

PARTS LIST

NO	ITEM	REFERENCE NO.	PART DESCRIPTION	QTY	MAKER
1	ANTENNA	ANT100	HERICAL	1	DASUN
2	Chip Cap	C177	GRM39C0G010C50PT(1p)	1	MURATA
3	Chip Cap	C214	GRM39C0G1R8C50PT(1.8p)	1	MURATA
4	Chip Cap	C131	GRM39C0G020C50PT(2p)	1	MURATA
5	Chip Cap	C164A	GRM39C0G2R2B50PT(2.2p)	1	MURATA
6	Chip Cap	C213	GRM39C0G2R5B50PT(2.5p)	1	MURATA
7	Chip Cap	C209, C212	GRM39C0G030C50PT(3p)	2	MURATA
8	Chip Cap	C102	GRM39C0G3R3C50PT(3.3p)	1	MURATA
9	Chip Cap	C105, C130	GRM39C0G3R9C50PT(3.9p)	2	MURATA
10	Chip Cap	C106, C117, C120	GRM39C0G040C50PT(4p)	3	MURATA
11	Chip Cap	C132	GRM39C0G4R3C50PT(4.3p)	1	MURATA
12	Chip Cap	C103, C172, C183	GRM39C0G050C50PT(5p)	3	MURATA
13	Chip Cap	C101, C123	GRM39C0G5R6C50PT(5.6p)	2	MURATA
14	Chip Cap	C164, C168, C215	GRM39C0G060D50PT(6p)	3	MURATA
15	Chip Cap	C115, C179, C211	GRM39C0G070D50PT(7p)	3	MURATA
16	Chip Cap	C99, C210, C121, C124	GRM39C0G080D50PT(8p)	4	MURATA
17	Chip Cap	C118	GRM39C0G090D50PT(9p)	1	MURATA
18	Chip Cap	C207, C161	GRM39C0G100D50PT(10p)	5	MURATA
		C176, C185, C187			
19	Chip Cap	C108, C109, C169, C181	GRM39C0G120J50PT(12p)	4	MURATA
20	Chip Cap	C180	GRM39C0G130J50PT(13p)	1	MURATA
21	Chip Cap	C116, C312, C313	GRM39C0G150J50PT(15p)	3	MURATA
22	Chip Cap	C104, C119, C125	GRM39C0G180J50PT(18p)	3	MURATA
23	Chip Cap	C175	GRM39C0G220J50PT(22p)	1	MURATA
24	Chip Cap	C114, C122, C153, C159	GRM39C0G240J50PT(24p)	4	MURATA
25	Chip Cap	C107, C110	GRM39C0G330J50PT(33p)	2	MURATA
26	Chip Cap	C148	GRM39C0G390J50PT(39p)	1	MURATA
27	Chip Cap	C186	GRM39C0G470J50PT(47p)	1	MURATA
28	Chip Cap	C358, C360	GRM39C0G560J50PT(56p)	2	MURATA
29	Chip Cap	C170	GRM39C0G680J50PT(68p)	1	MURATA
30	Chip Cap	C196, C328	GRM39C0G101J50PT(100p)	2	MURATA
31	Chip Cap	C113	GRM39C0G151J50PT(150p)	1	MURATA
32	Chip Cap	C129, C143, C144	GRM39C0G221J50PT(220p)	3	MURATA
33	Chip Cap	C97, C128, C220, C201	GRM39C0G471J50PT(470p)	13	MURATA
		C208, C301, C352, C353			
		C350, C367, C385, C386			
		C395			
34	Chip Cap	C98, C100, C138, C137	GRM39X7R102K50PT(1n)	35	MURATA
		C156, C167, C178, C184			
		C162, C163, C171, C190			
		C191, C200, C202, C205			
		C219, C221, C225, C309			
		C329, C359, C379, C390			
		C394, C396, C398, C403			
		C406, C407, C408, C409			
		C410, C414, C4			
35	Chip Cap	C366	GRM39X7R152K50PT(1.5n)	1	MURATA
36	Chip Cap	C325, C336	GRM39X7R222K50PT(2.2n)	2	MURATA

BOW ELECTRONICS CO., LTD.
FCC ID: INJBR-100
EXHIBIT #: 5A

37	Chip Cap	C364	GRM39X7R392K50PT(3.9n)	1	MURATA
38	Chip Cap	C315	GRM39X7R472K50PT(4.7n)	1	MURATA
39	Chip Cap	C363	GRM39X7R682K50PT(6.8n)	1	MURATA
40	Chip Cap	C127, C154, C158, C174	GRM39X7R103K50PT(10n)	12	MURATA
		C197, C189, C217, C307			
		C314, C330, C369, C382			
41	Chip Cap	C321, C357	GRM39X7R153K50PT(15n)	2	MURATA
42	Chip Cap	C334	GRM39X7R183K50PT(18n)	1	MURATA
43	Chip Cap	C222, C361	GRM39X7R223K25PT(22n)	2	MURATA
44	Chip Cap	C324, C327, C365	GRM39X7R273K25PT(27n)	3	MURATA
45	Chip Cap	C332, C333, C335, C339	GRM39X7R473K25PT(47n)	13	MURATA
		C340, C341, C342, C343			
		C346, C347, C348, C349			
		C392			
46	Chip Cap	C331	GRM39X7R563K25PT(56n)	1	MURATA
47	Chip Cap	C136, C141, C142, C173	GRM39Y5V104Z25PT(100n)	25	MURATA
		C302, C303, C304, C305	BOW ELECTRONICS CO., LTD. FCC ID: INJBR-100 EXHIBIT #: 5B		
		C308, C317, C318, C320			
		C322, C344, C348, C351			
		C354, C356, C362, C368			
		C383, C387, C389, C399			
		C405			
48	Chip Cap	C146, C149, C150, C152	GRM39X7R104K16PT(100n)	6	MURATA
		C194, C195			
49	Chip Cap	C224, C316, C402	GRM39Y5V105Z10PT(1u)	3	MURATA
50	Chip Tantal	C145	TAJA104M035R(0.1u/35V)	1	AVX
51	Chip Tantal	C147, C384, C388, C413	TAJA105M016RNJ(1u/16V)	4	AVX
52	Chip Tantal	C199	TAJA225M016RNJ(2.2u/16V)	1	AVX
53	Chip Tantal	C193, C355	TAJA335M010R(3.3u/10V)	2	AVX
54	Chip Tantal	C151, C204, C216, C306	TAJB226M006RNJ(22u/6.3V)	4	AVX
55	Chip Tantal	C157, C192, C218, C223	TAJA106M010RNJ(10u/10V)	13	AVX
		C323, C337, C380, C381			
		C345, C391, C397, C404			
		C319			
56	Elect. Cap	C393	100u/10V	1	SAMYOUNG
57	Spring Coil	L104, L105, L106	0.45x1.4x3TL, 11nH(E2)	7	UCHIDA
		L107, L114, L117			
		L118			
58	Spring Coil	L100, L101, L102	0.45x1.4x4TL, 15nH(E2)	4	UCHIDA
		L103			
59	Spring Coil	L199, L120, L121, L122	0.3x1.2x5TR, 21nH(E2)	4	UCHIDA
60	Spring Coil	L116, L124	0.3x1.4x5TR, 25nH(E2)	2	UCHIDA
61	Inductor Chip	L111	LL1608-FH18NK, 18nH	1	TOKO
62	Inductor Chip	L224, L225	LL2012-F22N, 22nH	2	TOKO
63	Inductor Chip	L99	LL2012-F22N, 27nH	1	TOKO
64	Inductor Chip	L123	1008CS-122XKBC, 1.2uH	1	COIL CRAFT
65	Inductor Chip	L112, L113, L115	CL201209T-2R2K-S, 2.2uH	3	CHILISIN
66	Inductor Chip	L109	LL2012CS-332XKBC, 3.3uH	1	COIL CRAFT
67	Chip Resistor	R106, R310	MCR03 EZH J000 (0)	2	ROHM
68	Chip Resistor	R95, R128, R138, R300	MCR03 EZH J100 (10)	10	ROHM
		R313, R314, R345, R350			
		R374, R375			
69	Chip Resistor	R200	MCR03 EZH J120 (12)	1	ROHM
70	Chip Resistor	R107, R137	MCR03 EZH J150 (15)	2	ROHM
71	Chip Resistor	R149	MCR03 EZH J220 (22)	1	ROHM
72	Chip Resistor	R125	MCR03 EZH J330 (33)	1	ROHM

73	Chip Resistor	R122	MCR03 EZH J510 (51)	1	ROHM
74	Chip Resistor	R301	MCR03 EZH J121 (120)	1	ROHM
75	Chip Resistor	R225	MCR03 EZH J271 (270)	1	ROHM
76	Chip Resistor	R105, R109	MCR03 EZH J331 (330)	2	ROHM
77	Chip Resistor	R108	MCR03 EZH J471 (470)	1	ROHM
78	Chip Resistor	R335	MCR03 EZH J511 (510)	1	ROHM
79	Chip Resistor	R121, R129	MCR03 EZH J561 (560)	2	ROHM
80	Chip Resistor	R302, R303	MCR03 EZH J681 (680)	2	ROHM
81	Chip Resistor	R110, R147, R391, R392	MCR03 EZH J102 (1K)	9	ROHM
		R393, R406, R418, R4, R7			
82	Chip Resistor	R140, R141, R146	MCR03 EZH J122 (1.2K)	3	ROHM
83	Chip Resistor	R388	MCR03 EZH F122 (1.2K)	1	ROHM
84	Chip Resistor	R343, R358	MCR03 EZH J152 (1.5K)	2	ROHM
85	Chip Resistor	R120	MCR03 EZH J202 (2K)	1	ROHM
86	Chip Resistor	R104	MCR03 EZH J222 (2.2K)	1	ROHM
87	Chip Resistor	R347	MCR03 EZH J242 (2.4K)	1	ROHM
88	Chip Resistor	R114, R139, R312	MCR03 EZH J332 (3.3K)	3	ROHM
89	Chip Resistor	R143, R148, R326, R336	MCR03 EZH J472 (4.7K)	8	ROHM
		R364, R371, R416, R3			
90	Chip Resistor	R348	MCR03 EZH J512 (5.1K)	1	ROHM
91	Chip Resistor	R127	MCR03 EZH J562 (5.6K)	1	ROHM
92	Chip Resistor	R115, R124, R339, R381	MCR03 EZH J682 (6.8K)	4	ROHM
93	Chip Resistor	R100	MCR03 EZH J752 (7.5K)	1	ROHM
94	Chip Resistor	R117, R142, R363	MCR03 EZH J822 (8.2K)	3	ROHM
95	Chip Resistor	R101, R126, R359, R362	MCR03 EZH J103 (10K)	11	ROHM
		R369, R2, R412, R413			
		R414, R376, R402			
96	Chip Resistor	R102, R123, R145	MCR03 EZH J123 (12K)	3	ROHM
97	Chip Resistor	R98, R360, R2	MCR03 EZH J153 (15K)	3	ROHM
98	Chip Resistor	R325	MCR03 EZH J183 (18K)	1	ROHM
99	Chip Resistor	R377	MCR03 EZH J203 (20K)	1	ROHM
100	Chip Resistor	R373, R405	MCR03 EZH J223 (22K)	2	ROHM
101	Chip Resistor	R365, R366, R372	MCR03 EZH J243 (24K)	3	ROHM
102	Chip Resistor	R337, R338, R340, R341	MCR03 EZH J273 (27K)	4	ROHM
103	Chip Resistor	R346, R354, R367	MCR03 EZH J333 (33K)	3	ROHM
104	Chip Resistor	R319	MCR03 EZH J363 (36K)	1	ROHM
105	Chip Resistor	R132, R378	MCR03 EZH J393 (39K)	2	ROHM
106	Chip Resistor	R133, R151, R1	MCR03 EZH J433 (43K)	3	ROHM
107	Chip Resistor	R144, R111, R112, R316	MCR03 EZH J473 (47K)	16	ROHM
		R333, R334, R384, R5, R6			
		R397, R398, R399, R400			
		R403, R407, R415			
108	Chip Resistor	R389, R390	MCR03 EZH F473(47K)	2	ROHM
109	Chip Resistor	R821	MCR03 EZH J683 (68K)	1	ROHM
110	Chip Resistor	R387	MCR03 EZH F753 (75K)	1	ROHM
111	Chip Resistor	R118, R342, R355, R379	MCR03 EZH J823 (82K)	4	ROHM
112	Chip Resistor	R318, R320, R321, R322	MCR03 EZH J913 (91K)	8	ROHM
		R323, R329, R330, R331			
113	Chip Resistor	R317	MCR03 EZH J104 (100K)	1	ROHM
114	Chip Resistor	R99, R370	MCR03 EZH J124 (120K)	2	ROHM
115	Chip Resistor	R304	MCR03 EZH J154 (150K)	1	ROHM
116	Chip Resistor	R327	MCR03 EZH J224 (220K)	1	ROHM
117	Chip Resistor	R357, R361, R368	MCR03 EZH J334 (330K)		
118	Chip Resistor	R311	MCR03 EZH J434 (430K)		
119	Chip Resistor	R103, R150	MCR03 EZH J514 (510K)		
120	Chip Resistor	R113	MCR03 EZH J914 (910K)		

121	Chip Resistor	R306	MCR03 EZH J105(1M)	1	ROHM
122	Transistor	Q100	AT31033	1	HP
123	Transistor	Q101, Q102, Q103, Q104	2SC3356-T1B (R25)	6	NEC
		Q107, Q108			
124	Transistor	Q105	BLT50	1	PHILIPS
125	Transistor	Q99	KRC103S	1	KEC
126	Transistor	Q106	KTA1504-Y	1	KEC
127	Transistor	Q304	KRC102S	1	KEC
128	Transistor	Q308, Q309	KRA110S	2	KEC
129	Transistor	Q305, Q307, Q311	KRA224S	3	KEC
130	Semi Fixed VR	VR100, VR802	TMC3KJ B20KTR, 20K	2	NOBLE
131	Semi Fixed VR	VR101, VR102	TMC3KJ B100KTR, 100K	2	NOBLE
132	Diode	D1	KDS181S	1	KEC
133	Diode	D103	KDS193S	1	KEC
134	Diode	D107, D108	KDV153C	2	KEC
135	Diode	D100, D105, D109, D301	KDS226S	4	KEC
136	Pin Diode	D101, D102, D104, D106	MMBV3401LT1(SOP)	4	MOTOROLA
137	LED	LED301, LED302	HSMG-C170(GREEN)	2	HP
138	LED	LED303	HSMF-C155(BI-COLOR)	1	HP
139	IC	IC100	MC3361CD	1	MOTOROLA
140	IC	IC101	TB31202FN	1	TOSHIBA
141	IC	IC302	TK11240	1	TOKO
142	IC	IC303, IC304	NJU4053BV	2	NJRC
143	IC	IC305, IC306, IC308	NJM324V	3	NJRC
144	IC	IC309	NJM386BM	1	NJRC
145	IC	IC310	93C46J	1	CATALYST
146	IC	IC301	HD404889	1	HITACHI
147	Trimmer Cap	TC101	TZV02Z060A110T00, (6P)	1	MURATA
148	Trimmer Cap	TC100	TZV02Z100A110T00, (10P)	1	MURATA
149	Trimmer Cap	TC103	TZC03P200A110T00, (20P)	1	MURATA
150	Thermistor	TH102	NT73-2A 33Kohm	1	KOA
151	Thermistor	TH1	NT73-2A 2.2Kohm	1	KOA
152	Thermistor	TH2	NTH5G35A472J01TE 4.7Kohm	1	MURATA
153	Quad Coil	T100	303LC-K5004NK = P3(455KHz)	1	TOKO
154	Crystal Filter	X100	UM-1 21M08AU (21.4MHz)	1	KONY
155	Ceramic Filter	X102	LTM455HT(455KHz)	1	CQ
156	Crystal	X301	CSA-309(4.194304MHz)	1	CITIZEN
157	Crystal	X101	20.945MHz	1	EPSON
158	Crystal	X103	12.8MHz	1	HYOSUNG
159	Tact Switch	SW302	DBT-1104B	1	DONGBU ELECT.
160	Round Volume	VR901	093VS 15F B20K	1	DONGBU ELECT.
161	Phonejack	J301	KPJ2550-04-SMT	1	KOREANA
162	Phonejack	J302	KPJ3550-04-SMT	1	KOREANA
163	Speaker	SP301	36-8B-52F1	1	KIRIN
164	Microphone	MIC301	OB-27 P42	1	BOSUNG
165	LCD	LCD301	GD-1123	1	XIAMEN OCULAR
166	PCB(SUB)		12 X 40 X 0.8T (FR4-2Layer)	1	JINHUNG
167	PCB(MAIN)		49.8 X 92.7 X 0.8T(FR4-4Layer)	1	JINHUNG

BOW ELECTRONICS CO., LTD.

FCC ID: INJBR-100

EXHIBIT #: 50