



Sandy5Ax1b UI BOM

Main Board TOP

No.	AWG P/N	Part Description	Vendor Part Number	Location	Q'ty
1	86512201	Sandy5Ax1b UI PCB	PCB		1
2	64451860	Wavecom module	P5186-D	U100	1
3	62152050	Low Dropout Regulator	MIC5205-2.5BM5	U201	1
4	62152051	Low Dropout Regulator	MIC5205-2.8BM5	U200	1
5	64087090	Melody IC	BU8709KN	U300	1
6	63507432	2 Input NAND	MC74VHC1G132DFT2	U301	1
7	62348710	Audio Power Amp.	LM4871MMX	U302	1
8	63346840	Analog Switch	NLAS4684FCT1	U303	1
9	61402010	Digital Transistor	KRX201U	Q100	1
10	61201300	N-channel MOSFET	SI1300DL-T1	Q300	1
11	61404021	Digital Transistor	KRC402E	Q500	1
12	61404111	Digital Transistor	KRC411E	Q502	1
13	60305050	Varistor	ICVL0505101V150PR	VR100,VR101,VR200,VR201,VR202,VR203,VR204,VR205,VR206,VR207,VR208	11
14	60305181	Varistor	ICVL0518100Y500PR	VR210,VR211,VR212,VR213	4
15		Varistor/DNI		VR209,MIC100	
16	29000059	Backup Cap	PAS414NR-VE5	RB100	1
17	80000181	18Pin IO_Connector	3050-18R-0.5HTEB	CON202	1
18	80000630	SIM Card CON	GDSC-06SCS-30SMT-W/C	CON201	1
19	80000020	BATT_Connector(2Pin)	HB2P003D	CON200	1
20	80050001	RF Spring Contact	SC0200	ANT100,ANT101	2
21	83001100	Side Tact Switch	IT-1100	KEY512,KEY513	2
22	44310688	L1608/6.8nH	LMC1608T-6N8J	L102,L300,L301	2
23	42200568	L1005/5.6nH	LMC1005T-5N6J	C107	0
24	44200168	L1608/1.6nH	LMC1608T-1N6J	L103	0
25	44310109	L1608/10nH	LMC1608T-10NJ	L103	1
26	42200129	L1005/12nH	LMC1005T-12NJ	L100	1
27		L1608/DNI		L100,L101,L102	
28	21600030	C1005/3pF	GRP1555C1H3R0CZ01E	C103	0
29	21600020	C1005/2pF	GRP1555C1H2R0CZ01E	C104	0
30	21700080	C1005/8pF	GRP1555C1H8R0ZD01E	C106	0
31	21210150	C1005/15pF	GRP1555C1H150JZ01E	R109	0
32	21220180	C1005/18pF	GRP1555C1H180JZ01E	C312,C313	0
33	21220270	C1005/27pF	GRP1555C1H270JZ01E	C306	1
34	21220330	C1005/33pF	GRP1555C1H330JZ01E	C211	1
35	21220101	C1005/100pF	GRP1555C1H101JD01E	C307,C312,C313,R109	4
36	21320471	C1005/470pF	GRP1555C1H471JZ01E	C205,C207	2
37	21330222	C1005/2.2nF	GRP155R71H222KA01E	C305	1
38	21550103	C1005/10nF	GRP155R71C103KA01E	C300	1
39	21350104	C1005/100nF	GRP155R61A104KA01E	C102,C108,C204,C206,C208,C209,C301,C302,C303,C304,C311,C314,C315	13
40	21550224	C1005/220nF	GRP155F51A224ZD02E	C308,C309	2
41	21360105	C1005/1uF	GRM155R60J105K/M	C310,C316	2
42	22600010	C1608/1pF	GRM1885C1H1R0CZ01D	L101	0
43	22360225	C1608/2.2uF	GRM188R60J225KA01D	C317	1
44		C1005/DNI		C107	
45	39460475	CAPTANTAL/4.7uF/10V/P	TMCP1A475MTRY	CT201,CT202,CT300,CT301	4
46	39460156	CAPTANTAL/15uF/6.3V/P	TMCP0J156MTRY	CT203,CT204	2
47	34461506	CAPTANTAL/150uF/10V/E	TMCM1A157MTRFY	CT200	1
48	11200000	R1005/0ohm	MCR01MZSJ000	R100,R101,R206,R308,R309,R310,R311,C103,C104,C106	10
49	11210100	R1005/10ohm	MCR01MZSJ100	R210	1
50	11221000	R1005/100ohm	MCR01MZSJ101	R202,R203,R204,R205,R504,R505,R506,R507,R508,R509	10
51	11221800	R1005/180ohm	MCR01MZSJ181	R208	1
52	11241001	R1005/1kohm	MCR01MZSJ102	R212,R500	2
53	11231201	R1005/1.2kohm	MCR01MZSJ122	R209	1
54	11232201	R1005/2.2kohm	MCR01MZSJ222	R102	1
55	11235601	R1005/5.6kohm	MCR01MZSJ562	R201,R300	2
56	11241002	R1005/10kohm	MCR01MZSJ103	R113,R207	2
57	11242202	R1005/22kohm	MCR01MZSJ223	R303,R304,R306	3
58	11246202	R1005/62kohm	MCR01MZSJ623	R307	1

59	11251003	R1005/100kohm	MCR01MZSJ104	R103,R104,R106,R107,R110, R200,R301,R302,R305	9
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Main Board BOTTOM

No.	AWG P/N	Part Description	Vendor Part Number	Location	Q'ty
1	83902480	IC, Hall(dual directional)	MLX90248	U500	1
2	61402041	Digital Transistor	KRX204E	Q501	1
3	60510007	KEY_LED/(1608)	SSCWH-102	D500,D501,D502,D503,D504, D505	6
4	60305050	Varistor	ICVL0505101V150PR	VR500,VR501,VR502,VR503,VR504, VR505,VR506,VR507,VR508	9
5	60321184	ESD array filter	ICVE21184E150R101	FILA500,FILA501,FILA502,FILA503, FILA504,FILA505,FILA506	6
6	60311184	ESD array filter	ICVE21184E150R500	FILA504	1
7	80000501	LCD FPCB Connector (50PIN Board to Board Plug CON.)	AXK850145	CON500	1
8	19201003	R1005/Thermistor/100kohm	TH053L104	TH100	1
9	21220330	C1005/33pF	GRP1555C1H330JZ01E	C101	1
10	21350104	C1005/100nF	GRP155R61A104KA01E	C100,C210,C500,C502	4
11	21550334	C1005/330nF	GRP155F51A334ZD02E	C501	1
12	11221200	R1005/120ohm	MCR01MZSJ121	R211	1
13	11232201	R1005/2.2kohm	MCR01MZSJ222	R502	1
14	11241002	R1005/10kohm	MCR01MZSJ103	R108,R503	2
15	11251003	R1005/100kohm	MCR01MZSJ104	R501	1
16	11253303	R1005/330kohm	MCR01MZSJ334	R111	1