





Comment	Description	Designator	Footprint	LibRef	Quantity
35V220UF	电解电容	C1, C6	10mm-C	CAP_电解电容	2
35V220UF	电解电容	C2	8mm-C	CAP_电解电容	1
105	贴片电容0805-C	C3, C4, C5, C7	0805-C	CAP	4
10UF	贴片电容0805-C	C8, C12, C13, C16	0805-C	CAP	4
100NF	贴片电容0805-C	C11, C14, C17	0805-C	CAP	3
1NF	贴片电容0805-C	C15	0805-C	CAP	1
SS34	SS34 SMA 贴片肖特基二极管 1N5822 A型 3A/40V, 贴片整流二极管1N4007 M7 1A/1000V	D1, D3	SMA	IN4007, SS34	2
TVS36	双向 TVS瞬变抑制二极管	D2	SMD	TVS	1
TVS6.8	双向 TVS瞬变抑制二极管	D4	SMA	TVS	1
1A	贴片保险丝	F1	FU 1812	FU	1
68UH	6*8-68UH 0.3线 直插 工字型功率电感器大电流 PK0608 2A	L1	PK0608	PK0608	1
5MH	共模电感EE8.3 EE10 EE12-5MH	L2	EE8.3	EE8.3	1
47NH	贴片电感CDRH127	L3, L4	0805-R	CDRH127-L	2
LED-R	LED发光二极管	LED1, LED2, LED3, LED4, LED5, LED6, LED7, LED8, LED9, LED10, LED11, LED12, LED13, LED14, LED15, LED16, LED17, LED18, LED19, LED20, LED21, LED22, LED23, LED24, LED25, LED26, LED27, LED28, LED29, LED30, LED31, LED32, LED33, LED34, LED35, LED36, LED37, LED38, LED39, LED40, LED41, LED42, LED43, LED44, LED45, LED46, LED47, LED48, LED51, LED53, LED54, LED55, LED56, LED57, LED58, LED59, LED60, LED61, LED62, LED63, LED64	LED-0603-Red	LED_1P	61
HDR-1X2	2P接插件 单排针 间距2.54MM 2P	P1, P4, P6, P11	HDR2.54-LI-2P	HDR-1X2	4
KF2EDG-5.08-2P	插拔式接线端子 DQ/KF2EDG-5.08-6P-5.08mm	P2, P12	KF128-5.0-2P	KF2EDG-5.08-2P	2
HDR-1X16	7P接插件 单排针 间距2.54MM 7P	P3, P5, P10, P13	HDR1X16	HDR-1X7_1	4
HDR-4P	2.54mm间距 单排直针排针4P连接器	P7, P8, P9	HDR-2.54-4P	HDR2.54-4P	3
15V100mA	热敏自恢复保险丝 过流保护片 15V100mA	PTC1, PT C2	0805-R	PTC	2
361	贴片电阻0805-R	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R22, R23, R24, R25, R26, R27, R28, R29, R30, R31, R32, R34, R35, R36, R37, R38, R39, R40, R41, R42, R43, R44, R45, R46, R47, R48, R49, R55, R57, R58, R59, R60, R61, R62, R63, R64, R65, R66, R67, R68	0603-R	Res	61
511R	贴片电阻0805-R	R33	0805-R	Res	1
10K	贴片电阻0805-R	R51	0805-R	Res	1
301R	贴片电阻0805-R	R52	0805-R	Res	1
4.7K	贴片电阻0805-R	R69, R70	0805-R	Res	2
SW	微动开关	RST, S1, S2, S3, S4, S5, S6	SB-3*6*2.5	SW	7
5V	芯龙 XL1509 稳压降压芯片 贴片 SOP-8	U1	SOP-8	XL1509	1
STC32G12K128	宏晶单片机 STC32G12K128 64脚芯片	U2	LQFP64S	STC32G12K128_L QFP64S	1
2.5V	可调基准稳压芯片 2.5V	U3	SO-G3	CD431	1
MAX3085	RS85通讯芯片	U4	SOP-8	MAX3085	1