



汕头经济特区蜜蜂电子有限公司

SHANTOU S. E. Z. HONEY BEE ELECTRONICS CO. LTD

PAE-380 Bill of Material (Electronics)

Item	Part Number	Description	Specification	Qty	Reference	Remark
1	39-0016220494-50	Main Board	HB210X MR1.0	T=1.0/4L/FR4/Gold Plate	1 pc	
2	39-0016220484-50	Charger PCB	HB1303 Charger R1.0	T=1.6/DL/FR4/Gold Plate	1 pc	J4
3	40-1300009043-50	Wireless Module	MAR20161 V1.5	27.5mm*25mm*1mm	1 pc	J1
4	40-1310002043-50	Bluetooth	BT12001	14.5mm*11mm	1 pc	U16
5	35-0705104003-50	USB Micro B	USB-926-02B	SMD	1 pc	J2
6	38-0342081115-50	Micro Switch	EVQPUCO2K	4.5*6.5*1.75mm/12V50mA/2.2N	6 pcs	K1、K7、K8、K10、S2、S3
7	38-0342080016-50	Micro Switch	EVQPQMB55	4.5mm*4.5mm	4 pcs	K2、K5、K6、K9、
8	38-1302603051-50	Slide Switch	MSK-12C02PG1.5RC	1P2T	1 pc	K3
9	33-2202370040-50	Lithium Battery	GL655060-2000mAh PL605058-2000mAh	3.7V/2000mAh/60mm*50mm*6.5mm	1 pc	VBAT1
10	36-0022400092-50	Red/Black Wire		2pin/L=40mm/26AWG	1 pc	J4
11	29-0122885201-50	Crystal	12.288 MHZ	20PPM/SMD3225/18PF	2 pcs	Y2、Y3
12	20-0107412692-50	IC	SN74HC126PWR	TSSOP14	1 pc	U8
13	22-0005102107-50	IC	MP9102X	LQFP48	1 pc	U1
14	22-0025512102-50	IC	MCF0601(GD25Q512) RX	SOP8	1 pc	U2
15	22-0002564107-50	IC	M25P64-VME6	MLP8	1 pc	U5
16	22-0000592107-50	IC	ADSP-BF592KCPZ-ND	64LFCSP	1 pc	U4
17	22-0026032107-50	IC	SSM2603CPZ-R2CT-ND	28LFCSP	1 pc	U6
18	19-0089000111-50	IC	XC61FC2812MR	SOT-23	1 pc	U3
19	23-3100240202-50	IC	24C02	SOP8	1 pc	U7
20	19-0000032111-50	IC	LMV321ILT	SOT23-5	2 pcs	U15、U21
21	19-0040545411-50	IC	LTC4054ES5-4.2	SOT23-5	1 pc	U11
22	19-0073313311-50	IC	AP7331-33	SOT23-5/SOT-25	3 pcs	U9、U12、U13
23	19-0073311211-50	IC	AP7331-12	SOT23-5/SOT-25	1 pc	U10
24	19-0000733111-50	IC	AP7331-ADJ	SOT23-5/SOT-25	1 pc	U14
25	19-0000600111-50	IC	MCP6001T	SOT23-5	3 pcs	U20、U22、U25
26	20-0107411492-50	IC	74HC1G14	SOT-353	1 pc	U17
27	22-0008575107-50	IC	PCF8575PW / PCA8575PW	4.4mm Width TSSOP24	1 pc	U19
28	19-0100981292-50	IC	MAX9812L	SC-70	1 pc	U18
32	25-6000000005-50	EMI Filter	NFM21CC223R1H3D	SMD 0805/0.022uF/50V/2A	3 pcs	E3、E4、E6
33	35-3717514081-50	3.5mm Socket	EJ321S5B0BB0-69R	3.5MM/MIC/Stereo/Switch	1 pc	P2

34	14-7250338811-50	MOSFET	FDN338P	SOT-23	1 pc	Q3	
35	14-4008050411-50	Transister	8050	SOT-23	3 pcs	Q1、Q5、Q8	
36	14-5008550411-50	Transister	8550	SOT-23	1 pc	Q4	
38	25-4000015402-50	Bead	1500Ω	1500 ohm @ 100MHz SMD0402 100mA	6 pcs	L5、L7-L11	
39	25-4000460303-50	Bead	600Ω	600 ohm @ 100MHz SMD0603 300mA	2 pcs	L1-L2	
40	25-4000900303-50	Inductor	3.9nH	SMD0402 +/-5%	1 pc	L103	
41	25-4000470303-50	Inductor	4.7nH	SMD0402 +/-5%	1 pc	L101	
42	25-400082303-50	Inductor	8.2nH	SMD0402 +/-5%	1 pc	L102	
43	25-4000460303-50	Inductor	15nH	SMD0402 +/-5%	1 pc	L4	
44	14-0214148824-50	Diode	CD4148	SMD0805	2 pcs	D2、D7	
41	14-0214132824-50	Diode	ESD5Z5.0T1	SOD-523	6 pcs	D8、D12~D15、D29	
47	16-202300203-50	LED	S191W L21-MTH	SMD 0603/White	12 pcs	D3~D6、D19~D26	
48	16-2703000016-50	LED	S170USRYG-MTH	SMD/2X1.2MM/Red/Green BiColor	1 pc	D1	
49	16-2703200016-50	LED	S150RB21-MTL	SMD1206/Red/Blue Bi-Color	1 pc	LD1	
46	10-0610013303-50	Resistor	100Ω	CRA034R, ±5%	1 pcs	RP2	
42	10-0610022303-50	Resistor	220Ω	CRA034R, ±5%	2 pcs	RP3、RP10	
47	10-0610033003-50	Resistor	10KΩ	CRA034R, ±5%	4 pcs	RP1、RP4、RP7、RP8	
54	10-0500003202-50	Resistor	0Ω	SMD 0402 ±5%	2 pcs	R45、L3	
55	10-0500003203-50	Resistor	0Ω	SMD 0603 ±5%	2 pcs	R6、R13	
56	10-0500003213-50	Resistor	2.2Ω	SMD 0603 , +/-5%	1 pc	R9	
57	10-0500003223-50	Resistor	3.3Ω	SMD 0402 , +/-5%	2 pcs	R25、R27	
59	10-0533003302-50	Resistor	33Ω	SMD 0402 , +/-5%	3 pcs	R62、R83、R97	
60	10-0510013302-50	Resistor	100Ω	SMD 0402 , +/-5%	1 pcs	R4	
54	10-0533011302-50	Resistor	330Ω	SMD 0402 , +/-1%	7 pcs	R26、R35、R52、R56、R73,R104-R105	
		Resistor					
62	10-0533013203-50	Resistor	330Ω	SMD 0603 , +/-5%	1 pc	R36	
65	10-0510023202-50	Resistor	1KΩ	SMD 0402 , +/-5%	9 pcs	R1、R2、R18、R55、R98-R101、R106	
		Resistor					
66	10-0522021302-50	Resistor	2.2KΩ	SMD 0402 , +/-1%	4 pcs	R7、R63、R80、R94	
62	10-0530021302-50	Resistor	3KΩ	SMD 0402 , +/-1%	1 pcs	R64	
68	10-0547023202-50	Resistor	4.7KΩ	SMD 0402 , +/-5%	1 pcs	R39	
69	10-0556023302-50	Resistor	5.6KΩ	SMD 0402 , +/-5%	6 pcs	R42~R44、R53、R54、R92	
70	10-0510033202-50	Resistor	10KΩ	SMD 0402 , +/-5%	31 pcs	R3、R5、R8、R11、R14、R17、R19、R21、R31~R34、R37、R59~R61、R65、R68、R69、R71、R74~R78、R84~R87、R102、R103	
		Resistor					
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71	10-0510231302-50	Resistor	10.2KΩ	SMD 0402 , +/-1%	1 pc	R72	

71		Resistor	22K Ω	SMD 0402 , +/-5%	4 pcs	R111, R114, R129, R131	
72	10-0547033202-50	Resistor	47K Ω	SMD 0402 , +/-5%	3 pcs	R46、R48、R49	
73	10-0556031202-50	Resistor	56K Ω	SMD 0402 , +/-1%	6 pcs	R79、R81、R82、 R93、R95、R96	
		Resistor					
74	10-0510043202-50	Resistor	100K Ω	SMD 0402 , +/-5%	14 pcs	R24、R38、R51、R57、R66、 R67、R108、R110、 R126~R128,R113, R112, R130	
		Resistor					
75	10-0510053302-50	Resistor	1M Ω	SMD 0402 , +/-5%	5 pcs	R20、R22、R47、R50、R132	
76	12-0318023002-50	Capacitor	5pF 25V	SMD 0402 , +/-5%	3 pcs	C51、C83、C101	
77	12-0318024002-50	Capacitor	18pF 25V	SMD 0402 , +/-20%	4 pcs	C23、C24、C43、C44	
78	10-0510067302-50	Capacitor	47pF 25V	SMD 0402 , +/-20%	4 pcs	C104、C105、C115、C116	
79	12-0310142002-50	Capacitor	100pF 25V	SMD 0402 , +/-20%	2 pcs	C56、C66	
80	12-0322143002-50	Capacitor	220pF 25V	SMD 0402 , +/-10%	5 pcs	C50、C53、C55、C61、C62、	
81	12-0310243002-50	Capacitor	1000pF 25V	SMD 0402 , +/-10%	1 pc	C32	
82	12-0310324002-50	Capacitor	0.01uF 25V	SMD 0402 , +/-20%	8 pcs	C28-C31、C35-C38	
83	12-0310435002-50	Capacitor	0.1uF 25V	SMD 0402 , +80-20%	50 pcs	C1~C10、C12、C14、C16、 C18~C20、C26、C27、C33、 C34、C40、C42、C46、C47、 C57、C60、C65、C67-C73、C75- C77、C79、C81、C85、C89、 C92、C93、C96~C98、C102、 C106、C117、C119	
		Capacitor					
		Capacitor					
		Capacitor					
		Capacitor					
84		Capacitor	0.47uF 16V	SMD 0402 , +/-20%	4 pcs	C103、C107、C114、C118	
84	12-0310544003-50	Capacitor	1uF 16V	SMD 0603 , +/-20%	3 pcs	C49、C52、C54	
85	12-0310625003-50	Capacitor	10uF/16V	SMD 0603 , +80-20%	17 pcs	C11、C13、C15、C17、C25、 C39、C41、C45、C48、C59、 C74、C78、C82、C84、C86、 C88、C121	
86	13-0547201001-50	Capacitor	47uF/6.3V	SMD 1206 , +/-20%,	3 pcs	C58、C80、C120	
87	13-0522301002-50	Capacitor	220uF/6.3V	220UF 6.3V 20% 1210	2 pcs	C63、C64	



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PAE-380 Bill of Material (Electronics)

Item	Part Number	Name	Specification	Qty	Mold	Remark
1	61-0120120082-50	Round cross top pointed screw	M2.0×8 / PA / Black	4 pcs		Bottom case x 4
2	65-0600010600-50	Round cross top pointed screw nuts	M2.3×4 / PA / Black	1 pc		Button