





Comment	Description	Designator	Footprint	LibRef	Quantity
BEEP	蜂鸣器	B1	BEEP 9x5.5mm	BEEP	1
220uF 16V	Polarized Capacitor (Radial)	C1, C6, C11	CAPS6.3	Cap-Solid_1	3
4.7uF ±10% 50V	贴片电容	C2, C7	CAPC3216(1206)S	Cap-Chip_1	2
100nF ±10% 50V	贴片电容	C3, C4, C10, C12, C14, C16, C18, C20, C22, C24, C25	CAPC3216(1206)S	Cap-Chip	11
47uF ±10% 50V	贴片电容	C5	CAPC3216(1206)S	Cap-Chip_2	1
100uF 25V	Polarized Capacitor (Radial)	C9	CAPS6.3	Cap-Solid	1
10uF 16V	Tantalum Capacitor	C13, C15, C17, C19, C21, C23	CAPT3216	Cap-Tan	6
BZT52C16	TRANSIENT VOLTAGE SUPPRESSOR DIODE	D1	SOD-123-L	Diode TVS Uni-Dir	1
SS54	普通二极管 Diode	D2	SMA[DO-214AC]	Diode	1
4.7uH 5A	功率电感	L1	0630 TPC 7*7*3	Ind-Power	1
翠绿贴片LED	翠绿贴片LED	LED3v3, LED5V, LEDCAM, LEDOP, LEDSteer	LEDC1608(0603)	LED Chip Green	5
SW-SPDT	单刀双掷开关 3脚船型、钮子、拨动开关 SPDT Subminiature Toggle Switch	ON/OFF	SS12D10	SW-SPDT	1
Header 3X2	Header, 3-Pin, Dual row	P1, P2, P6, P7, P8, P9, P11, P12	HDR2X3-M-SMT	Header 3X2	8
Header 8X2	Header, 8-Pin, Dual row	P3, P5, P10	HDR2X8-M-SMT	Header 8X2	3
Header 8	Header, 8-Pin	P4	HDR1X8	Header 8	1
Header 6	Header, 6-Pin	P13, P14	HDR1X6	Header 6	2
Header 4X2	Header, 4-Pin, Dual row	P15	Female-Header-2.54-SMD-8	Header 4X2	1
Header 4	Header, 4-Pin	P16	HDR1X4	Header 4	1
Header 3	Header, 3-Pin	P17, P18	HDR1X3	Header 3	2
HY19P03	HY19P03 P-Channel MOSFET	Q1	TO-252AA	HY19P03	1
S8050	Discrete NPN Bipolar Transistor	Q2	SOT-23	NPN S8050	1
4.7K ±1%	贴片电阻	R1, R14, R15, R16, R17, R18, R19, R23	RESC1608(0603)S-N	Res-Chip_4	8
1K ±1%	贴片电阻	R2	RESC1608(0603)S-N	Res-Chip_3	1
200K ±1%	贴片电阻	R3	RESC1608(0603)S-N	Res-Chip_5	1
20K ±1%	贴片电阻	R4	RESC1608(0603)S-N	Res-Chip_6	1
15K ±1%	贴片电阻	R5	RESC1608(0603)S-N	Res-Chip_7	1
10K	可调电阻	R6	RESPOT3296	Res-Adj-3p	1
3.3K ±1%	贴片电阻	R7	RESC1608(0603)S-N	Res-Chip_8	1
10K ±1%	贴片电阻	R8, R21, R24	RESC1608(0603)S-N	Res-Chip	3
100R ±1%	贴片电阻	R9, R25, R26, R27, R28, R29, R30, R31, R32, R39, R40, R41, R42, R43, R44, R45, R46	RESC1608(0603)S-N	Res-Chip_1	17
2.7K ±1%	贴片电阻	R10, R11, R12, R13	RESC1608(0603)S-N	Res-Chip_2	4
30K ±1%	贴片电阻	R20	RESC1608(0603)S-N	Res-Chip_9	1
10R ±1%	贴片电阻	R22	RESC1608(0603)S-N	Res-Chip_10	1
470R ±1%	贴片电阻	R33, R34, R35, R36, R37, R38	RESC1608(0603)S-N	Res-Chip_11	6
Button	按键	S1, S2, S3, S4	PTS810-3*4-CurvePin	KEY	4
SW DIP-2	2位拨码开关	S5	Code SW-2-DIP-2.54	Code SW-2	1
SCT2450	3.8V-36V Vin, 5A, High Efficiency Synchronous Step-down DCDC Converter with Programmable Frequency	U2	SOP-8E	SCT2450	1
SPX2940-5.0	5V LDO TO-263-3	U3	TO-263-3	LM2940-5.0	1
RT9013-33	3.3V 500mA SOT-23-5 LDO	U4, U5, U6	SOT-23-5	RT9013-33	3
TC264_CoreBoard	逐飞科技TC264核心板	U?	TC264_CoreBoard	TC264_CoreBoard	1
KF/WJ/DG 30x connector	接线端子 2Pin	电机电源1, 电机接口 2	KF/WJ/DG 301-2p-5.0mm	KF/WJ/DG 30x	2
T型插头	T型插头	电源供电	Wired T-Header ThroughHole	T_Header	1