

Vatoo Inc

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	U340	1				
3	LDO	EMP8935 18VF	U310	1				
4	LDO	EMP8935 30VF	U320, U330, U850	3				
5	Voltage Inverter	LM2664	U781	1				
6	DC-DC Step Up	RT9276	U860(NC)	1				
7	Audio Codec	WM8758B	U300	1	QFN32			
8	Low Noise AMP	NJM5532M	U740, U760	3				
9	Low Noise AMP	BA8522RFVM	U720	1				
10	RF Transceiver	A7105	U130	1				
11	RF Switch	UPG2179TB	U100	1				
12	Low Pass Filter	LF2012 B2R4FAAT	FIL120	1				
13	SAW Filter	B9413	FIL110(NC), FIL111, FIL410(NC), FIL411(NC)	4				
14	Power AMP	RFX2411N	U120	1				
15	LNA	SKY65405	U110	1				
16	Digital Transistor	DRC3124E/DTC124EM	Q350	1				
17	16 MHz CRYSTAL	16 MHz CRYSTAL/3225	X130	1				
18	18.432MHz CRYSTAL	18.432MHz CRYSTAL	X200	1				
19	NC	NC	U500, U640, U610, U620, U630, U780, U600, U700, U430, U400, FIL420, U420, U410, Q651, X430, X500, D801, D802, D803, D804, D805, D806, D800, D840, LED650, LED651, BEAD800, BEAD801, BEAD802,					
20	Switching Diode	DAN202U	D820	1				
21	TVS Diode	SMAJ5.0	D830	1				
22	Side View LED	LTW-270TLA/0603	LED350, LED351	2	1608			
23	CAP_LEAD		CAP330, CAP630, CAP740, CAP741, CAP742, CAP743, CAP780, C800, C801, C802, C803, C830, C831, C841, C842	15				수상
24	Capacitor	0.5pF/0402	C112	1	1005			
25	Capacitor	1.2pF/0402	C121	1	1005			
26	Capacitor	10pF/0402	C110, C111, C122, C123, C134, C137, C213, C214	8	1005			
27	Capacitor	22pF/0402	C133	1	1005			
28	Capacitor	27pF/0402	C142, C143	2	1005			
29	Capacitor	56pF/0402	C116	1	1005			
30	Capacitor	100pF/0402	C113, C114, C120, C139	4	1005			
31	Capacitor	180pF/0402	C741, C744, C761, C764	4	1005			
32	Capacitor	220pF/0402	C125	1	1005			
33	Capacitor	330pF/0402	C721	1	1005			
34	Capacitor	680pF/0402	C141	1	1005			
35	Capacitor	1nF/0402	C138, C216	2	1005			
36	Capacitor	10nF/0402	C140, C215	2	1005			
37	Capacitor	33nF/0402	C311, C321, C331, C852	4	1005			
38	Capacitor	100nF/0402	C115, C126, C135, C136, C144, C200, C202, C203, C204, C205, C206, C208, C209, C210, C211, C218, C340, C720, C850, C854	20	1005			
39	Capacitor	1uF/0402	C124, C217, C722, C729	4	1005			
40	Capacitor	NC/0402	C101, C102, C130, C131, C132, C401, C402, C430, C431, C432, C412, C421, C410, C411, C422, C426, C434, C437, C513, C514, C433, C442, C443, C416, C413, C414, C420, C439, C424, C701, C705, C441, C438, C516, C440, C515, C611, C621, C631, C415, C425, C435, C436, C444, C500, C502, C503, C504, C505, C506, C508, C509, C510, C511, C518, C641, C423, C517	58	1005			
41	Capacitor	100nF/0603	C740, C743, C760, C763	4	1608			
42	Capacitor	1uF/0603	C307, C750, C752, C780, C788, C789	6	1608			
43	Capacitor	4.7uF/0603	C145, C146, C147, C201, C207, C212, C300, C301, C303, C304, C305, C306, C309, C310, C312, C320, C322, C323, C330, C332, C333, C334, C335, C726, C727, C728, C745, C746, C747, C748, C765, C766, C767, C768, C784, C785, C786, C851, C853	39	1608			
44	Capacitor	10uF/0603	C341, C342, C832	3	1608			
45	Capacitor	NC/0603	C787, C700, C704, C607, C706, C707, C512, C445, C446, C447, C501, C507, C600, C601, C602, C603, C604, C605, C606, C610, C612, C620, C622, C623, C630, C632, C633, C634, C635, C702, C703, C708, C709, C781, C782, C783, C640, C642, C861, C862, C863, C843, C860	43	1608			
46	Capacitor	4.7uF/0805	C810, C811, C812, C813, C820	7	2012			
47	Capacitor	NC/0805	C804, C805	2	2012			
48	Power Inductor	LC0805-3R3M-T	L860(NC)	1	3225			
49	Inductor	2.0nH/0402	L120	1	1005			
50	Inductor	1.8nH/0402	L111, L112	2	1005			
51	Inductor	4.7nH/0402	L131	1	1005			
52	Inductor	15nH/0402	L113	1	1005			
53	Inductor	1.2nH/0402	L132	1	1005			
54	Inductor	NC	L110, L410, L420, L411, L412, L431, L413, L432	2	1005			
55	Resistor	0R	R110, R123, R124, R130, R201, R320, R330, R331, R332, R722, R724, R740, R744, R746, R747, R760, R764, R766, R767, R783, R791, C100, L130	23	1005			
56	Resistor	10R/0402	R200	1	1005			
57	Resistor	22R/0402	R743, R750, R763, R770	4	1005			
58	Resistor	51R/0402	R350	1	1005			
59	Resistor	100R/0402	R111	1	1005			
60	Resistor	220R/0402	R133, L300, L301	3	1005			
61	Resistor	680R/0402	R300	1	1005			
62	Resistor	1K/0402	R342	1	1005			
63	Resistor	1.5K/0402	R207	1	1005			
64	Resistor	2.2K/0402	R752, R753, R754, R755, R780, R781	6	1005			
65	Resistor	4.7K/0402	R203, R204, R205, R206, R212, R213	6	1005			
66	Resistor	10K/0402	R340, R341, R820	3	1005			
67	Resistor	22K/0402	R720, R721, R741, R748, R761, R768	6	1005			
68	Resistor	47K/0402	R208, R209, R210, R214, R215, R301, R310, R821	8	1005			

69	Resistor	100K/0402	R211, R360, R361, R362	4	1005			
70	Resistor	220K/0402	R742, R749, R762, R769	4	1005			
71	Resistor	1M/0402	R202, R502	2	1005			
72	Resistor	NC/0402	R120, R121, R122, R131, R132, R421, R422, R423, R431, R432, R751, R790, R410, R420, R424, R430, R501, R620, R630, R631, R632, R700, R701, R705, R706, R710, R712, C400, L430, R500, R709, R711, R650, R411, R433, L600, L601, R600, R642, R507, R503, R504, R505, R506, R512, R513, R640, R641, R702, R707, R508, R509, R510, R514, R515, R601, R610, R703, R708, R511, R660, R661, R662, R861, R860	65	1005			
73	Tack Switch	ST-1107MU	SW360, SW361, SW362, SW660(NC), SW661(NC), SW662(NC)	6				
74	USB Connector	GUSB-A-011	J630, J640(NC)	2				수입
75	10PIN HEADER	FH1.27*2.0*1.81*XP-10P	CON200, CON500(NC)	2				
76	Audio Connector	NRJ6HH	J740	1				수입
77	Audio Connector	PJ-327A	J720	1				
78	SMA Connector	SMA CON 0	CON100, CON400(NC)	2				수입
79	4pin Connector	12505WS-04	J741, J742, J810	3				
80	RF Clip	PTC0704	CLIP100, CLIP101, CLIP102, CLIP103, CLIP104, CLIP105, CLIP400(NC), CLIP401(NC), CLIP402(NC), CLIP403(NC), CLIP404(NC), CLIP405(NC)	12				
81	LCD	LCD	LCD350, LCD650(NC)	2				수입
82	DC JACK	DC-00050	J800(NC)	1				수입
83	PCB	Main PCB		1				