-This sheet is the bill of material for the Celluar

PG1810_E/S.xls

-MODEL NAME : PG1810(Corona) -COUNTRY :

-SPEC : -REVISION NO : 3.0

-FREQ. : GSM850/DCS1800/PCS1900 -REVIED DATE : 2006/01/16

A	xxxxxxxx	CDMA CELLULAR	MAIN B'D ASS'Y							
A-1		MAIN B'D_BOTTOM								
No	Part Number	Description	Specification	Vendor	Q'TY	Location	Remark			
							Pb-Free	LAB	factory	Status
1	54300000094	DBB	AD6528DABCZ_PB FREE BGA 204	ADI	1	U201				
2	54300000087	ABB	AD6535ABCZ_Pb Free	ADI	1	U202				
3	54100000164	MEMORY	S71PL256NC0HFW5B0	AMD	1	U203				
4	54301000060	RF CHIPSET	SI4210	한국 유니체스	1	U306				
5	52499000005	FEM	ESHS-M080SF	HITACH METAL	1	U301				
6	52300000096	PAM	SKY77328//CX77328	SKYWORKS	1	U303				
7	54208000003	MELODY IC	IC-AUDIO,YMU792(MX-51) WLCSP 67	YAMAHA	1	U117				
8	54205000113	AMP	IC-AMP, TPA6203A1ZQVR BALL GRID ARRAY 8	TI	2	U107,U108				
9	52399000112	Bluetooth Module	LBMA46NDE2	MURATA	1	U119				
10	54201000413	REGULATOR	XC6209B282DR	TOREX	1	U118				
11	54201000412	REGULATOR	XC6209B182DR	TOREX	1	U114				
12	54201000572	REGULATOR	XC6209B332DR	TOREX	1	U121				
13	54201000387	REGULATOR	XC6209F282MR	TOREX	1	U302				
14	54200000081	ANALOG SWITCH	ANALOG SWITCH-FSA2267L10X	FAIRCHILD	3	U102,U113,U115				
15	54203000054	OVP	NUS3045	ONSEAMI	1	Q103				
16	52199000145	USB	PACUSB-U3R_Pb Free	CMD	1	U103				
17	54299000253	GATE	NC7SZ08L6X	FAIRCHILD	1	U110				
18	54299000565	level shifter	FXLP34L6X	FAIRCHILD	1	U116				
19	53399000024	ATTENUATOR	RAC101A3CTH, 3dB	KAMAYA	2	U304,U305				
20	52200000121	TCXO	KT21F-DCV28B-26M 1H 26MHZ F 4	KYOCERA	1	U307				
21	52202000080	OSCILLATOR	SG-3030LC 32.768KHz -18/+23 PPM	EPSON	1	X101				
22	52202000050	CRYSTAL	VIB-Q13MC1461000200,32.768kHz,12.5pF	EPSON	1	Y201				
23	54204000044	MAGNETIC SWICH	EM-1681	ASAHI KASEI	1	U112				
24	50300000336	TRANSISTOR	MIMD10A	DIODES	1	U111				
25	50300000367	TRANSISTOR	KRC405V	KEC	1	Q202				
26	50300000194	TRANSISTOR	TR-GEN,KTC4072V VSM	KEC	1	Q203				
27	50301000157	FET-P_CHANNEL	Si7703EDN-T1-E3_Pb Free	창남	1	Q201				
28	53499000471	Dupli	CONN-ETC, NDTF-6S8M	넥스지 텔레콤	1	U109				
29	53499000466	SPEAKER CONNECTOR	CONN-ETC, 24-8040-002-001-829+ NA 2 2	KYOCERA	2	J104,J105				
30	53401000269	CONNECTOR	AXK7L36227G	NAIS	1	J103				
31	53403000027	CARKIT CONNECTOR	3050-24R-0.5MSM	HJ	1	J102				
32	53499000428	Battery Contacts	KQ02X3-3R	HIROSE	1	J201				
33	53403000101	EARJACK	FPJ25607-PT2	ACE TRADING	1	J202				
34	53499000143	RF CONNECTOR	KMS-507	HIROSE	1	J301				
35	55700000019	TACT SWITCH	LS10N2-T	CITIZEN	6	SW212,SW219,SW220,SW221,SW223,SW227				
36	52199000155	EMI FILTER	ICVE31186E150R101FR	INNOCHIPS	2	S102,S106				
37	52199000144	EMI FILTER	FLT-EMI,ICVE21184E150R101FR_pb free	INNOCHIPS	1	S101				
38	50400000175	TVS ARRAY	UCLAMP3324P	SEMTECH	3	S121,S122,S123				
39	50400000078	TVS DIODE	PG05FSESC	KEC	1	S201				
40	50400000077	TVS DIODE	PG03FBESC	KEC	4(1)	S210,S211,S213,S214				
41	50501000111	VARISOR	AVLC5S02050P // 50pF	AMOTECH	7	S103,S104,S107,S109,S110,S111,S113,				
42	50501000109	VARISOR	AVLC18S02015P // 15pF	AMOTECH	16(4)	S105,S108,S112,S114,S115,S116,S117,S118,S119,S120,S203,S204,S205,S206,S217,S218				
43	50001060104	FERRITE BEAD	BLM15AG601SN1D // 600Ω	MURATA	5	L104,L105,L106,L107,L201				
44	50001018101	FERRITE BEAD	BLM18PG181SN1D	MURATA	1	L102				
45	55400000618	Backup Battery	NBL414R-TT33-1(2V)_Pb Free	SANYO	1	BT201				
46			OPEN			D202				

47	50000000012	RESISTOR	RES- 0Ω 1005 J	ROHM	9	R157,R160,R161,R224,R225,R302,R303,C333,C334				
48	50000047408	RESISTOR	RES- 4.7Ω 1005 J	ROHM	1	R152,				
49	50000033008	RESISTOR	RES- 33Ω 1005 J	ROHM	3	R202,R203,R204				
50	50000010101	RESISTOR	RES- 100Ω 1005 J	ROHM	17	R114,R115,R116,R117,R118,R119,R120,R121,R122,R123,R124,R125,R126,R127,R128,R201,R301				
51	50000047111	RESISTOR	RES- 470Ω 1005 J	ROHM	1	R226				
52	50000010202	RESISTOR	RES- 1KΩ 1005 J	ROHM	2	R218,R236				
53	50000022214	RESISTOR	RES- 2.2KΩ 1005 J	ROHM	1	R223				
54	50000047212	RESISTOR	RES- 4.7KΩ 1005 J	ROHM	1	R228				
55	50000068209	RESISTOR	RES- 6.8KΩ 1005 J	ROHM	1	R156				
56	50000010301	RESISTOR	RES- 10KΩ 1005 J	ROHM	9	R137,R138,R139,R140,R147,R148,R149,R150,R208				
57	50000020301	RESISTOR	RES- 20KΩ 1005 J	ROHM	6	R151,R153,R155,R159,R162,R220				
58	50000027311	RESISTOR	RES- 27KΩ 1005 J	ROHM	2	R232,R233				
59	50000039308	RESISTOR	RES- 39KΩ 1005 J	ROHM	2	R230,R231				
60	50000047315	RESISTOR	RES- 47KΩ 1005 J	ROHM	1	R216				
61	50000051305	RESISTOR	RES- 51KΩ 1005 J	ROHM	2	R141,R143,				
62	50000010401	RESISTOR	RES- 100KΩ 1005 J	ROHM	5	R104,R108,R207,R210,R227				
63	50000012408	RESISTOR	RES- 120KΩ 1005 J	ROHM	1	R235				
64	50000015408	RESISTOR	RES- 150KΩ 1005 J	ROHM	4	R142,R144,R145,R146				
65	50000020402	RESISTOR	RES- 200KΩ 1005 J	ROHM	1	R234				
66	50000039404	RESISTOR	RES- 390KΩ 1005 J	ROHM	1	R222				
67	50000010509	RESISTOR	RES- 1MΩ 1005 J	ROHM	2	R213,R217				
68	50000000018	RESISTOR	RES- 0Ω 1608 J	ROHM	1	D201				
69	50000010602	RESISTOR	RES- 10MΩ 1608 J	ROHM	1	R205				
70	50000100001	RESISTOR	RES- 100Ω 1005 F	ROHM	1	R215				
71	50000033118	RESISTOR	RES- 330Ω 1005 F	ROHM	1	R212,				
72	50000412102	RESISTOR	RES- 4.12KΩ 1005 F	ROHM	1	R219				
73	50000012501	RESISTOR	RES- 1.2MΩ 1005 F	ROHM	1	R214				
74	50000027904	RESISTOR	3216, 0.27ohm, 1%, 0.5W // 0.27(3216)	KAMAYA	1	R211				
75			OPEN		2	R206,R209				
76	50200005902	CAPACITOR	CAP- 0.5PF 50V C C0G 1005	MURATA	1	C310				
77	50200001008	CAPACITOR	CAP- 1PF 50V C C0G 1005	MURATA	6	C316,C317C318,C319,C320,C321				
78	50200015904	CAPACITOR	CAP- 1.5PF 50V C C0G 1005	MURATA	1	L101				
79	50200018902	CAPACITOR	CAP- 1.8PF 50V C C0G 1005	MURATA	1	C153				
80	50200005006	CAPACITOR	CAP- 5PF 50V C C0G 1005	MURATA	1	L301				
81	50200082902	CAPACITOR	CAP- 8.2PF 50V D C0G 1005	MURATA	1	C307				
82	50200010014	CAPACITOR	CAP- 10PF 50V J C0G 1005	MURATA	1	C156				
83	50200012005	CAPACITOR	CAP- 12PF 50V J C0G 1005	MURATA	2	C255,C256				
84	50200022006	CAPACITOR	CAP- 22PF 50V J C0G 1005	MURATA	1	C314				
85	50200033007	CAPACITOR	CAP(M)-33PF 50V J C0G 1005	MURATA	18(1)	C104,C105,C111,C112,C228,C233,C236,C242,C248,C250,C251,C252,C324,C326,C327,C328,C329,C330				
86	50200039004	CAPACITOR	CAP- 39PF 50V J C0G 1005	MURATA	2	C335,C336				
87	50200047006	CAPACITOR	CAP- 47PF 50V J C0G 1005	MURATA	1	C309				
88	50200010115	CAPACITOR	CAP- 100PF 50V J C0G 1005	MURATA	12	C120,C121,C122,C123,C147,C201,C302,C304,C305,C308,C322,C323				
89	50200047119	CAPACITOR	CAP- 470PF 50V J C0G 1005	MURATA	6	C237,C243,C246,C247,C249,C258				
90	50200022211	CAPACITOR	CAP- 2200PF 50V K X7R 1005	MURATA	1	C146				
91	50200010318	CAPACITOR	CAP -0.01UF 16V K X7R 1005	MURATA	11	C206,C207,C211,C212,C213,C220,C225,C232,C312,C313,C315				
92	50200022322	CAPACITOR	CAP- 0.022UF 16V K X7R 1005	MURATA	1	C253				
93	50200047323	CAPACITOR	CAP- 0.047UF 16V Z Y5V 1005	MURATA	4	C119,C164,C165,C166				
94	50200082304	CAPACITOR	CAP- 0.082UF 10V K X5R 1005	MURATA	1	C337				
95	50200010460	CAPACITOR	CAP-0.1UF 10V K X7R 1005	MURATA	34	C106,C108,C125,C142,C143,C144,C145,C150,C152,C154,C155,C171,C202,C203,C204,C205,C208,C209,C210,C214,C215,C219,C221,C222,C223,C226,C229,C241,C244,C245,C254,C325,C331,C332				
96	50200022420	CAPACITOR	CAP- 0.22UF 10V Z Y5V 1005	MURATA	2	C162,C163				
97	50200047434	CAPACITOR	CAP- 0.47UF 16V Z Y5V 1005	MURATA	1	C234				
98	50200010557	CAPACITOR	CAP- 1UF 6.3V Z Y5V 1005	MURATA	21	C139,C140,C141,C148,C157,C158,C159,C160,C161,C170,C216,C217,C218,C227,C230,C231,C235,C238,C239,C240,C306				
99	50200022534	CAPACITOR	CAP- 2.2UF 16V K X5R 1608	MURATA	10	CC101,CC102,CC103,CC107,CC108,CC109,CC119,CC202,CC301,CC302				
100	50200047527	CAPACITOR	CAP- 4.7UF 6.3V K X5R 0.85T 1608	MURATA	3	CC105,CC106,CC110				

101	50200010621	CAPACITOR	CAP-C-C,10UF 6.3V M X5R 1608	MURATA	1	CC204				
102	50200010617	CAPACITOR	CAP- 10UF 6.3V K X5R 0.85T 2012	MURATA	2	CC201,CC203				
103	50202010619	TANTAL CAPACITOR	TJM0J106JSSR // 10uF(6.3V,J)	PARTSNIC	1	CT202				
104	50202010602	TANTAL CAPACITOR	TPM1A106PSSR//10uF(10V,P)	PARTSNIC	2	CT203,CT204				
105	50202068606	TANTAL CAPACITOR	F950J686MSAAQ2//68uF(6.3V)	NICHICON	1	CT301				
106			OPEN		3	C149,C303,C311				
107	5010001N204	INDUCTOR	INDUCT-FIX,1005GC2T1N2S00 J SM // 1.2nH	PILKOR	1	L305				
108	5010006N812	INDUCTOR	IND-1005GC2T6N8SLF 6.8nH // 6.8nH	PILKOR	1	C301				
109	50100027011	INDUCTOR	INDUCT-FIX,1005GC2T27NJ00 J SMD M 27N // 27nH	PILKOR	2	L302,L304				
110	5010007N502	COIL INDUCTOR	IND-0402CS-7N5XJLW_Pb Free//7.5nH	COILCRAFT	1	L308				
111	5010108N700	COIL INDUCTOR	INDUCT-COIL,0402CS-8N7XJLW_Pb Free//8.7nH	COILCRAFT	1	L307				
112	50101033017	COIL INDUCTOR	IND-0402CS-33NXJLW_Pb Free//33nH	COILCRAFT	1	L306				
113			OPEN		1	L103				
114	53399000031	BLUETOOTH ANT	ALA621C4	AMOTECH	1	ANT1				
115		Shield CAN	TXCAN		1					
116		Shield CAN	RXCAN		1					
117		solder support	solder support		1					
A	xxxxxxxx	CDMA CELLULAR	MAIN B'D ASS'Y							
A-1		MAIN B'D_TOP								
No	Part Number	Description	Specification	Vendor	Q'TY	Location	Remark			
1	53100000479	PCB	MAIN PCB	SAMSUNG	1					
2	53501000192	LED	BL-HB336G-TRB	BRIGHT	17	D101,D102,D103,D104,D105,D106,D107,D108,D110,D111,D112,D114,D115,D116,D117,D118,D119				
3	50400000077	TVS DIODE	PG03FBESC	KEC	1	S216				B
4	50501000109	VARISOR	AVLC18S02015P // 15pF	AMOTECH	4	S207,S209,S212,S215				B
5	50000075006	RESISTOR	RES- 75Ω 1005 J	ROHM	17	R102,R105,R106,R107,R109,R110,R113,R129,R130,R132,R133,R134,R135,R136,R158,R174,R175				
6	50200033007	CAPACITOR	CAP(M)-33PF 50V J C0G 1005	MURATA	1	C257				B
7			open		4	D109,D113,R111,R131				
A	xxxxxxxx	CDMA CELLULAR	TOTAL ASS'Y							
A-1		HOUSING ASS'Y								
No	Part Number	Description	Specification	Vendor	Q'ty					
							Lab	Lab	Factory	Status
1	55100000310	SPEAKER	MS-1015483	MIC	2					
2	55102000094	RECEIVER	RECEIVER,SG-1506SW1 RCV	신기	1					
3	55200000142	MOTOR	MVMF-A300M	LG이노텍	1					
4	55101000127	MIC	ZEBRA TYPE//MIC-GB200,OBG-410S44-C1533(R)E	BSE	1					
5	53299000013	LCD MODULE	LCD-ETC,DA-177TC-01	DTC	1	LSI 포함				
6	52302000023	Camera Module	MODEL-CAMERA,MC020A-0AA1B0548	MCNEX	1.00					
7	53101000412	FPCB	F-PCB,PG-1810 FPCB POLYAMIDE BASE	삼신 서키트	1					
8	53302000043	ANTENNA	ANT-INTENA,HIR-34602-0000AA CORONA1	EMW	1					