

PART LIST

Rev.	Released date:	Description	Used for

MAIN PCB

Item	Description	Value(Part Number)	Ref	Qty	PCB DECAL	제고수량	총 제고 수량	Remark
1	MCU	AT91SAM7S64	U200	1	QFN64			
2	LCD Controller IC	CP2403-GM	U470	1				
3	LDO	EMP8935_30VF	U420, U430	2				
4	Voltage Inverter	LM2664	U440	1				
5	DC-DC Step Down	EML3406-18VF05	U410	1				
6	Charger IC	EMC5754	U400	1				
7		NC7SZ332	U370	1				
8	Audio Codec	WM8758B	U300	1	QFN32			
9		NC(BU7261G)	U360	1				
10	Low Noise AMP	BA8522RFVM	U340	1				
11	RF Transceiver	A7105	U130	1				
12	RF Switch	UPG2179TB	U101	1				
13	Low Pass Filter	LF2012 B2R4FAAT	FIL120	1				
14	SAW Filter	B9413	FIL110, FIL111	2				
15	Power AMP	RFX2401C	U120	1				
16	LNA	SKY65405	U110	1				
17	Digital Transistor	DRC3124E/DTC124EM	Q450, Q451, Q452, Q453, Q460	5				
18	16 MHz CRYSTAL	16 MHz CRYSTAL/3225	X130	1				
19	18.432MHz CRYSTAL	18.432MHz CRYSTAL	X200	1				
20	Switching Diode	DAN202U	D461	1				
21	Diode	NC(RB558W)	D360	1				
22	Varistor	NC(ICVS05300450FR/0402)	VR350, VR351, VR400, VR401, VR402, VR403	6				
23	Side View LED	LTW-2707LA/0603	LED450, LED451	2	1608			
24	LED Dual	THBFR411	LED452, LED453	2	1608			
25	Tantal Capacitor	47uF/10V/A	CT340, CT341, CT342	3	A			
26	Capacitor	0.5pF/0402	C112	1	1005			
27	Capacitor	1pF/0402	C130	1	1005			
28	Capacitor	2pF/0402	C124, C125	2	1005			
29	Capacitor	8pF/0402	C126	1	1005			
30	Capacitor	10pF/0402	C110, C128, C131, C148, C212, C213, C240	7	1005			
31	Capacitor	22pF/0402	C133	1	1005			
32	Capacitor	27pF/0402	C140, C141	2	1005			
33	Capacitor	56pF/0402	C111, C116	2	1005			
34	Capacitor	100pF/0402	C113, C114, C120, C134	4	1005			
35	Capacitor	220pF/0402	C331, C350, C351, C354, C450, C451	6	1005			
36	Capacitor	330pF/0402	C343	1	1005			
37	Capacitor	680pF/0402	C143	1	1005			
38	Capacitor	1nF/0402	C135, C215	2	1005			
39	Capacitor	10nF/0402	C144, C214	2	1005			
40	Capacitor	33nF/0402	C422, C431	2	1005			
41	Capacitor	100nF/0402	C115, C123, C142, C146, C147, C200, C202, C203, C204, C205, C208, C208, C209, C210, C211, C217, C218, C301, C307, C340, C360, C361, C362, C370, C404, C412, C420, C424, C433, C452, C470, C472	32	1005			
42	Capacitor	1uF/0402	C122, C216, C352, C363	4	1005			
43	Capacitor	NC/0402	C100, C101, C117, C121, C127	5	1005			
44	Capacitor	1uF/0603	C330	1	1608			
45	Capacitor	2.2uF/0603	C230	1	1608			
46	Capacitor	4.7uF/0603	C137, C138, C139, C201, C207, C300, C302, C303, C304, C305, C306, C308, C341, C344, C353, C400, C401, C402, C405, C406, C407, C410, C411, C421, C423, C425, C430, C432, C435, C440, C441, C442, C460	33	1608			
47	Capacitor	10uF/0603	C364, C365, C366, C461, C462, C471, C473	7	1608			
48	Power Inductor	LCD0805-3R3M-T	L410	1	3225			
49	Inductor	1.5nH/0402	L121	1	1005			
50	Inductor	1.8nH/0402	L110, L111	2	1005			
51	Inductor	4.7nH/0402	L132	1	1005			
52	Inductor	15nH/0402	L112	1	1005			
53	Inductor	1.2nH/0402	L133	1	1005			
54	Inductor	NC	L113	1	1005			
55	Resistor	0R	R110, R112, R121, R123, R215, R334, R348, R420, R430, C342, L100, L122	12	1005			
56	Resistor	10R/0402	R200	1	1005			
57	Resistor	22R/0402	R342, R343, R344	3	1005			
58	Resistor	51R/0402	R450	1	1005			
59	Resistor	100R/0402	R111	1	1005			
60	Resistor	220R/0402	L300, L301, R131	3	1005			
61	Resistor	330R/0402	R404	1	1005			
62	Resistor	680R/0402	R355, R452, R453, R454	4	1005			
63	Resistor	1K/0402	R400, R473	2	1005			
64	Resistor	1.5K/0402	R202	1	1005			
65	Resistor	2.2K/0402	R330, R331, R451, R460	4	1005			
66	Resistor	4.7K/0402	R203, R204, R205, R206, R211, R212	6	1005			
67	Resistor	6.8K/0402	R340	1	1005			
68	Resistor	10K/0402	R332, R351, R461, R462, R463, R470, R472	7	1005			
69	Resistor	22K/0402	R216, R341, R360	3	1005			
70	Resistor	47K/0402	R207, R208, R209, R213, R214, R300, R333, R350, R352, R353, R356, R410	12	1005			
71	Resistor	100K/0402	R210, R362, R363, R364, R370, R372, R373, R374	8	1005			
72	Resistor	220K/0402	R361	1	1005			
73	Resistor	1M/0402	R201	1	1005			
74	Resistor	NC/0402	R120, R122, R130, R132, R335	5	1005			
75	Tack Switch	ST-1112A	SW371, SW372, SW460	3				
76	Tack Switch	ST-1107MU	SW370, SW373	2				
77	Micro USB Connector	GU073-5P-SD-E1500	J400	1				
78	Battery Connector	MJ902B	J402	1				
79	Phone jack	TSH-395D	J330, J350	2				
80	10PIN HEADER	FH1.27*2.0*1.81*XP-10P	CON200	1				
81	Antenna	NC/BA8SB24	ANT100	1				
82	LCD	LCD	LCD440	1				수입
83	PCB	Main PCB		1				