



MA438E-5+MA6599E-6 BOM					
NO	Part Type	Designator	Package	Qty	remarks
1	0.1uF	C14,C15,C16,C22,C23	0603	5	
2	10uF	C1,C2,C3,C4,C9,C10,C24,C25	0603	8	
3	100uF	C20,C21	CAP-EC.400	2	
4	18pF	C5,C6,C7,C8	0603	4	
5	1nF	C19	0603	1	
6	1pF	C13	0603	1	
7	1.2nF	C18	0603	1	
8	43pF	C17	0603	1	
9	22nH	L1	0603	1	
10	0R	R1,R8,R15	0603	3	
11	100R	R6,R7	0603	2	
12	330R	R10	0603	1	
13	51R	R12	0603	1	
14	2KR	R22	0603	1	
15	6.8KR	R19	0603	1	
16	62KR	R16	0603	1	
17	680KR	R23	0603	1	
18	10KR	R2,R3,R4,R5,R11	0603	5	
19	1MR	R13,R14,R17,R18	0603	4	
20	2N3904	Q1,Q2,Q3	SOT-23	3	
21	2N3906	Q4	SOT-23	1	
22	BL8553 3V	U6	SOT-23	1	
23	24C02	U4	SOT-25	1	
24	LTC-4054	U5	SOT-25	1	
25	12MHz	X1,X2	49/US SMD	2	
26	PAW3205	U1	Sensor	1	
27	MA438E-5	U2	LQFP64J	1	
28	Power LED	LED2	LED3*3	1	
29	4彩LED	LED1		1	
30	Sensor LED	LED3		1	
31	SW	LB,MB,RB,CPI+,CPI-,FB,BB		7	
32	ENCODER	SW_Z		1	
33	Connect	CN1	1.25mm*8P	1	
34	Power Connect	CN2	2P	1	
35	NC	R5-1,R5-11,R8-1,R20,R21,C11,C12	0603		
36	NC	Q3-1	SOT-23		
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