



科睿电子科技
蜘蛛机器人主板

<https://edurobot.taobao.com>

Title		
Size A4	Number	Revision
Date: 2020/6/1	Sheet of	
File: E:\ -- \	Drawn By: S.D.	

Designator	Comment	Footprint	LibRef	Quantity	Value
C1, C3	10uF	0805C	C	2	
C2, C4, C6, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18	0.1uF	C0603	C	14	
C5, C7	C	1206C	C	2	10UF
C19, C20	直插电容	RB6/ 12/ 25-W	RB6/ 12/ 25-W	2	大电容
D1, D4	SS34	SMA	SMA	2	SMA
D2	Green	LED0603	LED0603	1	
D3, PWR	Red	LED0603	LED0603	2	
D6	SMA	SMA	SMA	1	5A
F1	1.1A	FUSE	Fuse	1	
J1	DC JACK	DC JACK 3.5	DC JACK	1	
J2	SIP4-0.254	SIP4-0.254	SIP4-0.254	1	
K1	12D06	12D06	12D06	1	
L1	贴片电感	CD34	L	1	4.7uH
logo	CRAZY	crazy1000*1000	CRAZY	1	丝印
Logo-lion	小狮子	小狮子1000*1000	小狮子	1	
P1	SIP2-0.254	PH2.0-2PW	SIP2-0.254	1	
PIN1, PIN2	SIP15-0.245	SIP15-0.254	SIP15-0.254	2	
Q1	CJ2305	SOT_23_Q	SI2301DS	1	
R1, R23	2.2K	R0603	R	2	
R2	0.4R	R0805	R	1	
R4	220K	R0603	R	1	
R5	1.2K	R0603	R	1	
R7	30K	R0603	R	1	
S1, S2, S3, S4, S5, S6, S7, S8, S9, S10	SIP3	SIP3.0-0.254	SIP3.0-0.254	10	
TK1, TK2, TK3, TK4	M3	M2.1*3.2	安装孔	4	安装孔
U1	TP3605	SOT_23_6L	TP3605	1	
U2	TP4056	TP4056	TP4056	1	