



Shenzhen Surwave Technologies Co., LTD.

Format:ST-RD-003

RB5000DU

ECO:

Ver : V1.0

NAME: Maind board

NO:

序号	Material description	Spec.	QTY.	Ref. No.
	PCBA	RB5000DU PCBA		
1	PCB板		1	
2	SMA-50H	SMA	1	ANT1
3	0402	B601	17	B1, B2, B3, B4, B5, B8, B9, B12, B24, B26, B28, B29, B30, B31, B33, B34, B35
4	0402	BLM15AG601	1	B6
5	0805	B221	2	B7, B13
6	0603	B601	2	B10, B11
7	0603	22P	1	C1
8	0402	100nF	36	C2, C3, C5, C11, C26, C31, C37, C38, C44, C45, C61, C69, C74, C80, C86, C104, C109, C114, C115, C116, C119, C132, C135, C163, C171, C177, C215, C216, C218, C223, C257, C259, C263, C269, C279, C287
9	0402	10nF	20	C6, C7, C9, C17, C40, C58, C72, C82, C127, C130, C134, C156, C162, C170, C175, C202, C209, C232, C277, C278
10	0402	470P	43	C8, C10, C13, C14, C18, C19, C25, C28, C29, C32, C33, C36, C39, C41, C42, C43, C46, C57, C67, C68, C71, C73, C75, C76, C77, C79, C83, C84, C87, C88, C89, C90, C94, C96, C97, C101, C102, C111, C113, C121, C133, C155, C184
11	ELE_SMD_D6*H5.4	100uF	2	C12, C107
12	0402	100P	10	C15, C16, C20, C21, C24, C85, C100, C131, C145, C148
13	0402	330nF	1	C22
14	0805	10uF	2	C23, C93
15	0402	1uF	22	C27, C34, C35, C78, C91, C92, C98, C99, C112, C117, C120, C137, C153, C154, C160, C161, C164, C165, C173, C174, C176, C214
16	0402	220nF	1	C30
17	0402	4P7	3	C47, C51, C54
18	0402	1P	2	C48, C49
19	0402	2P5	1	C50
20	0402	2P	1	C52
21	0402	6P	1	C53
22	0402	4P	2	C55, C56
23	0402	47P	1	C59
24	0402	12P	2	C60, C65
25	0402	10P	1	C62
26	0402	39P	1	C63
27	0603	10P	1	C64
28	0603	27P	1	C66
29	0402	2.2nF	1	C70
30	1206	22uF	6	C81, C106, C110, C118, C125, C126
31	0402	4.7nF	1	C95
32	0402	1nF	3	C103, C124, C206
33	0805	22uF	2	C105, C233
34	0402	270P	1	C123
35	0402	18P	1	C128
36	0402	220P	1	C129
37	0402	33P	2	C143, C147
38	0402	470nF	1	C152
39	0603	10uF	9	C181, C201, C203, C207, C227, C229, C236, C275, C276
40	0402	3.3nF	1	C205
41	0603	4.7uF	1	C270
42	CPF-1.0-7P	10K-MX-7P	1	CON2

43	SOD-323	BA592	4	D1, D2, D3, D9
44	SOD-323	1N4148WS	2	D4, D5
45	SOD-106	SS24	1	D6
46	CON-2PIN-2.0	CON2	2	J1, J4
47	JACK-D2.5C-A-DIP	ST-045-1	1	JK1
48	JACK-D3.5L	EJ-3507	1	JK2
49	WD-6.5X4.5	S/M	1	K1
50	WD-6.5X4.5	F	1	K2
51	WD-6.5X4.5	UP	1	K3
52	WD-6.5X4.5	DOWM	1	K4
53	WD-6.5X4.5	SF2	1	K5
54	WD-6.5X4.5	PTT	2	K6, K7
55	WD-6.5X4.5	PWR_ON	1	K8
56	0603	270nH	2	L1, L12
57	COIL-D1.6-4T-0.4	0.35X1.5X4T	4	L2, L3, L4, L5
58	0603	220nH	1	L6
59	COIL-0.31X1.5X2T	0.35*1.5*2T	1	L7
60	COIL-D0.9-7T-0.3	0.35X1.5X8T	1	L8
61	0603	2.2nH	1	L9
62	0603	15nH	1	L10
63	0805	B220	5	L11, L14, L15, L16, L17
64	4030	SWPA4034S4R7MT	1	L13
65	0603	18nH	1	L22
66	0603	33nH	1	L24
67	IND 2811	1.5uH	1	L27
68	LED2	G/R	1	LED1
69	SOD-523	Red	1	LED4
70	MIC-D6	MIC	1	MC1
71	SOT-523	DTC114EE	5	Q1, Q5, Q8, Q9, Q12
72	SOT-89	DS02	1	Q2
73	SOT-323	R26B	1	Q3
74	SOT-323	M5086A	1	Q4
75	SOT-523	DTA114YE	1	Q6
76	SOT-523	MMBT3906TT1	1	Q19
77	0402	OR	4	R1, R117, R119, R121
78	0402	47R	3	R2, R15, R120
79	0402	560K	1	R3
80	0402	100R	6	R4, R5, R14, R21, R25, R34
81	0402	51K	1	R6
82	0402	47K	5	R7, R13, R22, R23, R50
83	0402	10K	6	R8, R31, R35, R38, R65, R67
84	0402	4K7	5	R9, R11, R24, R41, R45
85	0603	10K	1	R10
86	0402	15K	1	R12
87	0402	220R	3	R16, R30, R46
88	0402	75K	1	R17
89	0402	100K	5	R18, R19, R44, R54, R118
90	0402	4R7	2	R20, R29
91	0402	200KF	2	R26, R27
92	0402	470R	6	R28, R32, R47, R48, R51, R79
93	0402	2K2	3	R33, R49, R56
94	0402	22K	1	R36
95	0402	68K	1	R37
96	0402	27K	1	R39
97	0402	12K	1	R40
98	0402	220K	1	R42
99	0402	39K	1	R43
100	0402	10R	3	R70, R113, R114
101	0402	1MR	1	R112
102	0402	3K9	1	R116
103	TP-0.5	TP	1	TP2
104	SOP-8-1.27	SGM6232	1	U1
105	QFN32-4X4	BK4819FC	1	U2

106	SOT-25	XC6219B302MR	3	U3, U6, U7
107	SOP-8-1.27	LN4871	1	U5
108	SOT-363	LN3657MR	2	U9, U10
109	LQFP64	APM32F091RCT6	1	U11
110	SOIC8-1.27	W25Q16DVSS	1	U12
111	QFN88 0.4	SCT3288	1	U14
112	VR-PCB	RB5000 VR	1	VR1
113	TCXO-2520&3225	26MHz	1	X2
114	TCXO-2016	38.4MHZ	1	X3
1	connector	PJ-D2008H-ABK1AG01E-RS	1	J1205
2	connector	PJ-D3027D-ABK7AG01E-RS	1	J1206
3	connector	DIP 2.0mm/2pin	2	SPK, PTT
4	PCB	PCB/20*12*1.6mm/RB5000	1	
5	switch	B103/10KΩ/14*2mm	1	
7	MIC	EM6050P2.8-C10&33-RF5123	1	
8	switch	6.8*6.8mm	6	
9	switch	6*6*8.5mm	2	