17, R59, R61, R62, R63, R65, R68, R71, R72, R75, R76, R77, R78, R79	RES/SMD-0805	RES/SMD-0805	16
120Q	1/8W, 150V, 贴片电阻, 0805封装	R66	RES/SMD-0805	RES/SMD-0805	1
MICRO	SIM卡座, 翻盖式	SIM1	SIM/MICRO	SIM/MICRO	1
SMD	SIM卡贴片	SIM2	SIM/SMD	SIM/SMD	1
MS22D18	微型拨动开关, 六脚两档, 贴片	SWT1	SWT/MS22D18	SWT/MS22D18	1
S8050	三极管, NPN	T1	TRIODE/SOT-23	TRIODE/NPN	1
STM32F103VE16	STM32系列单片机, LQFP-100	U1	LQFP-100 STM32F103VE16 - LQFP100	STM32F103VE16 - LQFP100	1
9MHZ	无源贴片晶振, 2P, 5032封装	U2	XTAL - 5032	XTAL - 5032	1
LM2596-ADJ	电源稳压器	U3	TO-263-5	PSVR/LM2596	1
5V	电源稳压器, AMS/LD1117系列	U4	SOT-223	PSVR/AMS/LD1117	1
3.3V	电源稳压器, AMS/LD1117系列	U5	SOT-223	PSVR/AMS/LD1117	1
TPS63201	降压转换器	U6	SOT-23-6	PSVR/TPS63201	1
AT24C02	数据存储器, EEPROM	U7	SOP-08/150MIL	AT24C02	1
LM324	四运算放大器	U8	SOP-14/150MIL	LM324	1
CD4051	模拟开关	U9, U10, U11	SOP-16/150MIL	CD4051	3
MAX3485	RS-485/RS-422收发器	U12	SOP-08/150MIL	MAX3485	1
TJA1050	CAN总线收发器	U13	SOP-08/150MIL	TJA1050	1
LM393	电压比较器	U14	SOP-08/150MIL	LM393	1
W25Q64	存储器FLASH	U15	SOP-08/208MIL	W25Q64	1
16MHZ	无源贴片晶振, 2P, HC49系列	U16	XTAL - HC49S - D	XTAL - HC49D	1
SP3232E	RS232收发器	U17	TSSOP-16	SP3232E	1