

FCC ID: U88GSTR-815DC-SPR

ATTACHMENT B.

- PART LIST -

Report No.: HCT-R07-031 1/1

level	item_name	item_spec	location	qty_per
.1	BLOCK	(GS01093-C013A) BLOCK1 [GSTR-815DC-SPR]		1
.1	BLOCK	(GS01093-C014A) BLOCK2 [GSTR-815DC-SPR]		1
.1	BLOCK BLOCK	(GS01093-C015A) BLOCK3 [GSTR-815DC-SPR] (GS01093-C016A) BLOCK4 [GSTR-815DC-SPR]		1
.1	BLOCK	(GS01093-C017A) BLOCK5 [GSTR-815DC-SPR]		1
.1	BLOCK	(GS01093-C018A) BLOCK6 [GSTR-815DC-SPR]		1
.1	BLOCK BLOCK	(GS01093-C019A) BLOCK7 [GSTR-815DC-SPR] (GS01093-C020A) BLOCK8 [GSTR-815DC-SPR]		1
.1	BOARD	FWD PCB ASS'Y [GSTR-815D-SPR]		1
2	AMPLIFIER MODULE BOX HEADER CONNECTOR	RFA0896-04 [RFHIC] 24PIN DUAL S/T MAIL(2.54MM)	PA1 DONOR	1
2	POWER CONNECTOR	LWD1140-04 S/T MALE	CON3	1
2	SMA CONNECTOR SAW FILTER	SMA(F)S/T-PCB(L:20) IDEN / MW7005 /FC 70MHZ /BW 5.32MHZ	FIL13,FIL14	2
2	SAW FILTER SAW FILTER	IDEN / MW7007 /FC 70MHZ /BW 7.32MHZ IDEN / MW7016 /FC 70MHZ /BW 17.92MHZ	FIL5,FIL6 FIL3,FIL4	2
2	SAW FILTER SAW FILTER	IDEN / MW7017 /FC 70MHZ /BW 18.12MHZ IDEN / MW7018 /FC 70MHZ /BW 18.32MHZ	FIL1,FIL2 FIL9,FIL11	2
2	SAW FILTER	IDEN / MW7046 /FC 70MHZ /BW 4.92MHZ	FIL17,FIL18	2
2	SAW FILTER SAW FILTER	IDEN / MW7048 /FC 70MHZ /BW 5.12MHZ IDEN / MW7066 /FC 70MHZ /BW 6.92MHZ	FIL15,FIL16 FIL10,FIL12	2
2	SAW FILTER IC	IDEN / MW7068 /FC 70MHZ /BW 7.12MHZ MIC29152BT, AVRIAVLE LDO	FIL7,FIL8 IC7,IC9,IC34,IC35	2
2	LED	GREEN 3PIE	LED4,LED5	2
3	SMD PCB ASS'Y AMPLIFIER	FWD PCB SMD ASS'Y [GSTR-815D-SPR] SBB-1089[SIRENZA]	AMP14,AMP15,AMP16,AMP19,AMP20,AMP24,AMP26,AMP30,AMP34,AMP38,AMP42,AMP46	12
3	AMPLIFIER MMIC AMPLIFIER	SBB-2089[SIRENZA] PW410 [PREWELL]	AMP27, AMP31, AMP35, AMP39, AMP43, AMP47 AMP7, AMP9, AMP71, AMP23	6
3	MMIC AMPLIFIER	PW370 [PREWELL]	AMP22,AMP65,AMP49,AMP69	4
3	MMIC AMPLIFIER	ASL19W [ASB]	AMP1,AMP3	2
3	MMIC AMPLIFIER ATTENUATOR	(ROHS) PW570	AMP8,AMP10,AMP12,AMP13,AMP18,AMP11,AMP17,AMP21,AMP28,AMP32,AMP36,AMP40,AMP44,AMP48	14
3	CHIP BEAD	DI(ROHS) PE4305-51(4*4 20-LEAD QFN) FBM1812PT700S(4532 70 OHM)	ATT1,ATT4,ATT5,ATT6,ATT7,ATT8,ATT9 L63,L64,L286,L289	4
3	CHIP CERAMIC CAPACITOR	22PF 50V J 0805	L141,L150,L163,L172,L183,L192	6
			C8, C9, C13, C15, C16, C17, C18, C24, C25, C24, C29, C33, C40, C41, C43, C44, C45, C54, C57, C60, C63, C67, C68, C17, C74, C76, C77, C80, C83, C87, C18, C19, C99, C99, C99, C99, C99, C19, C19	
3	CHIP CERAMIC CAPACITOR	0.01UF J 50V 0603 COG CERAMIC CHIP	C.426.C427.C428.C429.C430.C431.C432.C434.C435.C436.C438.C440.C441.C442.C444.C446.C447.C448.C449.C450.C451.C452.C454.C456.C457.C461.C462.C463.C465.C466.C472.C473.C471.C473.C477.C476.C475.C477.C478.C482.C484.C486.C465.C466.C472.C473.C477.C477.C478.C482.C484.C486.C469.C496.C496.C496.C496.C496.C496.C49	462
3	CHIP CERAMIC CAPACITOR	0.1UF J 50V 0603 COG CERAMIC CHIP	C729,C724,C719,C709,C714,C722,C721,C726,C712 C2.C4,C10,C28,C34,C38,C32,C78,C115,C152,C156,C202,C203,C470,C471,C485,C609,C613,C614,C621,C625,C6 30,C664,C684,C688,C689,C742,C752,C762,C767,C847,C852,C864,C869,C874,C879,C884,C889,C894,C931,C93 6,C708	42
3	CHIP CERAMIC CAPACITOR	1000PF J 50V 0603 COG CERAMIC CHIP	C5.6,6,77.C12,C20,C21,C22,C23,C73,C93,C94,C110,C130,C135,C159,C160,C161,C165,C177,C193,C204,C230,C 286,C405,C455,C483,C486,C615,C668,C669,C665,C690,C694,C695,C696,C697,C718,C756,C775,C776,C779,C7 82,C784,C788,C790,C792,C856,C857,L2,C818,C816,C596,C597	53
3	CHIP CERAMIC CAPACITOR	100PF J 50V 0603 COG CERAMIC CHIP	C14, C75, C121, C123, C124, C127, C129, C131, C136, C141, C145, C146, C148, C150, C169, C171, C174, C176, C178, C18 3, C185, C210, C214, C220, C238, C242, C245, C249, C251, C259, C245, C249, C271, C279, C280, C281, C254, C311, C321, C329, C345, C345, C355, C351, C372, C355, C355, C413, C419, C425, C433, C439, C445, C453, C464, C468, C469, C610, C665, C667, C672, C756, C756, C772, C751, C758 610, C665, C667, C692, C754, C755, C772, C751, C758	67
3	CHIP CERAMIC CAPACITOR	10PF J 50V 0603 COG CERAMIC CHIP	C19,C119,C125,C134,C139,C162,C163,C167,C172,C181,C777,C778,C789	13
3	CHIP CERAMIC CAPACITOR CHIP CERAMIC CAPACITOR	15PF J 50V 0603 COG CERAMIC CHIP 1PF J 50V 0805 COG CERAMIC CHIP	C231,C232,C289,C290,C406,C407,C458,C459 L8	1
3	CHIP CERAMIC CAPACITOR	1UF J 50V 0603 COG CERAMIC CHIP	C39,C617,C626,C616,C743,C763,C768,C848,C853,C865,C870,C875,C880,C885,C890,C895,C932,C937,C561	19
3	CHIP CERAMIC CAPACITOR	30PF J 50V 0603 COG CERAMIC CHIP	C233,C291,C408,C460	4
3	CHIP CERAMIC CAPACITOR CHIP CERAMIC CAPACITOR	4PF J 50V 0603 COG CERAMIC CHIP 5.6PF J 50V 0603 COG CERAMIC CHIP	C133,C138 C11	1
3	CHIP CERAMIC CAPACITOR CHIP CERAMIC CAPACITOR	5PF J 50V 0603 COG CERAMIC CHIP 82PF J 50V 0805 COG CERAMIC CHIP	C164,C298,C515,C583,C585,C588,C591,C594 L19,L28,L37,L46	8
3	CHIP CERAMIC CAPACITOR CHIP CERAMIC CAPACITOR	7PF J 50V 0805 3.0PF J 50V 0603 COG CERAMIC CHIP	L145,L154,L167,L178,L187,L196 C30,C31,C64,C65	6
3	CHIP CERAMIC CAPACITOR	3.3PF J 50V 0603	C92,C69,C118,C166,C467,C516,C580,C581,C582,C584,C586,C587,C589,C590,C592,C593,C595	17
3	CHIP CERAMIC CAPACITOR CHIP CERAMIC CAPACITOR	6.8PF 0603 D 240J(24PF J) 50V 0805	C72 L67,L74,L82,L86,L103,L107,L112,L118,L123,L127,L132,L136	1 12
3	CHIP CERAMIC CAPACITOR TANTALLM CAPACITOR	2.0PF J 50V 0805 COG CERAMIC CHIP 100UF 16V 7374 TANTAL	L174,L160 C611,C612,C686,C687	2
3	TANTALLM CAPACITOR TANTALLM CAPACITOR	(ROHS)10UF 25Y C TANTAL 10UF 16V B (KEMET)-T491B106K016AT	C098 C1 C3 C27 C32 C35 C53 C55 C79 C61 C66 C112 C113 C117 C143 C144 C147 C192 C200 C201 C285 C287 C296 C301 C302 C392 C330 C333 C334 C601 C602 C619 C620 C625 C629 C624 C623 C649 C657 C658 C661 C662 C665 C744 C744 C753 C744 C754 C764 C765 C771 C649 C651 C655 C658 C666 C666 C871 C673 C676 C676 C676 C676 C767 C677 C676 C767 C677 C6	79
3	DIRECTIONAL COUPLER	XC0900A-20S	CPL1,CPL2,CPL6,CPL8	4
3	HYBRID COUPLER CHIP DIODE	XC0900A-03S KDS184 (SOT23)	HYBD2,HYBD5	2
3	DETECTOR DIODE PIN DIODE	HSMS2850 [HP]	D1 ATT2,ATT3,ATT11,ATT10,ATT14,ATT13,ATT16,ATT15,ATT12	1
3	SCHOTTKY DIODE	HSMP-3866-BLKG HSMS2855	D2	1
3	DIVIDER BAND PASS FILTER	SPA-1002-25 CHIP [PREMIER DEVICES] 4R3-860MHZ(IDEN800)	IC4,IC19 U9,U12	2
3	BAND PASS FILTER BAND PASS FILTER	4R3-937MHZ(IDEN900) SBP-3R3-1007BP10C	U3,U10 FIL29	2
3	BAND PASS FILTER	SBP-3R3-792.5BP10C	FIL25	1
3	IC IC	LM2904DR2 SO-8 [ON SEMICONDUCTOR] AD8313ARM(8-LEAD USOIC) [ANALOG DEIVICES]	IC3,IC8,LM1,LM2,LM4 DET2,DET3	5
3	IC	SN74HC04DR (T.I)	U5,U6,U7	3
3	IC FERRITE BEAD CORE INDUCTOR	PCA9555(SSOP24) [PHILLIPS] 10UH 1/10W 0805 FERRITE	U8,U18 L288,L296	2
3	INDUCTOR	1.2UH 1/10W 0805 COIL	L18,L25,L27,L34,L36,L43,L45,L58,L60,L72,L76,L77,L78,L87,L97,L101,L108,L119,L121,L128,L137,L139,L146,155 ,L161,L168,L179,L181,L188,L197,L199,L202	32
3	INDUCTOR INDUCTOR	100NH 1/10W 0805 COIL 120NH 1/10W 0805 COIL	L3,L9,L13,L14,L65,L89,L90,L287,L295,L301 L21,L30,L39,L50,L95,L32,L52	10
3	INDUCTOR	15NH 1/10W 0805 COIL	L22,L31,L40,L51,L143,L152,L165,L176,L185,L194	10
3	INDUCTOR INDUCTOR	2.7NH 1/10W 0805 COIL 220NH 1/10W 0805 COIL	L26,L35,L44,L59,L75,L79,L88,L98,L109,L120,L129,L138,L147,L156,L169,L180,L189,L198 L24,L42	18 2
3	INDUCTOR INDUCTOR	22NH 1/10W 0805 COIL 33NH 1/10W 0805 COIL	L54,L57,L91,L94,L99,140,L149,L162,L171,L182,L191 L1,L4,L5	11
3	INDUCTOR	390NH 1/10W 0805 COIL	L55,L92	2

level	item_name	item_spec	location	qty_per
3	INDUCTOR INDUCTOR	6.8NH 1/10W 0805 COIL 68NH 1/10W 0805 COIL	L10,L7,L15,L206,L205,L207,L208,L209,L210,L211,L212,L213,L214,L215,L216,L218,L217 L16,L17,L48,L49,L157,L158,L200,L201	17 8
3	INDUCTOR INDUCTOR	8.2NH 1/10W 0805 COIL 82NH 1/10W 0805 COIL	L12,L100,L6 L66,L69,L81,L84,L102,L105,L111,L114,L122,L125,L131,L134	3 12
3	INDUCTOR MIXER	270NH 1/10W 0805 COIL HMC483MS8G(HITTITE)	L71 MIX1,MIX2,MIX5,MIX6	1 4
3	PLL MODULE PLL MODULE	KSP-0790G [SGC] KSP-1007.5G [SGC]	PLL1 PLL5	1
3	THERMAL PCB	THERMAL PAD 5N1(PBV1632S-5N1)[YOKOHAMA] IDEN_15DBM_FWD_REV1.0(4L 310X207 1.2MM)	TH5,TH6,TH7,TH8	1
3	CHIP RESISTOR CHIP RESISTOR	22 OHM 1/10W J 0805 20 OHM 1/10W J 0805	R8,R19 R168,R334,R400,R246	4
3	CHIP RESISTOR	11 OHM 1/10W J 0805	R128,R133,R146,R150,R156,R160,R183,R188,R195,R199,R205,R209,R215,R220,R227,R231,R237,R241	18
3	CHIP RESISTOR CHIP RESISTOR	6.8 OHM 1/10W J 0805 0 OHM J 1/16W 0603	R84,R98,R127,R145,R155,R135,R151,R161,R190,R200,R210,R222,R232,R242 R29,R83,R114,R118,R172,R184,R216,R228,R250,R514,R15,R502,R196,R206,R238	14 15
3	CHIP RESISTOR	10 OHM J 1/16W 0603	R34,R38,R47,R49,R67,R366,R374,R439,R519 R11,R13,R14,R23,R28,R30,R40,R45,R54,R71,R75,R76,R87,R88,R89,R90,R92,R93,R94,R95,R96,R97,R121,R131,	
3	CHIP RESISTOR CHIP RESISTOR	100 OHM J 1/16W 0603	R143,R152,R164,R329,R330,R359,R372,R408,R409,R433,R437,R438,R453,R454,R456,R457,R458,R459,R460,R 461,R462,R486,R166	47
3	CHIP RESISTOR	100K OHM J 1/16W 0603 10K OHM J 1/16W 0603	R368,R369,R516 R1,R12,R32,R48,R61,R65,R78,R80,R85,R358,R407,R9	12
3	CHIP RESISTOR CHIP RESISTOR	12 OHM J 1/16W 0603 15 OHM J 1/10W 0805	R335,R404,R338,R401,R247 R63,R82,R113,R99	4
3	CHIP RESISTOR CHIP RESISTOR	150 OHM J 1/16W 0603 18 OHM J 1/16W 0603	R4,R5,R6,R130,R158,R159 R397,R100,R348	3
3	CHIP RESISTOR	1K OHM J 1/16W 0603	R7,R22,R24,R27,R31,R33,R46,R55,R56,R57,R59,R72,R91,R108,R110,R122,R117,R125,R126,R136,R142,R144,R149,R153,R163,R165,R341,R367,R370,R371,R373,R390,R394,R395,R442,R517,R70,R53	38
3	CHIP RESISTOR CHIP RESISTOR	2.2K OHM J 1/16W 0603 220 OHM J 1/16W 0603	R20,R21,R25,R26,R35,R39,R69,R68,R73,R77,R123,R124,R140,R141,R147,R148,R154,R162 R43,R44,R170,R171	18
3	CHIP RESISTOR CHIP RESISTOR CHIP RESISTOR	24 OHM J 1/16W 0603 3.9K OHM J 1/16W 0603	R43,R49,R170,R171 R42,R169 R58,R60,R103,R109	2
3	CHIP RESISTOR CHIP RESISTOR	3:00 OHM J 1/16W 0603 30K OHM J 1/16W 0603	R398,R399,R101,R102,R349,R350	6
3	CHIP RESISTOR CHIP RESISTOR	36 OHM J 1/16W 0603 470 OHM J 1/16W 0603	R3,R129,R157 R402,R403,R339,R340,R405,R406,R336,R337,R248,R249	3 10
3	CHIP RESISTOR CHIP RESISTOR CHIP RESISTOR	47K OHM J 1/16W 0603 51 OHM J 1/16W 0603	R402, R403, R439, R430, R403, R406, R436, R437, R248, R249 R2, R62, R74, R79, R81, R86, R10 R16, R64, R105, R132, R134, R187, R189, R219, R221, R346, R396, R107, R111	7
3	CHIP RESISTOR CHIP RESISTOR CHIP RESISTOR	51 OHM J 1/16W 0603 6.2K OHM J 1/16W 0603 1.3M OHM J 1/16W 0603	K16,K64,K105,K132,K134,K187,K189,K219,K221,K346,K396,K107,K111 R51,R52 R518	2
3	POTENTION METER VARIABLE RESISTOR VARIABLE RESISTOR	1.5M OFM 3 1716W 6003 1K OHM (3224W-1-102E) [BORUNS] 100 OHM(3224W-1-101E)[BOURNS]	VR1,VR8,VR3,VR2,VR6,VR5,VR9,VR7,VR4 VR1,VR8,VR3,VR2,VR6,VR5,VR9,VR7,VR4	9
3	REGULATOR REGULATOR	(ROHS)NJM2882F05 (ROHS)NJM2882F05	VR.10,VR.11 U1,U2,U4,U11,U24,U25 U31,U35,U36,U51,U52,U54,U55,U56,U57,U58,U59,U60,U13	6
3	THERMAL SENSOR SWITCH	(RVDTS)NUMZBBZTUS THERMAL PAD 3N1(PBV1632S-3N1)[YOKOHAMA] HMC284MSBGE (ROHS)	U31, U35, U36, U3 1, U32, U34, U35, U36, U37, U36, U37, U36, U37, U36, U37, U37, U37, U37, U37, U37, U37, U37	2
3	SWITCH CHIP TR	HMC241QS16 [HITTITE] KTG3875S (SOT-23) [KEC]	SW3,SW4,SW5,SW6,SW7,SW8 TR8,TR15,TR16,TR20	6 A
3	CHIP TR BOARD	FDS4435(S0-8) [FAIRCHILD] I/O BOARD ASSY [GSTR-815D-SPR]	IC25,IC26,IC27,IC28,IC29,IC30,IC31,IC32,IC33	9
2	ELECTROLYTIC CAPACITOR	330UF 6.3V 6.3*9 수십	C1,C2,C5,C6,C8,C10,C11	7
2	BOX HEADER CONNECTOR BOX HEADER CONNECTOR	24PIN DUAL S/T MAIL(2.54MM) 2L 30P 2.54PITCH S/T MALE	DONOR,SERVICE CON13	1
2	CONNECTOR CONNECTOR	5267-02 2P MOLEX MALE S/T 5267-06 6P MOLEX MALE S/T	CON8 WAP1,CON12	1 2
2	POWER CONNECTOR	LWD1140-06 S/T MALE [연호]	HEAD3	1
2	IC HEADER PIN	MIC29152BT, AVRIAVLE LDO 2L 60PIN(2*30P) ST 2.54 BOX	IC7 CON7	1
2	SMD PCB ASS'Y CHIP BEAD	I/O BOARD SMD ASSY [GSTR-815D-SPR] FBM1812PT700S(4532 70 OHM)	L64	1
3	CHIP CERAMIC CAPACITOR	0.01UF J 50V 0603 COG CERAMIC CHIP	C4,C9	2
3	CHIP CERAMIC CAPACITOR CHIP CERAMIC CAPACITOR	100PF J 50V 0603 COG CERAMIC CHIP 0.1UF 50V K 0603	C145,C146	1
3	TANTALLM CAPACITOR PCB	10UF 16V B [KEMET]-T491B106K016AT IDEN_15DBM_IO_BOARD_REV1.0(1L 100X65 1.6MM)	C3,C7,C144	3
3	CHIP RESISTOR	1K OHM J 1/16W 0603	R91	1
3	CHIP RESISTOR BOARD	3.9K OHM J 1/16W 0603 RVS PCB ASS'Y [GSTR-815D-SPR]	R103	1
2	AMPLIFIER MODULE PIN HEADER CONNECTOR	RFA0854-04 [RFHIC] PIN HEADER DUAL LINE 24PIN S/T MALE	PA1 CON2	1
2	POWER CONNECTOR SMA CONNECTOR	LWD1140-04 S/T MALE SMA(F)S/T-PCB(L:20)	CON1	1 2
2	SAW FILTER SAW FILTER	IDEN / MW7005 /FC 70MHZ /BW 5.32MHZ IDEN / MW7007 /FC 70MHZ /BW 7.32MHZ	FIL23,FIL24 FIL21,FIL22	2
2	SAW FILTER IC	IDEN / MW7018 /FC 70MHZ /BW 18.32MHZ MIC29152BT, AVRIAVLE LDO	FIL19,FIL20 IC10,IC11,IC24	2
2	LED SMD PCB ASS'Y	GREEN 3PIE RVS PCB SMD ASS'Y [GSTR-815D-SPR]	LED1,LED6	2
3	AMPLIFIER AMPLIFIER	SBB-1089(SIRENZA) SBB-2089(SIRENZA)	AMP52,AMP53,AMP57,AMP62 AMP58,AMP63	4 2
3	MMIC AMPLIFIER MMIC AMPLIFIER	PW410 [PREWELL] PW370 [PREWELL]	AMP7, AMP9, AMP71, AMP23 AMP22, AMP60, AMP66, AMP70	4
3	MMIC AMPLIFIER MMIC AMPLIFIER	ASL19W [ASB] (ROHS) PW570	AMP1,AMP3 AMP8,AMP10,AMP51,AMP54,AMP59,AMP64	2
3	ATTENUATOR CHIP BEAD	DI(ROHS) PE4305-51(4*4 20-LEAD OFN) FBM1812PT700S(4532 70 OHM)	ATT1,ATT4,ATT5,ATT6,ATT7,ATT8,ATT9 L232,L233,L305	7
3	CHIP CERAMIC CAPACITOR	0.01UF J 50V 0603 COG CERAMIC CHIP	C13.C15.C16.C17,C18.C20.C26.C29.C30.C31,C42.C43,C48.C54.C60.C62.C67.C68.C69,C70.C71,C72,C74.C76.C7 7.C78.C79.C80.C81.C82.C83.C84.C85.C86.C87.C88.C89.C90.C91,C92.C95.C96.C97.C98.C99.C100.C101.C102.C1 103.C104.C108.C109.C110.C111,C112.C113.C114.C115.C116.C117.C119.C120.C122.C125.C126.C128.C128.C132.C1 33.C134.C137.C133.C139.C140.C102.C132.C134.C124.C134.C144.C145.C146.C147.C119.C115.C125.C125.C125.C125.C125.C125.C125	227
3	CHIP CERAMIC CAPACITOR	0.1UF J 50V 0603 COG CERAMIC CHIP	C2, C3, C24, C27, C33, C38, C44, C46, C50, C66, C234, C253, C485, C520, C531, C556, C616, C620, C621, C673, C674, C679, C698, C702, C703, C732, C737, C747, C757, C920, C925, C926, C931, C936	34
3	CHIP CERAMIC CAPACITOR	1000PF J 50V 0603 COG CERAMIC CHIP	C5, C7, C8, C9, C10, C11, C12, C22, C23, C32, C49, C61, C73, C93, C94, C118, C130, C135, C160, C161, C165, C166, C167, C177, C181, C192, C193, C468, C483, C486, C514, C559, C594, C617, C652, C653, C654, C655, C699, C704, C708, C709, C709, C704, C708, C709, C	49
			10,C711,C756,C775,C776,C779,C782 C14,C75,C121,C123,C124,C127,C129,C131,C136,C141,C148,C150,C159,C162,C163,C169,C171,C174,C176,C17	
3	CHIP CERAMIC CAPACITOR	100PF J 50V 0603 COG CERAMIC CHIP	8,C183,C185,C242,C294,C497,C501,C503,C511,C537,C542,C550,C568,C577,C582,C590,C650,C670,C671,C676,C677,C706,C772,C785,C922,C923	45
3	CHIP CERAMIC CAPACITOR CHIP CERAMIC CAPACITOR	10PF J 50V 0603 COG CERAMIC CHIP 11PF J 50V 0603 COG CERAMIC CHIP	C19,C21 C6	2
3	CHIP CERAMIC CAPACITOR CHIP CERAMIC CAPACITOR	15PF J 50V 0603 COG CERAMIC CHIP 1UF J 50V 0603 COG CERAMIC CHIP	C471,C472,C515,C516,C562,C563,C595,C596 C39,C235,C254,C521,C552,C733,C738,C748,C758,C927,C932,C937	8 12
3	CHIP CERAMIC CAPACITOR CHIP CERAMIC CAPACITOR	22PF J 50V 0805 COG CERAMIC CHIP 30PF J 50V 0603 COG CERAMIC CHIP	L265,L274 C473,C517,C564,C597	2
3	CHIP CERAMIC CAPACITOR CHIP CERAMIC CAPACITOR	3PF J 50V 0603 COG CERAMIC CHIP 4PF J 50V 0603 COG CERAMIC CHIP	C37,C40,C105,C106 C34,C35,C51,C52	4
3	CHIP CERAMIC CAPACITOR CHIP CERAMIC CAPACITOR	5PF J 50V 0603 COG CERAMIC CHIP 7PF J 50V 0805	C58,C65,C208,C211,C214,C218,C221,C224 L269	8
3	CHIP CERAMIC CAPACITOR CHIP CERAMIC CAPACITOR	3.3PF J 50V 0603 240J(24PF J) 50V 0805	C57,C59,C63,C64,C209,C210,C212,C213,C215,C216,C217,C219,C220,C222,C223,C225 L238,L242,L247,L251	16
3	CHIP CERAMIC CAPACITOR CHIP CERAMIC CAPACITOR	2.0PF J 50V 0805 COG CERAMIC CHIP 51PF J 50V 0805 COG CERAMIC CHIP	L208,L231,L262,L285 L278	4
3	TANTALLM CAPACITOR TANTALLM CAPACITOR	100UF 16V 7374 TANTAL (ROHS) 10UF 25V C TANTAL	C618,C619,C700,C701 C484	4
3	TANTALLM CAPACITOR	10UF 16V B (KEMET)-T491B106K016AT	C236,C251,C255,C322,C682,C714,C524,C675,C555,C734,C736,C739,C741,C749,C751,C759,C761,C522,C553,C557,C107,C25,C1,C681,C678,C672,C713,C28,C41,C36,C935,C4,C921,C924,C928,C930,C47,C940,C56,C45,C53,	44
3	DIRECTIONAL COUPLER	XC0900A-20S	557, C17, C27, C28 CPL3, CPL1, CPL2	3

level	item_name	item_spec	location	qty_per
3	HYBRID COUPLER	XC0900A-03S	HYBD1,HYBD6	2
3	CHIP DIODE DETECTOR DIODE	KDS184 (SOT23) HSMS2850 [HP]	D10 DET3	1
3	PIN DIODE DIVIDER	HSMP-3866-BLKG SPA-1002-25 CHIP [PREMIER DEVICES]	ATT2,ATT3,ATT10 IC4,IC19	2
3	BAND PASS FILTER BAND PASS FILTER	4R3-815MHZ(IDEN800) 4R3-898MHZ(IDEN900)	U11,U13 U16,U17	2
3	BAND PASS FILTER BAND PASS FILTER	SBP-3R3-747.5BP10C SBP-3R3-968.5BP10C	FIL26 FIL30	1
3	IC IC	LM2904DR2 SO-8 [ON SEMICONDUCTOR] AD8313ARM(8-LEAD USOIC) [ANALOG DEIVICES]	IC1,IC3,LM1 DET1,DET2	3
3	IC	SN74HC04DR (T.I)	U20	1
3	FERRITE BEAD CORE INDUCTOR INDUCTOR	10UH 1/10W 0805 FERRITE 1.2UH 1/10W 0805 COIL	L290,L298 L77,L216,L218,L225,L227,L243,L252,L254,L261,L270,L279,L281	12
3	INDUCTOR INDUCTOR	100NH 1/10W 0805 COIL 15NH 1/10W 0805 COIL	L3,L2,L9,L13,L65,L89,L90,L301 L267,L276	2
3	INDUCTOR INDUCTOR	2.7NH 1/10W 0805 COIL 22NH 1/10W 0805 COIL	L217,L226,L244,L253,L271,L280 L5,L30,L219,L264,L273,L210,L213,L222	6
3	INDUCTOR	33NH 1/10W 0805 COIL 390NH 1/10W 0805 COIL	L14,L289,L297 L211	3
3	INDUCTOR INDUCTOR	6.8NH 1/10W 0805 COIL	L7,L8,L10,L11,L12,L15,L16,L17,L18,L19,L20,L21,L22,L23,L24,L25	16
3	INDUCTOR INDUCTOR	68NH 1/10W 0805 COIL 8.2NH 1/10W 0805 COIL	L205,L206,L228,L229,L259,L260,L282,L283,L215 L4,L27,L1	3
3	INDUCTOR INDUCTOR	82NH 1/10W 0805 COIL 270NH 1/10W 0805 COIL	L237,L240,L246,L249 L224,L220	4
3	MIXER PLL MODULE	HMC483MS8G[HITTITE] KSP-0745G [SGC]	MIX7,MIX18,MIX11,MIX12 PLL2	4
3	PLL MODULE THERMAL	KSP-0988.5G [SGC] THERMAL PAD 5N1(PBV1632S-5N1)[YOKOHAMA]	PLL6 TH6,TH7,TH5,TH11	1
3	PCB	IDEN_15DBM_RVS_REV1.0(4L 310X139 1.2MM)		1
3	CHIP RESISTOR CHIP RESISTOR	22 OHM 1/10W J 0805 20 OHM 1/10W J 0805	R8,R19 R168,R289,R351,R415	4
3	CHIP RESISTOR CHIP RESISTOR	11 OHM 1/10W J 0805 6.8 OHM 1/10W J 0805	R263,R280,R297,R267,R284,R301 R84,R98,R262,R268,R285,R302	6
3	CHIP RESISTOR CHIP RESISTOR	0 OHM J 1/16W 0603 10 OHM J 1/16W 0603	R2,R25,R41,R42,R281,R293,R298,R15,R502,R14 R31,R35,R36,R48,R49	10
3	CHIP RESISTOR	100 OHM J 1/16W 0603	R11,R28,R40,R58,R60,R68,R73,R75,R76,R83,R87,R88,R89,R90,R92,R93,R94,R95,R96,R97,R276,R277,R328,R3	34
3	CHIP RESISTOR	100K OHM J 1/16W 0603	29,R330,R361,R362,R423,R424,R426,R431,R432,R434,R436 R516	1
3	CHIP RESISTOR CHIP RESISTOR	10K OHM J 1/16W 0603 12 OHM J 1/16W 0603	R5,R9,R39,R52,R61,R65,R78,R80,R85,R360,R422 R12,R352,R355,R416,R419	11 5
3	CHIP RESISTOR CHIP RESISTOR	15 OHM J 1/10W 0805 150 OHM J 1/16W 0603	R63,R82,R113,R99 R265,R266	4
3	CHIP RESISTOR CHIP RESISTOR	18 OHM J 1/16W 0603 1K OHM J 1/16W 0603	R101,R290,R344,R412 R1,R24,R33,R37,R38,R50,R51,R59,R67,R69,R77,R72,R117,R278,R326,R333,R342,R410	4
3	CHIP RESISTOR	2.2K OHM J 1/16W 0603	R64,R66,R70,R71,R22,R23	6
3	CHIP RESISTOR CHIP RESISTOR	220 OHM J 1/16W 0603 24 OHM J 1/16W 0603	R170,R171,R54,R55 R169,R53	4
3	CHIP RESISTOR CHIP RESISTOR	3.9K OHM J 1/16W 0603 300 OHM J 1/16W 0603	R327,R332,R376 R91,R100,R291,R292,R345,R347,R413,R414	3
3	CHIP RESISTOR CHIP RESISTOR	30K OHM J 1/16W 0603 36 OHM J 1/16W 0603	R34,R47 R264	2
3	CHIP RESISTOR	470 OHM J 1/16W 0603	R56,R57,R353,R354,R356,R357,R417,R418,R420,R421	10
3	CHIP RESISTOR CHIP RESISTOR	47K OHM J 1/16W 0603 51 OHM J 1/16W 0603	R6,R10,R62,R74,R79,R81,R86 R7,R13,R16,R343,R411	5
3	CHIP RESISTOR CHIP RESISTOR	6.2K OHM J 1/16W 0603 1.3M OHM J 1/16W 0603	R3,R4 R32	1
3	POTENTION METER VARIABLE RESISTOR REGULATOR	1K OHM (3224W-1-102E) [BORUNS] (ROHS)NJM2882F03	VR1,VR2,VR3 U1,U6,U7,U24,U25	3
3	REGULATOR	(ROHS)NJM2882F05	U14,U15,U23,U29,U30,U32,U34	7
3	THERMAL SENSOR SWITCH	THERMAL PAD 3N1(PBV1632S-3N1)[YOKOHAMA] HMC284MS8GE (ROHS)	TH1,TH3 SW2,SW9	2
3	CHIP TR CHIP TR	KTC3875 [SOT-23] [KEC] FDS4435(S0-8) [FAIRCHILD]	TR9,TR10,TR17,TR18 IC12,IC13	4
.1	BRACKET CONTROL BOARD ASS'Y	(GS01093-C006A) FILTER BRK [GSTR-815DC-SPR] IDEN/CDMA/TRI NMS BOARD ASS'Y		1
2	LITHIUM BATTERY	3V (CR2032-1HS) [SONY]	BATTERY1	1
2	BOX HEADER CONNECTOR	2L 30P 2.54PITCH S/T MALE	CON2 PIN2	1
2	BOX HEADER CONNECTOR BOX HEADER CONNECTOR	HIF3F-10PA-2.54DSA(2L 10P S/T MALE 2.54PITCH) 2L 60PIN 2.54PITCH S/T MAIL	CON3	1
2	CONNECTOR	5267-02 2P MOLEX MALE S/T	J2	1
2	CONNECTOR CONNECTOR	5267-08 8P MOLEX MALE S/T MOLEX 3P R/A MALE 2.54	WAF8,WAF4 P1,P2,J1	3
2	CONNECTOR	RJ45-08BO-1X1T-06-F (ROHS) [BEL]	U9	1
2	HEADER CONNECTOR CRYSTAL	5268-09 9P MOLEX MALE R/A 10M 5PPM (NDC-3114-001) NR-18	WAF2,WAF1 X1	1
2	CRYSTAL	32.768KHZ DIP [신성]	X2	1
2	CRYSTAL CRYSTAL	1.8432MHZ (DIP) 20MHZ DIP	Y3,Y5 Y1	1
2	DIODE	1N4001 [N.E.W]	D2,D1	2
2	HEAT SINK LED	HS3515BT 방열핀 [APACHI] 3PI-RED [SEA-0X07]	U1 LED1	1
2	EEPROM	SST39VF020-70-4C-NHE [SST]	U2	1
2	SMD PCB ASS'Y FERRITE BEAD	IDEN/CDMA/TRI NMS BOARD SMD ASS'Y FBM1206PT601S	L2,L4,L8	1 2
3	CHIP CERAMIC CAPACITOR	0.01UF J 50V 0603 COG CERAMIC CHIP	C4,C5,C6	3
3	CHIP CERAMIC CAPACITOR	0.1UF J 50V 0603 COG CERAMIC CHIP	C10,C11,C12,C20,C21,C22,C25,C27,C35,C36,C39,C42,C75,C76,C78,C79,C80,C40,C15,C24,C26,C28,C30,C31,C3 2,C33,C34,C37,C38,C41,C43,C44,C45,C46,C47,C48,C49,C50,C101,C67,C68,C70,C71,C115,C59,C81,C82,C83,C8 4,C85,C09,C47,C49,C55,C66,C69,C96,C22,C88,C60,C48,C75,C52,C93,C77,C19,C97,C110,C116,C18,C1 08,C109,C111,C113,C114,C117,C118,C56,C69,C74,C119,C122,C112	85
3	CHIP CERAMIC CAPACITOR	18PF J 50V 0603 COG CERAMIC CHIP 22PF J 50V 0603 COG CERAMIC CHIP	C51,C53 C2,C3,C23,C52	2
3	CHIP CERAMIC CAPACITOR CHIP CERAMIC CAPACITOR	22PF J 50V 0603 COG CERAMIC CHIP 33PF J 50V 0603 COG CERAMIC CHIP	C2,C3,C23,C52 C16,C17,C121,C120	4
3	CHIP CERAMIC CAPACITOR	470PF J 50V 0603 COG CERAMIC CHIP	C7	1
3	CHIP CERAMIC CAPACITOR CHIP CERAMIC CAPACITOR	68PF J 50V 0603 COG CERAMIC CHIP 820PF J 50V 0603 COG CERAMIC CHIP	C123	1
3	CHIP TANTAL CAPACITOR	10UF 16V M 1206(A)	C61,C63,C99,C100,C102,C103,C104,C105,C106,C107	10
3	CHIP TANTAL CAPACITOR ELECTROLYTIC CAPACITOR	10UF J 16V B TYPE TANTAL 47UF 50V M (NACE470M50V6.3*8TR13) [NIC]	C8,C13,C72,C86 C9,C62	2
3	AD CONVERTER	TLC1543IDW	U12	1
3	IC IC	MM74HC04M(SMD) POLYMER ESD SUPPRESSOR(0805-ESDA-TR1)	U17 \$2,\$3,\$6,\$7,\$1,\$22,\$23,\$4,\$8,\$5,\$9,\$10,\$11,\$12	14
3	IC	TLV5638ID	U8,U16	2
3	IC IC	SN74LVC14AD(SOIC-14) SP3232EEN-L(NSOIC16)	U10 U11,U30	1
3	IC	EPM3128ATI100-10N(TQFP)	U26	1
3	IC IC	SP213ECA-L(28-PIN SSOP) SN74LS32D(SOIC-14)	U19,U29 U18,U20	2
3	IC	S3C44B0X01-ED80	U1	1
3	IC IC	CS8900A-CQ3Z(LQFP-100)	U13	1
3	IC IC	SN74CBTD3384CDGVR ST16C2550CQ48(48PIN TQFP)	U22,U23,U24,U27,U28,U32 U21,U31	2
3	EEPROM	93LC46BI (64X16BIT) SOIC [MICROCHIP]	U25	1
3	FLASH SDRAM	AM29LV320DB-90EF [AMD] K4S281632I-UC75(16M RAM) [SAMSUNG]	U388	1
3	CONTROL PCB	SPRINT NMS BOARD REV1.0(FR4 1.6T 4L 182*167)		1
3	CHIP RESISTOR CHIP RESISTOR	0 OHM J 1/16W 0603 100 OHM J 1/16W 0603	R25,R26,R30,R31,R33,R34 R41	1
3	CHIP RESISTOR	10K OHM J 1/16W 0603	R13,R10,R29,R58,R59,R60,R63,R8,R64,R32,R54,R66,R71,R72	14
3	CHIP RESISTOR CHIP RESISTOR	120 OHM J 1/16W 0603 1M OHM J 1/16W 0603	R9 R67,R39	1

level	item_name	item_spec	location	qty_per
3	CHIP RESISTOR	22 OHM J 1/16W 0603	R45,R44	qty_pei
3	CHIP RESISTOR	330 OHM J 1/16W 0603	R6,R38,R40	2
3	CHIP RESISTOR CHIP RESISTOR	4.7K OHM J 1/16W 0603	R16,R21,R22,R23,R24,R4,R43,R53,R49,R5,R50,R51,R52,R35,R69,R70,R7	17
	CHIP RESISTOR	5.1K OHM J 1/16W 0603	R15	17
3				- '
3	CHIP RESISTOR	51 OHM J 1/16W 0603	R68,R42	2
3	REGULATOR	MIC5219-2.5YM5(ROHS)	U6	1
3	REGULATOR	SPX1587AT-L-3.3V(3 LEAD TO-263) [SIPEX]	U5	1
3	TEMPERATURE SENSOR	TC1047VNB [TELCOM] (2.7V ~ 4.4V)	U7	1
2	INPUT SOCKET	CR2032 BH-800	BATTERY1	1
2	PLCC SOCKET	SOCKET_32PIN_2.54MM_DIP	U2	1
2	DIP SWITCH	KSD04H (SLIDE TYPE, 4POLE)	SW1	1
2	TACT SWITCH	STP1230B(L9.5 4PIN DIP)[성문일렉트로닉스]	PUSH2	1
2	TAPE	방열판 TAPE CP-3	U1	1
.1	CASE	(GS01093-B101A) IDEN 15DB CASE [GSTR-815DC-SPR]		1
.1	FRONT COVER	(GS01093-C003A) FRONT COVER [GSTR-815DC-SPR]		1
.1	SHIELD COVER	(GS01093-C004A) SHIELD COVER(TOP) [GSTR-815DC-SPR]		1
.1	SHIELD COVER	(GS01093-C005A) SHIELD COVER(BOT) [GSTR-815DC-SPR]		1
.1	MUX	GS-C4898-18KT(DM) [GSI]		1
.1	MUX	GS-C4898-18KT(SM) [GSI]		1
.1	MODULE	파형강시기(KORTCOM, IDEN800_RVS)		1
.1	LED PCB ASS'Y	IDEN LED PCB ASSY [SPRINT]		1
2	CONNECTOR	5268-06 6P MOLEX MALE R/A	WAF1	1
2	LED HOLDER	4MM		20
2	LED HOLDER	2MM 3HOLE		3
2	LED	L-519GW-C 5 PIE(2COLOR) 3PIN [DUO-LIF]	D1,D2,D3	3
2	LED	BL-R2132N(BRIGHT)	LED1,LED2,LED3,LED4,LED5,LED6,LED7,LED8,LED9,LED10,LED11,LED12,LED13,LED14,LED15,LED16,LED17,LED18,LED19,LED20	20
2	SMD PCB ASS'Y	IDEN LED PCB SMD ASS'Y [SPRINT]		1
3	IC	74HC573D (SOT163) [PHILIPS]	IC1,IC2,IC3	
3	IC	PCA9555(SSOP24) [PHILLIPS]	U1,U2	2
3	LED PCB CHIP RESISTOR	TRIPLE LED BOARD(IDEN800/900)B PCB REV1.0(FR4 1.6T 2L 90*90) 1K OHM F 0603	R7,R8,R13,R14,R24,R21,R56,R61,R58,R22	10
3	CHIP RESISTOR	0 OHM J 1/16W 0603	R11,R12,R17,R18	4
3	CHIP RESISTOR	10 OHM J 1/16W 0603	R23,R63	2
3	CHIP RESISTOR	330 OHM J 1/16W 0603	R9,R10,R15,R16,R19,R27,R28,R29,R30,R31,R32,R33,R34,R35,R36,R37,R38,R39,R40,R41,R42,R43,R44,R45,R46	6 25
3	CHIP TR	KTC3875S (SOT-23) [KEC]	TR1,TR2,TR3,TR4	4
.1	PACKING ASS'Y	PACKING ASS'Y [GSTR-815D-SPR]		1
2	OUT BOX	(J3D1-2007-071) OUT BOX [GSTR-815DC-SPR]		1
2	BOLT	스트롱 앙카 세트(1/2",길이2") [전자피스]		4
2	CABLE	ETHERNET CABLE(CROSS) 2M		1
2	CABLE CABLE	KIV60227KSIEC02(4.0m²) BLACK POWER AC CABLE 2M(DL3106A 10SL 3S)		1
2	CAP	CIRCULAR 16 ¢ CAP		1
2	DATA CABLE ASS'Y	DATA CABLE ASSY' [GSTR-815D-SPR]		1
2	RF CABLE ASS'Y	RF CABLE ASSY' [GSTR-815D-SPR]		1
2	CD	설치 매뉴얼 CD [GSTR-815DC/825DC/830DC-SP]R		1
2	MANUAL	INSTALLATION GUIDE BOOK (GSTR-851D/825D/830D-SPR)		1 1
2	PE PAD PE PAD	(J3P1-2007-072) BOTTOM PE PAD [GSTR-815DC-SPR] (J3P1-2007-073) TOP PE PAD [GSTR-815DC-SPR]		1 1
2	PE PAD	(J3P1-2007-074) SIDE PE PAD [GSTR-815DC-SPR]		1
2	PE PAD	(J3P1-2007-074) SIDE PE PAD [GSTR-815DC-SPR]		1
2	PE PAD	(J3P1-2007-076) BACK PE PAD [GSTR-815DC-SPR]		1
2	PE PAD	(J3P1-2007-077) SUB PE PAD [GSTR-815DC-SPR]		1
2	FLAT SCREW	FH(+) M2.6*6 SUS		3
2	FLAT SCREW PH SCREW	FH(+) M3*6 SUS		18 345
2	PH SCREW	PH(+) M2.3*6 SUS PH(+) M2.6*6 SUS		152
2	PH SCREW	PH(+) M3*8 SUS		8
2	SAM'S SCREW	PH(+) M3*10 SEMS		4
2	SAM'S SCREW	PH(+) M3*8 SEMS		22
2	SAM'S SCREW	PH(+) M4*12 SEMS		4
2	SAM'S SCREW	PH(+) M4*8 SEMS		4
.1	SILICAGEL POWER SUPPLY UNIT	5/G MPS-G484 [MYUNG]		- 2
	FOWER SUFFET UNIT	mr 3-0404 [mit ONO]		