PSU

PARTLIST

CUSTOMER: WIMAX

DATE: 2008. 08. 26

	EL:CKT-D200HT REV:1.0)				PAGE: 1 / 1
NO	PART NAME	SPECIFICATION	LOCATION NO.	UNIT	Q'TY	VENDOR
■ A	UTO INSERT (AXIAL)					
101	RES. METAL FILM	1/8W 1Ω F TAPING	R12,15	EΑ	2	DHO, SMART
-	RES. METAL FILM	1/8W 10Ω F TAPING	R32	EΑ	1	DHO, SMART
-	RES. METAL FILM	1/8W 20Ω F TAPING	R13,16	EΑ	2	DHO, SMART
	RES. METAL FILM	1/8W 240Ω F TAPING	R30	EA	1	DHO, SMART
	RES. METAL FILM	1/8W 470Ω F TAPING	R20	EA	1	DHO, SMART
	RES. METAL FILM	1/8W 820Ω F TAPING	R36	EA	1	DHO, SMART
	RES. METAL FILM		R14,17,23,29,37,		9	
			71,73,75,83	EA		DHO, SMART
109	RES. METAL FILM	1/8W 1.2 ^{kΩ} F TAPING	R77,78	EA	2	DHO, SMART
110	RES. METAL FILM	1/8W 1.5 ^{kΩ} F TAPING	R25,26,27	EA	3	DHO, SMART
111	RES. METAL FILM	1/8W 2kΩ F TAPING	R66,68,80,81	EA	4	DHO, SMART
112	RES. METAL FILM	1/8W 3.3kΩ F TAPING	R31	EA	1	DHO, SMART
113	RES. METAL FILM	1/8W 4.7kΩ F TAPING	R74,76,84	EA	3	DHO, SMART
114	RES. METAL FILM	1/8W 6.2 ^{kΩ} F TAPING	R33	EA	1	DHO, SMART
115	RES. METAL FILM	1/8W 10 ^{kΩ} F TAPING	R21,22	EA	2	DHO, SMART
116	RES. METAL FILM	1/8W 15kΩ F TAPING	R34,79	EA	2	DHO, SMART
117	RES. METAL FILM	1/8W 16 ^{kΩ} F TAPING	R69	EA	1	DHO, SMART
118	RES. METAL FILM	1/8W 18KΩ F TAPING	R67,82	EA	2	DHO, SMART
119	RES. METAL FILM	1/8W 20 ^{kΩ} F TAPING	R24,35	EA	2	DHO, SMART
120	RES. METAL FILM	1/8W 68KΩ F TAPING	R42,70,72,85	EA	4	DHO, SMART
121	RES. CARBON FILM	1/4W 1kΩ J TAPING	R38,39	EA	1	DHO, SMART
122	RES. CARBON FILM	1/4W 22Ω J TAPING	R61	EA	1	DHO, SMART
123	RES. CARBON FILM	1/2W 470k ^Q J TAPING	R1	EA	1	DHO, SMART
124	RES. METAL OXIDE	2W(MINI-SIZE) 22Ω J TAPING	R18	EA	1	DHO, SMART
125	DIODE FAST RECOVERY	D1NL20	D2,3	EA	2	SHINDENGEN, FUJI, RECTRON
126	DIODE FAST RECOVERY	1N4937 TAPING	D13	EA	1	RECTRON, VISHAY, TS
127	DIODE FAST RECOVERY	UF4007 TAPING	D11	EA	1	RECTRON, VISHAY, TS
128	DIODE FAST RECOVERY	SF24 / D2LC20U TAPING	D16	EA	1	RECTRON, VISHAY, SHINDENGEN
129	DIODE RECTIFIER	SR260 / SB206 TAPING	D10	EA	1	RECTRON, VISHAY, TS
130	DIODE SWITCHING	1N4748 TAPING	ZD1	EA	1	VISHAY, PHILIPS, RECTRON
131	DIODE ZENNER	1N5256B (30V) TAPING	ZD2	EA	1	VISHAY, PHILIPS, RECTRON
132	DIODE ZENNER	P6KE200A TAPING	D12	EA	1	VISHAY, PHILIPS, RECTRON
■ A	UTO INSERT (RADIAL)					
201	CAP. CERAMIC	1kV, 1000pF (102) K TAPING	C14,15	EΑ	2	SAMHWA, NETRONTECH
-	CAP. CERAMIC	1 kV, 470 pF (471) K TAPING	C12	EA	1	SAMHWA, NETRONTECH
	CAP. FILM (BOX TYPE)	63V(100V), 0.047 #F (473) K TAPING	C25,26	EA	2	YUCHANG, DAEHEUNG
	CAP. FILM (BOX TYPE)	63V(100V), 0.01 F (103) K TAPING	C38		1	YUCHANG, DAEHEUNG
	CAP. FILM (BOX TYPE)	63V(100V), 0.1 # (104) K TAPING	C19,20,24,27,29, 30,33,34,37,57	EA	10	YUCHANG, DAEHEUNG
206	CAP. ELECT.	400V, 10⊮ 10*20 KMG	C13	EA	1	SAMYOUNG
	CAP. ELECT.	35V, 220 \(\mu(8 \times 11.5 \) NXH 5.0TP	C31,35,36,54,55	EA	5	SAMYOUNG
	CAP. ELECT.	35V, 470#F 10*20 NXB	C22,23,32	EA	3	SAMYOUNG
	CAP. ELECT.	16V, 470 F NXH 5.0TP	C28,41	EA	2	SAMYOUNG
	CAP. ELECT.	16V, 1000#F NXB 5.0TP	C39,40,42	EA	3	SAMYOUNG
	CAP. ELECT.	50V, 47μF KMG 5.0TP	C21,56	EA	2	SAMYOUNG
-	PEACKING COIL	CC-150 TAPING	L11	EA	1	SAMYOUNG
	T.R-NPN	KSP 2222A TAPING	Q6,7,8	EA	3	FAIRCHILD, KEC, AUK, ST, ON SEMI
		AP-5 250V 3.15A / SS-5 TAPING	F2,3	EA	2	ALPI, SAVE FUSE
	I.C SHUNT REGULATOR	KA431AZ, KIA431 TAPING	IC12	EA	1	FAIRCHILD, KEC
_	IANUAL INSERT	potto n.z., mator na ind	1012	L/\		TAITOTHED, NEO
		шс	шот	C^	4	CHINC KWANG TECH
	POWER - H.I.C	HIC	HIC1	EA	1	CHUNG KWANG TECH
	RES. METAL OXIDE	2W(MINI-SIZE) 22Ω J (R TYPE)	R19	EA	1	DHO, SMART
_	RES. METAL OXIDE	1W 220k\(\Omega\) J (R TYPE)	R9,10	EA	2	DHO, SMART
_	RES. METAL OXIDE	2W 100Ω J (R TYPE)	R28	EA	1	DHO, SMART
	RES. METAL OXIDE	2W 470Ω J (R TYPE)	R41	EA	1	DHO, SMART
306	RES. MPR	MPR 5W J 0.005Ω	SH1,2	EA	2	DHO, SMART

207	DEC CEMENT	EW 1 200 (D TVDE)	011	^	1	DUO CMART
	RES. CEMENT	5W J 200 (R TYPE) 5W J 22 (R TYPE)	R11 R40	EA	1	DHO, SMART
-	RES. CEMENT	1/2W 1 ¹ (102) 3362P / CT6P / GF06P	VR1			DHO, SMART
-	RES. VARIABLE RES. VARIABLE	1/2W 1 (102) 3302P / C16P / GF06P 1/2W 200Ω (201) 3362P / CT6P / GF06P	VR2	EA EA	1	BOURNS, COPAL, TOCOS BOURNS, COPAL, TOCOS
-		35V, 2200# 18*30 NXB		EA	3	
-	CAP. ELECT. CAP. ELECT.	200V. 470#F 25.4*30 KMH	C16,17,18 C8,9	EA	2	SAMYOUNG
	CAP. CERAMIC (Y-CAP)	250VAC, 2200PF (222) Y1 AD/SD	C3,4,5,53	EA	4	SAMYOUNG
-	CAP. MPP FILM(X-CAP)	275VAC, 0.68#(684) PCX2 335M/WBU1942/MPX	C3,4,5,53	EA	2	NETRONTECH, SAMHWA PILKOR, YUCHANG, CARLI
				EA	2	
-	CAP. MPE FILM DIODE BRIDGE	250V/305 or 250V 335K (29*11*27pitch) D25SB60	C10,11 BD1	EA	1	SRM RECTRON, SHINDENGEN,LRC
	DIODE SCHOTTKY	D5S6M, ISR845, MBRF745	D6	EA	1	SHINDENGEN, RECTRON, TS
-	DIODE SCHOTTKY	D83M-004, D30SC4M	D7	EA	1	FUJI, SHINDENGEN, SENCITRON
-	DIODE SCHOTTKY	SR560, SB506, SB560	D8,9	EA	2	RECTRON, VISHAY, TS
-	REGULATOR-SWITCHING		IC4,6	EA	2	NATIONAL SEMICONDUCTOR
-	REGULATOR-LINEAR	KA7812F, KIA7812F	IC7	EA	1	FAIRCHILD, KEC
	REGULATOR-SWITCHING		IC5	EA	1	ONSEMI
-	DIODE FAST RECOVERY	SF20LC20U	D4,5	EA	2	SHINDENGEN, FUJI, SENCITRON
-	MOS-F.E.T(TO-247)	SPW20N60C3, FCA20N60	Q1,2	EA	2	INFINEON, FAIRCHILD
-	TR-SWITCHING	2N2907	Q3,4	EA	2	ST, SIEMENS, PHILIPS
-	I.C-SWITCH	TOP222	IC1	EA	1	P.I
-	I.C-AMPLIFIER	KA358, KA2904	IC13,14	EA	2	FAIRCHILD
	I.C PHOTO COUPLER	TLP541G(J) / TLP741G(J)	IC3	EA	1	TOSHIBA
	MAIN TRANSFORMER	PQ3230V 6+6PIN	T1	EA	1	DAE HAN
-	SUB TRANSFORMER	EPC1920H 5+6PIN	T2	EA	1	DAE HAN
-	DRIVE TRANSFORMER	EE1625V 4+6PIN	DT1,2	EA	2	DAE HAN
-		MPP 27Ø 1.2Ø*1=55T's(PEW)	L1	EA	1	DAE HAN
-		KOOL-MU 17Ø 0.8Ø*1=45T's(PEW)	L2	EA	1	DAE HAN
		KOOL-MU 23Ø 1.0Ø*1=50T's(PEW)	L3	EA	1	DAE HAN
-		KOOL-MU 12Ø 0.5Ø*1=50T's(PEW)	L4	EA	1	DAE HAN
	POWER BAR-CHOKE	BAR 5Ø*20mm 1.2Ø*1=12.5T's(PEW)	L5,10	EA	2	DAE HAN
-	POWER BAR-CHOKE	BAR 4Ø*15mm 0.8Ø*1=13.5T's(PEW)	L6,7,8,9	EA	4	DAE HAN
-	LINE FILTER	CH940120S	LF1,2	EA	2	TNC
-	VARISTOR	CNR14D471/JVR14N471K/TVR14471	MOV1,2,3	EA	3	CENTRA, JOYIN, GNR, THINKING
-	THERMISTOR	DSC5D15/NTC5D15/SCK-5D15	TH1	EA	1	DSC, SAMKYUNG, THINKING, HIEL
_	THERMAL PROTECTOR	95'C NOMAL CLOSE	TW1	EA	1	UK UCERA
	CONNECTOR WAFER	GW396-03-N2 / YW396-032V	CN1	EA	1	GEO YOUNG, YEONHO
343	CONNECTOR WAFER	MOLEX5219-2P	CN2	EA	1	MOLEX
344	CONNECTOR WAFER	MOLEX5566-08P	CN3	EA	1	MOLEX
345	CONNECTOR WAFER	SMW-250-06P	CN4	EA	1	YEONHO
346	CONNECTOR WAFER	2007-10P	CN5	EA	1	HANLIM
347	CONNECTOR WAFER	2007-06P	CN6,11	EA	2	HANLIM
348	CONNECTOR WAFER	YW396-02V	CN7	EA	1	YEONHO
349	CONNECTOR WAFER	LWB0640-02P	CN8,10	EA	2	HANLIM
350	CONNECTOR WAFER	YW500-02V	CN9	EA	1	YEONHO
351	CONNECTOR WAFER	LWB0640-07P	CN12	EA		HANLIM
352	CONNECTOR WAFER	LAB0640-05P	CN13	EA		HANLIM
353	TERMINAL BLOCK	SA1-7SS-2PC	TB1	EA	1	SEOIL
354	HEAT SINK	HS-NOBA (15*10*25H)	HS1	EA	1	SAMKWANG, YOUNGLIM
355	RELAY-SLIM POLARIZED	TN2-12V	RL1,2,3	EA	3	NAIS
356	RELAY-POWER	JS1-12V	RL4	EA	1	NAIS
357	RELAY-POWER	SDT-S-112DMR	RL6	EA	1	TYCO
358	LED-GREEN	5Ø GREEN	LD1,3	EA	2	AUK
359	LED-RED	5Ø RED	LD2,4	EA	2	AUK
360	INPUT SWITCH	"I" "O" KNOB-BLACK	INPUT SWITCH	EA	1	INOLWAY, SOLTEAM, RLEIL, ZX ELECT, LIGHT COUNTRY
\vdash	BATTERY SWITCH	"ON" "OFF" KNOB-RED	BATTERY SWITCH	EA	1	INOLWAY, SOLTEAM, RLEIL, ZX ELECT, LIGHT COUNTRY
-	SELECTOR SWITCH	"115" "230" KNOB-RED	110V / 220V	EA	1	SOLTEAM
-	FUSE BLOCK	GF205B	F1	EA	1	GEO YOUNG
-	FUSE	250V T5.0AL 5*20mm	F1	EA	1	LITTELE, ORISEL, SAVE,
	SIL-PAD	TO3P HOLE-TYPE	Q1,2	EA	2	KC COM
366	SCREW	SMS PH3*12	Q1,2, D4,5	EA	4	SUNG JIN

367	SCREW	SMS PH3*8	IC4,5	EΑ	2	SUNG JIN
368	SCREW	SMS PH3*6	IC6, PCB	EΑ	4	SUNG JIN
369	SCREW	FH 3*6(HEAD-5mm)	ASS'Y	EΑ	18	SUNG JIN
370	MAIN-P.C.B	FR4 양면 1.6T 1Oz 245.5 * 123	B01	EΑ	1	CHOIL
371	SUB-P.C.B	FR4 양면 1.6T 1Oz 154.5 * 34	B02	EΑ	1	CHOIL
372	LED-P.C.B	FR4 양면 1.6T 1Oz 53.5 * 30	B03	EΑ	1	CHOIL
■ C	ASE ASS'Y					
401	COVER			EΑ	1	DOO SUNG TNC
402	BASE			EΑ	1	DOO SUNG TNC
403	BLANK 1			EΑ	1	DOO SUNG TNC
404	BLANK 2			EΑ	1	DOO SUNG TNC
405	SWITCH HOLDER			EΑ	2	DOO SUNG TNC
■ V	/IRE HANESS ASS'Y					
501	INPUT SWITCH		INPUT SWITCH	EΑ	1	SHIN WOO
502	BATTERY SWITCH		BATTERY SWITCH	EΑ	1	SHIN WOO
503	SELECTOR SWITCH		110V / 220V	EΑ	1	SHIN WOO
504	LED BOARD		LED BOARD	EΑ	1	SHIN WOO
■ S	MD INSERT					
601	CURRENT SENSER	MAX4372FEUK+T(SOT23)	IC2	EΑ	1	MAXIM
■ S	UB METARIAL					
701	STICKER PAPER	LABEL Q/C PASSED		EΑ	1	
702	RTV	3140				
703	CARTON BOX			EΑ	1	

CHUNG KWANG TECH INC.

CTRL

1-5 C-CHIP CL21C102JBANNNC 13 CC16 CC17 CC18 CC19 1-6 C-CHIP CL21C103JBANNNC 5 CC7 CC8 CC9 CC10 CC13 BC1 BC2 BC3 BC4 BC6 BC7 BC8 BC9 BC10 BC11 BC12 BC13 BC14 BC15 BC16 BC17 BC18 BC19 1-7 C-CHIP CL21C104JBANNNC 27		CIRL			
1-1	NO	품 명	규 격	수 량	REFERENCE
1-2	1	PCB	A070416071B(HUEX1101-2)	1	
1-3	1-1	BEAD-CHIP	HB-1S2012-8R0JT	1	L1
1-4	1-2	C-CHIP	CL21C220JBANNNC	2	C6 C7
1-5 C-CHIP CL21C102JBANNNC 13 CC1 CC2 CC3 CC4 CC5 CC6 CC11 CC14 CC15 CC16 CC17 CC18 CC19 1-6 C-CHIP CL21C103JBANNNC 5 CC7 CC8 CC9 CC10 CC13 BC1 BC2 BC3 BC4 BC6 BC7 BC8 BC9 BC10 BC11 BC12 BC3 BC4 BC6 BC7 BC8 BC9 BC10 BC11 BC12 BC3 BC4 BC6 BC7 BC8 BC9 BC10 BC11 BC12 BC3 BC4 BC6 BC7 BC8 BC9 BC10 BC11 BC12 BC3 BC4 BC6 BC7 BC8 BC9 BC10 BC11 BC12 BC3 BC4 BC6 BC7 BC8 BC9 BC10 BC11 BC12 BC3 BC4 BC6 BC7 BC8 BC9 BC10 BC11 BC12 BC3 BC4 BC6 BC7 BC8 BC9 BC10 BC11 BC12 BC3 BC4 BC6 BC7 BC8 BC9 BC10 BC11 BC12 BC3 BC4 BC4 BC8 BC9 BC10 BC11 BC12 BC3 BC4	1-3	C-CHIP	CL21C300JBANNNC	0	
1-5	1-4	C-CHIP	CL21C101JBANNNC	2	C15 C16
C-CHIP CL21C104JBANNNC 27 BC12 BC3 BC4 BC6 BC7 BC8 BC9 BC10 BC11 BC12 BC13 BC14 BC15 BC16 BC17 BC18 BC19 BC20 BC21 BC22 BC23 BC24 BC25 BC26 BC27 BC28 BC20 BC21 BC22 BC23 BC24 BC25 BC26 BC27 BC28 BC20 BC21 BC22 BC23 BC24 BC25 BC26 BC27 BC28 BC28 BC26 BC27 BC28 BC20 BC21 BC22 BC23 BC24 BC25 BC26 BC27 BC28 BC28 BC26 BC27 BC28 BC20 BC21 BC22 BC23 BC24 BC25 BC26 BC27 BC28 BC28 BC29 BC21 BC22 BC23 BC24 BC25 BC26 BC27 BC28 BC29 BC21 BC22 BC23 BC24 BC25 BC26 BC27 BC28 BC29 BC21 BC22 BC23 BC24 BC25 BC26 BC27 BC28 BC29 BC21 BC22 BC23 BC24 BC25 BC26 BC27 BC28 BC29 BC21 BC22 BC23 BC24 BC25 BC26 BC27 BC28 BC29 BC21 BC22 BC23 BC24 BC25 BC26 BC27 BC28 BC29 BC21 BC22 BC23 BC24 BC25 BC26 BC27 BC28 BC29 BC28 BC29 BC21 BC12 BC12 BC12 BC12 BC12 BC12 BC12	1-5	C-CHIP	CL21C102JBANNNC	13	CC1 CC2 CC3 CC4 CC5 CC6 CC11 CC14 CC15 CC16 CC17 CC18 CC19
C-CHIP CL21C104JBANNNC 27 BC12 BC13 BC14 BC15 BC16 BC17 BC18 BC19 BC20 BC21 BC22 BC23 BC24 BC25 BC26 BC27 BC28 BC28 BC28 BC28 BC28 BC28 BC28 BC28	1-6	C-CHIP	CL21C103JBANNNC	5	CC7 CC8 CC9 CC10 CC13
1-9 CONN-HIF HIF3FB-10PA-2.54DSA 1 ISPCN1 1-11 CONN-HIF HIF3H-8D-2.54DSA 2 DEBUG1 DEBUG2 1-10 CONN-HIF HIF3H-26D-2.54DSA 1 TDD1 1-12 CONN-USB 04B-VTD 1 USBCN1 1-13 CONN-WR 5267-07A 1 COMM1 1-14 CONN-WR 5267-14A 1 LEDCN1 1-15 CONN-WR A2-8PA-2.54DSA 2 SPI1 SPI2 1-16 CONN-WR A2-8PA-2.54DSA 2 SPI1 SPI2 1-16 CONN-WR SMAW250-02 1 SYNC1 1-17 CONN-WR SMAW250-04 1 PWR1 1-18 CONN-WR SMAW250-08 1 PSU1 1-19 CONN-WR SMAW250-08 1 PSU1 1-20 CONN-WR YDAW200-22 1 RFCN1 1-21 C-TANTAL TMCMA1C106MTRF 1 C3 1-22 C-TANTAL TMCMB1C226MTRF	1-7	C-CHIP	CL21C104JBANNNC	27	BC1 BC2 BC3 BC4 BC6 BC7 BC8 BC9 BC10 BC11 BC12 BC13 BC14 BC15 BC16 BC17 BC18 BC19 BC20 BC21 BC22 BC23 BC24 BC25 BC26 BC27 BC28
1-11 CONN-HIF HIF3H-8D-2.54DSA 2 DEBUG1 DEBUG2 1-10 CONN-HIF HIF3H-26D-2.54DSA 1 TDD1 1-12 CONN-USB 04B-VTD 1 USBCN1 1-13 CONN-WR 5267-07A 1 COMM1 1-14 CONN-WR 5267-14A 1 LEDCN1 1-15 CONN-WR A2-8PA-2.54DSA 2 SPI1 SPI2 1-16 CONN-WR SMAW250-02 1 SYNC1 1-17 CONN-WR SMAW250-02 1 SYNC1 1-18 CONN-WR SMAW250-04 1 PWR1 1-18 CONN-WR SMAW250-08 1 PSU1 1-19 CONN-WR SMAW250-11 1 LPA1 1-20 CONN-WR YDAW200-22 1 RFCN1 1-21 C-TANTAL TMCMA1C106MTRF 1 C3 1-22 C-TANTAL TMCMB1C226MTRF 1 C4 1-24 C-TANTAL TMCME1C107MTRF 1	1-8	C-CHIP	CL21C105JBANNNC	10	C8 C9 C10 C11 C12 C13 C14 C17 C19 C20
1-10 CONN-HIF HIF3H-26D-2.54DSA 1 TDD1 1-12 CONN-USB 04B-VTD 1 USBCN1 1-13 CONN-WR 5267-07A 1 COMM1 1-14 CONN-WR 5267-14A 1 LEDCN1 1-15 CONN-WR A2-8PA-2.54DSA 2 SPI1 SPI2 1-16 CONN-WR SMAW250-02 1 SYNC1 1-17 CONN-WR SMAW250-04 1 PWR1 1-18 CONN-WR SMAW250-08 1 PSU1 1-19 CONN-WR SMAW250-11 1 LPA1 1-20 CONN-WR YDAW200-22 1 RFCN1 1-21 C-TANTAL TMCMA1D475MTRF 6 MC1 MC2 MC3 MC4 C5 C22 1-22 C-TANTAL TMCMB1C226MTRF 1 C4 1-24 C-TANTAL TMCME1V226MTRF 1 C1 1-25 C-TANTAL TMCME1C107MTRF 1 C2	1-9	CONN-HIF	HIF3FB-10PA-2.54DSA	1	ISPCN1
1-12 CONN-USB 04B-VTD 1 USBCN1 1-13 CONN-WR 5267-07A 1 COMM1 1-14 CONN-WR 5267-14A 1 LEDCN1 1-15 CONN-WR A2-8PA-2.54DSA 2 SPI1 SPI2 1-16 CONN-WR SMAW250-02 1 SYNC1 1-17 CONN-WR SMAW250-04 1 PWR1 1-18 CONN-WR SMAW250-08 1 PSU1 1-19 CONN-WR SMAW250-11 1 LPA1 1-20 CONN-WR YDAW200-22 1 RFCN1 1-21 C-TANTAL TMCMA1D475MTRF 6 MC1 MC2 MC3 MC4 C5 C22 1-22 C-TANTAL TMCMA1C106MTRF 1 C3 1-23 C-TANTAL TMCMB1C226MTRF 1 C4 1-24 C-TANTAL TMCME1V226MTRF 1 C1 1-25 C-TANTAL TMCME1C107MTRF 1 C2	1-11	CONN-HIF	HIF3H-8D-2.54DSA	2	DEBUG1 DEBUG2
1-13 CONN-WR 5267-07A 1 COMM1 1-14 CONN-WR 5267-14A 1 LEDCN1 1-15 CONN-WR A2-8PA-2.54DSA 2 SPI1 SPI2 1-16 CONN-WR SMAW250-02 1 SYNC1 1-17 CONN-WR SMAW250-04 1 PWR1 1-18 CONN-WR SMAW250-08 1 PSU1 1-19 CONN-WR SMAW250-11 1 LPA1 1-20 CONN-WR YDAW200-22 1 RFCN1 1-21 C-TANTAL TMCMA1D475MTRF 6 MC1 MC2 MC3 MC4 C5 C22 1-22 C-TANTAL TMCMA1C106MTRF 1 C3 1-23 C-TANTAL TMCMB1C226MTRF 1 C4 1-24 C-TANTAL TMCME1V226MTRF 1 C1 1-25 C-TANTAL TMCME1C107MTRF 1 C2	1-10	CONN-HIF	HIF3H-26D-2.54DSA	1	TDD1
1-14 CONN-WR 5267-14A 1 LEDCN1 1-15 CONN-WR A2-8PA-2.54DSA 2 SPI1 SPI2 1-16 CONN-WR SMAW250-02 1 SYNC1 1-17 CONN-WR SMAW250-04 1 PWR1 1-18 CONN-WR SMAW250-08 1 PSU1 1-19 CONN-WR SMAW250-11 1 LPA1 1-20 CONN-WR YDAW200-22 1 RFCN1 1-21 C-TANTAL TMCMA1D475MTRF 6 MC1 MC2 MC3 MC4 C5 C22 1-22 C-TANTAL TMCMA1C106MTRF 1 C3 1-23 C-TANTAL TMCMB1C226MTRF 1 C4 1-24 C-TANTAL TMCME1V226MTRF 1 C1 1-25 C-TANTAL TMCME1C107MTRF 1 C2	1-12	CONN-USB	04B-VTD	1	USBCN1
1-15 CONN-WR A2-8PA-2.54DSA 2 SPI1 SPI2 1-16 CONN-WR SMAW250-02 1 SYNC1 1-17 CONN-WR SMAW250-04 1 PWR1 1-18 CONN-WR SMAW250-08 1 PSU1 1-19 CONN-WR SMAW250-11 1 LPA1 1-20 CONN-WR YDAW200-22 1 RFCN1 1-21 C-TANTAL TMCMA1D475MTRF 6 MC1 MC2 MC3 MC4 C5 C22 1-22 C-TANTAL TMCMA1C106MTRF 1 C3 1-23 C-TANTAL TMCMB1C226MTRF 1 C4 1-24 C-TANTAL TMCME1V226MTRF 1 C1 1-25 C-TANTAL TMCME1C107MTRF 1 C2	1-13	CONN-WR	5267-07A	1	COMM1
1-16 CONN-WR SMAW250-02 1 SYNC1 1-17 CONN-WR SMAW250-04 1 PWR1 1-18 CONN-WR SMAW250-08 1 PSU1 1-19 CONN-WR SMAW250-11 1 LPA1 1-20 CONN-WR YDAW200-22 1 RFCN1 1-21 C-TANTAL TMCMA1D475MTRF 6 MC1 MC2 MC3 MC4 C5 C22 1-22 C-TANTAL TMCMA1C106MTRF 1 C3 1-23 C-TANTAL TMCMB1C226MTRF 1 C4 1-24 C-TANTAL TMCME1V226MTRF 1 C1 1-25 C-TANTAL TMCME1C107MTRF 1 C2	1-14	CONN-WR	5267-14A	1	LEDCN1
1-17 CONN-WR SMAW250-04 1 PWR1 1-18 CONN-WR SMAW250-08 1 PSU1 1-19 CONN-WR SMAW250-11 1 LPA1 1-20 CONN-WR YDAW200-22 1 RFCN1 1-21 C-TANTAL TMCMA1D475MTRF 6 MC1 MC2 MC3 MC4 C5 C22 1-22 C-TANTAL TMCMA1C106MTRF 1 C3 1-23 C-TANTAL TMCMB1C226MTRF 1 C4 1-24 C-TANTAL TMCME1V226MTRF 1 C1 1-25 C-TANTAL TMCME1C107MTRF 1 C2	1-15	CONN-WR	A2-8PA-2.54DSA	2	SPI1 SPI2
1-18 CONN-WR SMAW250-08 1 PSU1 1-19 CONN-WR SMAW250-11 1 LPA1 1-20 CONN-WR YDAW200-22 1 RFCN1 1-21 C-TANTAL TMCMA1D475MTRF 6 MC1 MC2 MC3 MC4 C5 C22 1-22 C-TANTAL TMCMA1C106MTRF 1 C3 1-23 C-TANTAL TMCMB1C226MTRF 1 C4 1-24 C-TANTAL TMCME1V226MTRF 1 C1 1-25 C-TANTAL TMCME1C107MTRF 1 C2	1-16	CONN-WR	SMAW250-02	1	SYNC1
1-19 CONN-WR SMAW250-11 1 LPA1 1-20 CONN-WR YDAW200-22 1 RFCN1 1-21 C-TANTAL TMCMA1D475MTRF 6 MC1 MC2 MC3 MC4 C5 C22 1-22 C-TANTAL TMCMA1C106MTRF 1 C3 1-23 C-TANTAL TMCMB1C226MTRF 1 C4 1-24 C-TANTAL TMCME1V226MTRF 1 C1 1-25 C-TANTAL TMCME1C107MTRF 1 C2	1-17	CONN-WR	SMAW250-04	1	PWR1
1-20 CONN-WR YDAW200-22 1 RFCN1 1-21 C-TANTAL TMCMA1D475MTRF 6 MC1 MC2 MC3 MC4 C5 C22 1-22 C-TANTAL TMCMA1C106MTRF 1 C3 1-23 C-TANTAL TMCMB1C226MTRF 1 C4 1-24 C-TANTAL TMCME1V226MTRF 1 C1 1-25 C-TANTAL TMCME1C107MTRF 1 C2	1-18	CONN-WR	SMAW250-08	1	PSU1
1-21 C-TANTAL TMCMA1D475MTRF 6 MC1 MC2 MC3 MC4 C5 C22 1-22 C-TANTAL TMCMA1C106MTRF 1 C3 1-23 C-TANTAL TMCMB1C226MTRF 1 C4 1-24 C-TANTAL TMCME1V226MTRF 1 C1 1-25 C-TANTAL TMCME1C107MTRF 1 C2	1-19	CONN-WR	SMAW250-11	1	LPA1
1-22 C-TANTAL TMCMA1C106MTRF 1 C3 1-23 C-TANTAL TMCMB1C226MTRF 1 C4 1-24 C-TANTAL TMCME1V226MTRF 1 C1 1-25 C-TANTAL TMCME1C107MTRF 1 C2	1-20	CONN-WR	YDAW200-22	1	RFCN1
1-23 C-TANTAL TMCMB1C226MTRF 1 C4 1-24 C-TANTAL TMCME1V226MTRF 1 C1 1-25 C-TANTAL TMCME1C107MTRF 1 C2	1-21	C-TANTAL	TMCMA1D475MTRF	6	MC1 MC2 MC3 MC4 C5 C22
1-24 C-TANTAL TMCME1V226MTRF 1 C1 1-25 C-TANTAL TMCME1C107MTRF 1 C2	1-22	C-TANTAL	TMCMA1C106MTRF	1	C3
1-25 C-TANTAL TMCME1C107MTRF 1 C2	1-23	C-TANTAL	TMCMB1C226MTRF	1	C4
	1-24	C-TANTAL	TMCME1V226MTRF	1	C1
1-26 D-SW KDS4148U 6 D1 D2 D3 D4 D6 D7	1-25	C-TANTAL	TMCME1C107MTRF	1	C2
<u> </u>	1-26	D-SW	KDS4148U	6	D1 D2 D3 D4 D6 D7

				ZD4 ZD5 ZD6 ZD7 ZD8 ZD10 ZD11 ZD12 ZD13
1-27	D-ZN	KDZ5.6V	16	ZD14 ZD15 ZD16 ZD17 ZD18 ZD20 ZD21
1-28	D-ZN	Z02W4.7V	1	D5
1-29	IC-COMM	MAX232ESE	1	MAX1
1-30	IC-CPLD	LC4064V-75TN100I	1	PLD1
1-31	IC-CPLD	LC4256V-75TN100I	1	PLD2
1-32	IC-CPU	ATmega128-16AU	1	CPU1
1-33	IC-REG	MIC29150-5.0WU	1	REG1
1-34	IC-REG	NCV1117ST-3.3	1	REG2
1-35	IC-RESET	DS1232L	1	RST1
1-36	IC-SRAM	K6X4008C1F-GF70	1	u3
1-37	IC-TEMP	TMP36GT9Z	1	TMP1
1-38	IC-TTL	SN74HC244DW 74HC244D	1	BUF2
1-39	IC-TTL	SN74HC245DW 74HC245D	1	U4
1-40	IC-TTL	SN74HC573DW 74HC573D	1	U2
1-41	IC-TTL	SN74LVC244ADW 74LVC244D	1	BUF1
1-42	IC-USB	CP2101	1	U1
1-43	LED	G 3PIE	1	LED1
1-44	OSC	OS-16MHz-SCO105	1	osc1
1-45	R-ARRAY	RP 164P J 102 CS	3	RP15 RP16 RP17
1-46	R-ARRAY	RP 164P J 472CS	16	RP5 RP6 RP7 RP8 RP9 RP10 RP11 RP12 RP13
1-47	R-ARRAY	RP 164P J 103 CS	4	RP23 RP24 RP25 RP26
1-48	R-ARRAY	RP 164P J 104 CS	1	RP28
1-49	R-ARRAY	RP 164P J 474 CS	2	RP1 RP2
1-50	R-CHIP	RC2012J000CS	1	R78
1-51	R-CHIP	RC2012F220CS	2	R60 R62
1-52	R-CHIP	RC2012F101CS	43	R2 R4 R5 R7 R8 R9 R10 R11 R12 R13 R14 R15 R17 R19 R21 R23 R24 R25 R26 R27 R28 R29 R30 R31 R33 R34 R36 R39 R43 R45 R46 R47 R48 R49 R50

				R51 R52 R53 R57 R58 R63 R64 R65
1-53	R-CHIP	RC2012F102CS	1	R56
1-54	R-CHIP	RC2012F472CS	6	R59 R67 R68 R73 R74 R79
1-55	R-CHIP	RC2012F103CS	4	R76 R77 R80 R82
1-56	R-CHIP	RC2012F473CS	1	R75
1-57	S/W-DIP	BSD-104P	1	SW1
1-58	S/W-RESET	STP-1230	1	RESET1

2	PCB	A070416071B(HUEX1101-2)	1	
2-1	BEAD-CHIP	HB-1S2012-8R0JT	1	L1
2-2	C-CHIP	CL21C220JBANNNC	2	C6 C7
2-3	C-CHIP	CL21C300JBANNNC	0	
2-4	C-CHIP	CL21C101JBANNNC	2	C15 C16
2-5	C-CHIP	CL21C102JBANNNC	13	CC1 CC2 CC3 CC4 CC5 CC6 CC11 CC14 CC15 CC16 CC17 CC18 CC19
2-6	C-CHIP	CL21C103JBANNNC	5	CC7 CC8 CC9 CC10 CC13
2-7	C-CHIP	CL21C104JBANNNC	27	BC1 BC2 BC3 BC4 BC6 BC7 BC8 BC9 BC10 BC11 BC12 BC13 BC14 BC15 BC16 BC17 BC18 BC19 BC20 BC21 BC22 BC23 BC24 BC25 BC26 BC27 BC28
2-8	C-CHIP	CL21C105JBANNNC	10	C8 C9 C10 C11 C12 C13 C14 C17 C19 C20
2-9	CONN-HIF	HIF3FB-10PA-2.54DSA	1	ISPCN1
2-10	CONN-HIF	HIF3H-8DA-2.54DSA	1	DEBUG1
2-11	CONN-HIF	HIF3H-8PB-2.54DS	1	DEBUG2
2-12	CONN-HIF	HIF3H-26PB-2.54DS	1	TDD1
2-13	CONN-USB	04B-VTD	1	USBCN1
2-14	CONN-WR	5267-07A	1	COMM1
2-15	CONN-WR	5267-14A	1	LEDCN1
2-16	CONN-WR	A2-8PA-2.54DSA	2	SPI1 SPI2
2-17	CONN-WR	SMW250-04	1	PWR1
2-18	CONN-WR	SMW250-08	1	PSU1
2-19	CONN-WR	SMAW250-02	1	SYNC1
2-20	CONN-WR	SMAW250-11	1	LPA1
2-21	CONN-WR	YDAW200-22	1	RFCN1
2-22	C-TANTAL	TMCMA1D475MTRF	6	MC1 MC2 MC3 MC4 C5 C22
2-23	C-TANTAL	TMCMA1C106MTRF	1	C3
2-24	C-TANTAL	TMCMB1C226MTRF	1	C4
2-25	C-TANTAL	TMCME1V226MTRF	1	C1
2-26	C-TANTAL	TMCME1C107MTRF	1	C2
2-27	D-SW	KDS4148U	6	D1 D2 D3 D4 D6 D7
2-28	D-ZN	KDZ5.6V	16	ZD4 ZD5 ZD6 ZD7 ZD8 ZD10 ZD11 ZD12 ZD13 ZD14 ZD15 ZD16 ZD17 ZD18 ZD20 ZD21

2-29	D-ZN	Z02W4.7V	1	D5
2-30	IC-COMM	MAX232ESE	1	MAX1
2-31	IC-CPLD	LC4064V-75TN100I	1	PLD1
2-32	IC-CPLD	LC4256V-75TN100I	1	PLD2
2-33	IC-CPU	ATmega128-16AU	1	CPU1
2-34	IC-REG	MIC29150-5.0WU	1	REG1
2-35	IC-REG	NCV1117ST-3.3	1	REG2
2-36	IC-RESET	DS1232L	1	RST1
2-37	IC-SRAM	K6X4008C1F-GF70	1	U3
2-38	IC-TEMP	TMP36GT9Z	1	TMP1
2-39	IC-TTL	SN74HC244DW 74HC244D	1	BUF2
2-40	IC-TTL	SN74HC245DW 74HC245D	1	U4
2-41	IC-TTL	SN74HC573DW 74HC573D	1	U2
2-42	IC-TTL	SN74LVC244ADW 74LVC244D	1	BUF1
2-43	IC-USB	CP2101	1	U1
2-44	LED	G 3PIE	1	LED1
2-45	OSC	OS-16MHz-SCO105	1	OSC1
2-46	R-ARRAY	RP 164P J 102 CS	3	RP15 RP16 RP17
2-47	R-ARRAY	RP 164P J 472CS	16	RP5 RP6 RP7 RP8 RP9 RP10 RP11 RP12 RP13 RP14 RP18 RP19 RP20 RP21 RP22 RP27
2-48	R-ARRAY	RP 164P J 103 CS	4	RP23 RP24 RP25 RP26
2-49	R-ARRAY	RP 164P J 104 CS	1	RP28
2-50	R-ARRAY	RP 164P J 474 CS	2	RP1 RP2
2-51	R-CHIP	RC2012J000CS	1	R78
2-52	R-CHIP	RC2012F220CS	2	R60 R62
2-53	R-CHIP	RC2012F101CS	43	R2 R4 R5 R7 R8 R9 R10 R11 R12 R13 R14 R15 R17 R19 R21 R23 R24 R25 R26 R27 R28 R29 R30 R31 R33 R34 R36 R39 R43 R45 R46 R47 R48 R49 R50 R51 R52 R53 R57 R58 R63 R64 R65
		•	1	

2-55	R-CHIP	RC2012F472CS	6	R59 R67 R68 R73 R74 R79
2-56	R-CHIP	RC2012F103CS	4	R76 R77 R80 R82
2-57	R-CHIP	RC2012F473CS	1	R75
2-58	S/W-DIP	BSD-104P	1	SW1
2-59	S/W-RESET	STP-1230	1	RESET1

2	РСВ	A080416001A(HUEX1102-1)	1	
2-1	BATTERY	CR1220-T23	1	BT1
2-2	BEAD-CHIP	HB-1S2012-8R0JT	4	L2 FB2 L3 L4
2-3	BEAD-CHIP	MLB-201209-0300P-N2	1	L1
2-4	C-CHIP	CL21C100JBANNNC	4	C25 C26 C27 C28
2-5	C-CHIP	CL21C150JBANNNC	3	CC1 C4 C5
2-6	C-CHIP	CL21C180JBANNNC	2	C6 C7
2-7	C-CHIP	CL21C330JBANNNC	0	
2-8	C-CHIP	CL21C102JBANNNC	2	CC3 C24
2-9	C-CHIP	CL21C103JBANNNC	6	C1 CC2 C2 C3 C13 C23
				BC1 BC2 BC3 BC4 BC5 BC7 C8 BC8 C9 BC9 C10
				BC10 BC11 BC12 BC13 BC14 BC15 BC16 C17
				BC17 BC18 BC19 C20 BC20 BC21 C22 BC22 BC23
				BC24 BC25 BC26 BC27 BC28 BC29 BC30 BC31
2-10	C-CHIP	CL21C104JBANNNC	70	BC32 BC33 BC34 BC35 BC36 BC37 BC38 BC39
				BC40 BC41 BC42 BC43 BC44 BC45 BC46 BC47
				BC48 BC49 BC50 BC51 BC52 BC53 BC54 BC55
				BC56 BC57 BC58 BC59 BC60 BC61 BC62 BC63
				BC64 BC65
2-11	C-ELEC	33uF 35V-MVK	1	TC4
2-12	CONN	AXK5F00545J	1	CDMA1
2-13	CONN-WR	5267-03A	1	DBUG1
2-14	CONN-WR	5267-05A	1	USBCN1
2-15	CONN-WR	5267-07A	1	DM1
2-16	CONN-WR	SMAW250-07	1	COMM1
2-17	CONN-WR	SMAW250-14	1	LEDCN1
2-18	C-TANTAL	TMCP1C105MTRF	2	C12 C15
2-19	C-TANTAL	TMCMA1D475MTRF	3	C11 C14 C16
2-20	C-TANTAL	TMCMA1C106MTRF	8	EC1 EC2 EC3 EC4 EC5 C18 C19 C21
2-21	C-TANTAL	TMCMB1C226MTRF	1	TC5
2-22	C-TANTAL	TMCME1C107MTRF	3	TC1 TC2 TC3
2-23	D-SK	KDR368-RTK/P	1	D1
2-24	IC-ARM	AT91SAM9260-CJ	1	ARM1
2-25	IC-COMM	MAX3232IDR	1	MAX1

2-26	IC-COMM	W5100	1	ETH1
2-27	IC-FLASH	K9F2G08U0A-PIB0	1	MN6B1
2-28	IC-FRAM	FM31256-G	1	FRAM1
2-29	IC-REG	MIC29152WU	1	REG3
2-30	IC-REG	MIC39100-1.8WS	1	REG2
2-31	IC-REG	MIC39100-3.3WS	1	REG1
2-32	IC-RESET	DS1832S	1	RST1
2-33	IC-SDRAM	K4S561632H-UI75 MT48LC16M16A2TG-75IT	2	SDRAM1 SDRAM2
2-34	IC-TRANSCIVER	DM9161AE	1	MN1
2-35	IC-TTL	74LVC32D SN74LVC32D	1	OR1
2-36	IC-TTL	74LVC244D SN74LVC244DW	1	BUFF1
2-37	INDU-CHIP	FL-B2012-102KJT	2	FB1 FB3
2-38	INDU-CHIP	FL-B2012-472KJT	1	L5
2-39	LED	BL-BEG201	5	LED1 LED3 LED4 LED5 LED6
2-40	LED	BL-B2141G	1	LED8
2-41	LED HOLDER	LED HOLDER 9mm	5	LED1 LED3 LED4 LED5 LED6
2-42	LED HOLDER	LED HOLDER 10mm	1	LED8
2-43	LED-CHIP	SML-210MTT86	10	TX1 SPD1 RX1 LINK1 FDX1 COL1 LED2 LED9 LED10 LED11
2-44	M-JACK	LU1T516-43LF	2	RJ1 RJ2
2-45	OSC	OS-50MHz-SCO103	1	OSC1
2-46	R-ARRAY	RP 164P J 103 CS	8	RP1 RP2 RP3 RP4 RP5 RP6 RP7 RP8
2-47	R-CHIP	RC2012J000CS	30	R9 R43 R45 R46 R47 R48 R52 R53 R54 R55 R56 R58 R59 R60 R65 R66 R69 R72 R73 R81 R86 R93 R95 R98 R99 R101 R102 R103 R104 R106
2-48	R-CHIP	RC2012F100CS	9	R13 R14 R15 R16 R17 R18 R19 R74 R75
2-49	R-CHIP	RC2012F220CS	5	R87 R88 R89 R90 R91
2-50	R-CHIP	RC2012F330CS	2	R10 R11
2-51	R-CHIP	RC2012F49R9CS	8	R30 R31 R35 R36 R49 R50 R61 R62
2-52	R-CHIP	RC2012F101CS	1	R5
2-53	R-CHIP	RC2012F301CS	1	R29

2-54	R-CHIP	RC2012F331CS	6	R21 R27 R28 R70 R71 R111
2-55	R-CHIP	RC2012F471CS	6	R22 R24 R25 R26 R33 R34
2-56	R-CHIP	RC2012F681CS	1	R1
2-57	R-CHIP	RC2012F102CS	4	R77 R82 R92 R97
2-58	R-CHIP	RC2012F152CS	0	
2-59	R-CHIP	RC2012F472CS	4	R83 R84 R85 R100
2-60	R-CHIP	RC2012F682CS	1	R67
2-61	R-CHIP	RC2012F103CS	9	R4 R7 R42 R44 R57 R63 R64 R68 R107
2-62	R-CHIP	RC2012F123CS	1	R32
2-63	R-CHIP	RC2012F153CS	1	R8
2-64	R-CHIP	RC2012F223CS	1	R12
2-65	R-CHIP	RC2012F303CS	1	R3
2-66	R-CHIP	RC2012F683CS	1	R2
2-67	R-CHIP	RC2012F104CS	2	R94 R105
2-68	R-CHIP	RC2012F474CS	3	R76 R78 R79
2-69	R-CHIP	RC2012J105CS	1	R23
2-70	S/W-RESET	FP1F-2M-Z	1	SW2
2-71	S/W-RESET	KPT-1105L	1	SW1
2-72	S/W-RESET	STP-1230	1	RESET1
2-73	X-TAL	XT-18.432MHz-SX1	1	Y2
2-74	X-TAL	XT-25MHz-SX1	1	Y1
2-75	X-TAL	XT-32.768KHz-CH308	2	XTAL1 Y3

LNA

NO	IVA 품명	규격/도번	Ref. No	수량	Typo	Maker	비
NO	10	π ≒/エゼ	nei. No	T 5	Type	iviakei	고
1	PCB	RF PCB		1	테프론/0.8T	영일산업	
2	FCB	Control PCB		1	FR-4/0.8T	영일산업	
3		100 pF	C21,C22,C23,C24	4			
4		100 βι	021,022,020,024				
5	Ceramic	100 nF	C11,C12,C13,C16	4			
6	Chip		011,012,010,010		SMD(2012)	SAMSUNG	
7	Capacitor	47 pF	C25,C30,C31,C32,C33	5	(2012)	<i>575 5</i>	
8	σαρασιτο.	10 pF	C1,C2,C6,C7,C9,C10,C26,	12			
		10 pi	C27,C28,C37,C38,C39	, _			
9		22 pF	C43	1			
10	Tantal	10 uF/16V	C3,C4,C5,C14,C15,C17,	9	B type		
	Capacitor		C18,C19,C20		,	Murata	
11	<u> </u>	10 uF/35V	C8	1			
12	High Q	22pF	C29,C34,C35,C36,C40,C41,	8	SMD (2012)	Johanson	
	Capacitor	· 	C42,		- , ,		
13	Coil	22 nH	L1,L2,L3,L4,L5,L6,L7	7			
	Inductor						
14		0 Ω	R7,R6	2			
15			R1,R2,R3,R4,R5,R8,R9,R19,		, ,		
16	Chip	1 kΩ	R20,R21,R22,R23,R24,	19	SMD (2012)		
	Resister		R25,R26,R27,R28,R29,R30				
17		3 kΩ	R10	1			
18		56 Ω	R15,R16,R17,R18	4	SMD (6432)	Delta	
19		33 Ω	R11,R12,R13,R14	4			
20	N.C.	N.C.	R31,R32	2			
21			D1,D2,D3,D4,D5,D6,D7,D8		, ,		
22	Pin Diode	M5X5130	,D9,D10,D11,D12,D13,	16	SMD (2012)	Metelics	
	D.:		D14,D15,D16	_			
23	PNP TR	MMBT2907	Q1,Q2,Q7,Q8,Q9,Q10	6	SOT23	Motorora	
33	NPN TR	2N2222	Q3,Q4,Q5,Q6	4			
24	Not Gate	NC7S04	U3,U4	2	5-lead SOT23	Fair child	

25	LNA IC	LCL2702	U7,U8	2			
26	Switch	HMC349LP4C	U6	1			
27	Switch	MAX4660	U2,U5	2	8L uMax		
28	Regulator	KIA78D05	U1	2	D-PAK	KEC	
29		SMA 2hole		4		동진 TI	
30		EMI D-sub		1		Expan tech.	
30	Connector	9pin		'		схрап тест.	
31		Molex 5267		1		Molex	
31		2pin		1		Molex	
32	Feed Thru	FC4-	8	Ω		Expan tech.	
32	i eed iilid	251F101-A			Expair tecir.		
33		M2.3*5 (둥근		50			
33		머리)		30			
34	Screw	M2.6*5 (접시		50	SUS	평화	
54	Sciew	머리)		30	303	· 평와 	
35	35	M2.3*5 스프		10	SUS		
33		戓		10	303		
36		Body		1	황색 크로메		
37	Housing	Top Cover		1	왕색 그도메 이트	EMP	
38		Bottom Cover		1	VI=		

No	Part Class	Description	Q'ty	Reference	Supplier
1	CAP;CERAMIC	4.7pF,50V	2	C14 C15	ANY VENDOR
2	CAP;CERAMIC	100pF,50V	1	C339	ANY VENDOR
3	CAP;CERAMIC	1nF,50V	2	C11 C338	ANY VENDOR
4	CAP;CERAMIC	2.2nF,50V	1	C310	ANY VENDOR
5	CAP;CERAMIC	100nF,16V	3	C307 C308 C309	ANY VENDOR
6	CAP;CERAMIC	1uF,10V	1	C315	ANY VENDOR
7	CAP;CERAMIC	2.2uF,50V	6	C282 C283 C311 C312 C313 C314	ANY VENDOR
8	CAP;CERAMIC	22pF,50V	7	C330 C331 C332 C333 C334 C335 C337	ANY VENDOR
9	CAP;CERAMIC	100nF,50V	105	C3 C4 C10 C12 C13 C17 C18 C19 C20 C21 C22 C24 C25 C26 C27 C39 C40 C63 C200 C201 C202 C203 C204 C205 C206 C207 C208 C209 C210 C211 C212 C213 C214 C215 C216 C217 C218 C219 C220 C221 C223 C224 C225 C227 C228 C229 C230 C231 C232 C233 C234 C231 C232 C233 C234 C235 C236 C237 C239 C240 C241 C242 C243 C244 C245 C246 C247 C248 C249 C250 C251 C252 C253 C254 C255 C256 C257 C258 <td>ANY VENDOR</td>	ANY VENDOR

				C276 C277 C278 C279	
				C280 C285 C286 C296	
				C297 C299 C301 C327	
				C328 C329	
				C320 C321 C322 C323	
10	CAP;CERAMIC	10nF,50V	7	C324 C325 C326	ANY VENDOR
11	CAP;CERAMIC	1uF,6.3V	2	C305 C306	ANY VENDOR
12	CAP;CERAMIC		1	C302	ANY VENDOR
		120pF,16V			
13	CAP;TANTAL	100uF,16V	2	C317 C318	ANY VENDOR
14	CAP;TANTAL	10uF,16V	5	C5 C8 C238 C281 C284	ANY VENDOR
15	CAP;TANTAL	470uF,6.3V	1	C316	ANY VENDOR
16	CAP;TANTAL	10uF,6.3V	2	C303 C304	ANY VENDOR
17	CAP;TANTAL	22uF,20V	1	C319	ANY VENDOR
18	IND	LQM21NN2R2K10	9	BD3 BD4 L1 L2 L3 L200	MURATA
				L201 L202 L203	
19	IND	LQM18NN1R0K00	1	L211	MURATA
20	IND	0402CS-R10XJL	2	L206 L207	COILCRAFT
21	FLT;EMI/BEAD	BLM41PG600SN1	1	BD2	MURATA
22	FLT;EMI/BEAD	BLM18EG221SN1D	1	BD1	MURATA
23	FLT;EMI/BEAD	NFM18PC105R0J3D	3	L208 L209 L210	MURATA
24	FLT;RF/ANALOG	2500BL14M100	1	M6	JOHANSON
25	RES;THICK FILM	51,1%	2	R242 R243	ANY VENDOR
	CHIP				
26	RES;THICK FILM CHIP	10,5%	1	R241	ANY VENDOR
				R10 R23 R49 R201	
	RES;THICK FILM			R206 R216 R227 R229	
27	CHIP	22,5%	13	R254 R255 R256 R257	ANY VENDOR
				R258	
28	RES;THICK FILM	330,5%	5	R1 R17 R20 R25 R209	ANY VENDOR
		I .		I .	

	CHIP				
	RES;THICK FILM			R13 R14 R29 R30 R244	
29	CHIP	1K,5%	7	R245 R246	ANY VENDOR
30	RES;THICK FILM CHIP	1.5K,5%	3	R238 R239 R253	ANY VENDOR
31	RES;THICK FILM CHIP	3.3K,5%	3	R36 R37 R252	ANY VENDOR
32	RES;THICK FILM CHIP	4.7K,5%	17	R11 R12 R21 R22 R208 R210 R211 R213 R214 R215 R220 R221 R224 R225 R228 R234 R237	ANY VENDOR
33	RES;THICK FILM CHIP	10K,5%	8	R26 R200 R202 R203 R204 R205 R207 R217	ANY VENDOR
34	RES;THICK FILM CHIP	0,5%	1	R41	ANY VENDOR
35	RES;THICK FILM CHIP	0,5%	5	R6 R219 R236 R247 R250	ANY VENDOR
36	RES;THICK FILM CHIP	1.69K,5%	1	R240	ANY VENDOR
37	OSC	SCO53-22.4MHz	1	Y1	SUNNY
38	TCXO	SRB3007A-40MHz	1	Y2	NDK
39	IC;LOGIC	SN74LVC00APWR	1	U6	TI
40	IC;LOGIC	SN74HC244APW	1	U8	TI
41	IC;PROCESSOR	S3C2410A20-YO8N	1	U5	SAMSUNG
42	IC;MAMORY	K4S281632I-UI75	1	U10	SAMSUNG
43	IC;MAMORY	K6R4016V1D-UI10	1	U202	SAMSUNG
44	IC;MEMORY	EPCS16SI16N	1	U201	Altera
45	IC;MEMORY	M29W320ET-70N6	1	U203	ST
46	IC;FPGA	EP2C35F484I8N	1	U3	Altera
47	IC;VOLTAGE REGULATOR	TK11230CMI	2	U205 U206	ТОКО
48	IC;VOLTAGE REGULATOR	MIC37152WR	1	U208	MICREL
49	IC;VOLTAGE REGULATOR	MIC49150-1.2YMM	1	U209	MICREL

50	IC;A/D CONVERTER	AD9288BSTZ-40	1	U4	AD
51	IC;CLOCK	IDT2305-1DCGI8	1	U12	IDT
52	IC;TRANSMITTER	MAX2837ETM+T	1	U207	MAXIM
53	IC;SUPERVISORY	ASM811REUSF-T	1	U7	ALLIANCE
54	LED	LTST-C150GKT	2	LED1 LED2	LITEON
55	IC;REGULATOR	AP1509-ADJ	1	U204	ANACHIP
56	DIODE	B340	1	D1	ANY VENDOR
57	IND	47uH	1	L204	ANY VENDOR
58	BEAD	NFM41PC155B	1	L205	MURATA
59	Screw	2 x4 SUS 둥근머리	4	H1 H2 H3 H4	ANY VENDOR
60	CAN	42x31x5 (3가 크롬 코팅)	1		태광전자
		Screw Hall x 4, 2 x 4 mm			

RF module

	odule			필요	
No.	품명	Specification	Parts No.	수량	Remark
1	PCB			1	
2	기구			1	
3	SMA Conn.	SMA 2H(F)5*3 RA (gold)	SAM1,SAM2,SMA3	3	조립
4	Conn.	HIF3FB-16PA- 2.54DS			조립
5	SCREW	둥근 2.6*5-니켈		110	조립
6	SCREW	둥근 2.6*12-니켈		30	조립
74	SCREW	접시 2.6*5-sus		80	조립
		MOLEX5267-04		1	조립
8	Conn.	헤더핀,소켓		1	조립
		YDAW200-22		1	조립
9	Insulator		J1,J3,J4,J5,J6,J7,J8,J10,J	9	조립
10	AMP	BT05CV	U19	1	
11	AMP	BG13D	U1	1	
12	AMP	BG14A	U18	1	
13	AMP	BG17A	U24,U33,U36	3	
14	AMP	HMC374	U2,U4,U8,U12,U15,U16,U 17	7	
15	AMP	HMC284MS8G	U3,U20	2	
16	AMP	HMC580ST89	U9,U10,U11,U13	4	
17	DIVIDER	BD23B	U37,U27	2	
18	PLL	2394M	PLL1	1	
19	PLL	2792M	PLL2	1	
20	ATTEN	HMC542LP4	AT1,AT2,AT7	3	
21	BPF	2657M	BPF1,BPF3,BPF4,BPF5	4	
22	BPF	2535M	BPF2,BPF6,BPF7,BPF8	4	
23	BPF	SBP3R3 2394M	BPF9	1	
24	BPF	SBP3R3 2792M	BPF10	1	
25	CPL	RCP 265Q10	CP1	1	
26	DET	AD8362	U31	1	

27	LDO	MIC5219-5.0	U5,U7,U23	3	
28	LDO	MIC39102	U34,U21	2	
29	MIXER	HMC552LP4	M1,M2,M3,M4	4	
30	Regulator	78S05	U26,U29,U30	3	
31	OP-AMP	LMV321M5	U32	1	
32	VR	3224W-1-201E	VR1,VR2	2	
33	VR	3224W-1-103E	VR3	1	
34	THERMISTO	ECTH 160808	TH1,TH2,TH3,TH4,TH5,T	8	
34	R	470J3150HST	H6,TH7,TH8	0	
			TC1,TC2,TC3,TC4,TC5,TC		
			6,TC7,TC8,TC9,TC10,TC1		
			1,		
35	TANTAL	10uF/16V/A	TC12,TC13,TC14,TC15,T	22	
			C16,TC17,TC18,TC19,TC		
			20,		
			TC21,TC23		
36	TANTAL	10uF/16V	TC26,TC32,TC33	3	
37	TANTAL	47uF/16V/E	TC24,TC30	2	
38	TANTAL	220uF/16V	TC27,TC28,TC29	3	
39	CHIP	1pF/1608	C261	1	
09	CAPACITOR	16171000	0201		
40	CHIP	1.2pF/1608	C265	1	
10	CAPACITOR	1.20171000	0200	'	
41	CHIP	15pF/1608	C40,C56,C113,C115,C14	8	
	CAPACITOR	1001,71000	5, C147,C161,C178		
			C1,C2,C3,C5,C6,C7,C12,		
			C13,C14,C15,C16,C17,C1		
			8,		
			C19,C20,C23,C25,C26,C2		
	CHIP		7,C28,C29,C30,C31,C32,		
42	CAPACITOR	10pF/1608	C33,	102	
	5, , (5)11011		C35,C36,C51,C55,C60,C6		
			2,C78,C82,C92,C99,C112		
			,		
			C116,C117,C118,C119,C		
			120,C121,C131,C142,C14		

49	CHIP CAPACITOR	1nF/1608	C39,C58,C65,C68,C72,C7 9, C80,C83,C85,C87,C88,C9 5, C110,C111,C126,C130,C 140,C143,C144,C156,C18 0, C254,C255,C266	24	
50	CHIP CAPACITOR	10nF/1608	C223,C225,C256,C257	4	
51	CHIP	100nF/1608	C4,C8,C9,C10,C11,C24,C 34,C41,C52,C59,C63,C64 ,C66, C67,C77,C84,C90,C96,C9 7,C98,C101,C102,C106,C 108, C128,C133,C138,C141,C 148,150,C152,C154,C170 ,C173, C177,C185,C189,C191,C 192,C193,C199,C224,C22 6, C227,C229,C230,C235,C 237,C240,C244,C247,C25 0, C259,C260,C267,C268,C 269,C274,C275	59	
52	CHIP CAPACITOR	1.1/1608	R2,R3,R5,R6,R26,R27,R3 0,R32,R35,R36,R40,R41,R 42, R43,R44,R46,R50,R52,R6 0,R61,R63,R64,R67,R68,R 74, R75,R80,R81,R82,R83,R8 4,R85,R109,R110,R133,R 134,	38	

			R136,R138		
53	CHIP RESISTER	4.7/1608	R1,R4,R17,R18,R86,R104, R105,R118,R123,R124,R1 35, R137	12	
54	CHIP RESISTER	10/1608	R8,R9,R10,R12,R13,R14, R88,R89,R90,R94,R115, R116,R117,R119,R120,R1	16	
55	CHIP RESISTER	0/1608	R31,R55,R57,R72,R128	5	
56		18/1608	R21,R29,R47,R62,R87,R9 3, R142	7	
57	CHIP RESISTER	51/1608	R16,R22,R28,R39,R51,R7 0,R73,R99,R101,R112,R1 25	11	
58	CHIP RESISTER	100/1608	R114	1	
59	CHIP RESISTER	1K/1608	R11,R15,R91,R129,R130	5	
60	CHIP RESISTER	3.3K/1608	R108,R131	2	
61	CHIP RESISTER	120/1608	R111,R113,R122,R126	4	
62	CHIP RESISTER	300/1608	R7,R19,R20,R23,R24,R25, R37,R38,R49,R54,R69,R7 1, R78,R79,R92,R95,R96,R1 00,R102,R103,R139,R143	22	
63	CHIP RESISTER	180/1608	R45,R48,R65,R66	4	
64	CHIP RESISTER	470/1608	R98,R97	2	
65	CHIP	10K/1608	R132,R106	2	

	RESISTER				
66	CHIP RESISTER	2.2nH/1608	R127	1	
67	CHIP INDUCTOR	3.3nH/1608	R108,R131	2	
68	CHIP INDUCTOR	8.2nH/1609	L1,L2,L3,L11,L22,L30,L31 ,L33,L36,L37,L39,L43,L44	13	
69	CHIP INDUCTOR	39nH/1608	L7,L19,L26,L35	4	
70	CHIP INDUCTOR	47nH/1608	L5,L6,L20,L21,L28,L29, L32,L34	8	
71	CHIP INDUCTOR	100nH/1608	L42	1	
72	CHIP INDUCTOR	270nH/1608	L8,L12,L15,L16,L25,L27	6	
73	CHIP INDUCTOR	1uH/1608	L38,L40	2	
74	NC		L4,L9,L10,L13,L14,L17, L18,C21,C22,L23,L24,R33 , R34,C37,C38,R53,R56,R5 8, R59,C61,C69,C70,C73,C7 5, R76,C76,R77,C86,C89,C9 1,C93,C94,R107,C107,C1 22, C123,C124,C125,C127,C 132,C136,C137,R140,R14 1,C151, C162,C163,C166,C167,C 168,C169,C174,C181,C18 2, C183,C201,C207,C209,C 210,C213,C220,C279	62	

						Component List							
_	Name RFP-2590-36-27	DOC . Name		ж Щ	Wimax_HPA Module	lule DOC. No	No				Item No.		
	Drawn Date	Chkd	Date		Appr.	Date Ref. Name	ame		Mgnt.	Date	lssue		
	J.Y.Kwack 10-Dec-08	J.Y.Kwack	December 10, 2008	C.Y.ı	Park [C.Y.Park December 10, 2008					1.0		
Š	. Design No.	Component	nent Name	Qty	Unit	Description/Remark		Class	Maker	dous	Item No.	Rep.	аţ
-	C14,C16,C17,C22,C23,C24,C28, C34,C35,C39,C48,C67,C68,C69, C73,C76,C80,C82,C86,C87,C88, C89,C90	O HD	CHIP CAPACITOR	83	EA	0.1uF/1608			Murata				
~	C59,C78	CHIP CAPAC	APACITOR	2	EA	1nF/1608			Murata				
ო	C13,C15,C19,C20,C27,C31,C32, C38,C47,C78,C79,C91	CHIP C	CHIP CAPACITOR	12	EA	100pF/1608			Murata				
4	C70,C71,C72,C74,C75,C83,C84, C85	CHIP C,	CHIP CAPACITOR	8	EA	51pF/1608			Murata				
2	C9,C10,C18,C21,C43,C45,C46	OHP C	CHIP CAPACITOR	7	EA	10pF/1608			Murata				
9	C30,C56	CHIP CAPAC	APACITOR	2	EA	2pF/1608			Murata				
7	C1	CHIP C,	CHIP CAPACITOR	1	EA	1.8pF/1608			Murata				
80	C2	CHIP CAPAC	APACITOR	1	EA	1.5pF/1608			Murata				
6	C8	CHIP C,	CHIP CAPACITOR	2	EA	1pF/1608			Murata				
10	C10	CHIP C,	CHIP CAPACITOR	4	EA	0.75pF/1608			Murata				
11	C33,C49	CHIP C,	CHIP CAPACITOR	2	EA	0.5pF/1608			Murata				
12	C57,C58,C59,C60,C61,C62, C63,C64	OHIP C	CHIP CAPACITOR	8	EA	1uF_50V/2012			Murata				
13	C42	CHIP C	CHIP CAPACITOR	-	EA	GRM319R71E334KA01D/3216			Murata				
14	HQ1,HQ2,HQ5	CHIP C	APACITOR	3	EA	201CHA10QJV/ H.Q			TIMEX				
15	HQ17,HQ18	CHIP C	APACITOR	2	EA	201CHA5R6JV/ H.Q			TIMEX				
	HQ13,HQ14,HQ15,HQ16	CHIP C	CHIP CAPACITOR	4		201CHA3R6JV/ H.Q			TIMEX				
	HQ3,HQ4	CHIP C	CHIP CAPACITOR	4		201CHA1R5JV/ H.Q			TIMEX				
15	HQ6,HQ7,HQ11,HQ12	CHIP C	CHIP CAPACITOR	2	EA	201CHA1RQIV/ H.Q			TIMEX				
16	TC1,TC2,TC3,TC5,TC7,TC8,TC9, TC10,TC11,TC15,TC16,TC18, TC19	TANTAL	TANTAL CAPACITOR	13	EA	TAJA475M01GR, 4.7uF/16V			AVX				
17	TC6,TC14,TC17	TANTAL	CAPACITOR	3	EA	TAJB106M016R, 10uF/16V			AVX				
18	TC12,TC13	TANTAL	TANTAL CAPACITOR	2	EA	TAJB106M 016R, 10uF/50V			AVX				
19	C41	EL CA	EL CAPACITOR	-	EA	100uF/50V			RUBYCON				
20		EL CA	EL CAPACITOR	-	EA	330uF/16V			RUBYCON				
21	EN	EMI C	EMI CAPACITOR	3	EA	CTH20V102S10A			Maruwa				
22	EN	EMI C/	EMI CAPACITOR	5	EA	CTH20V102S20A			Maruwa				
22		EMI C	EMI CAPACITOR	- 1	EA	CNA30R102M –BM		Ì	Maruwa				
33	L2,L3	CHIP II	CHIP INDUCTOR	۰,	EA i	15nH/1608			E Se 1				
24		CHIPI	NDUCTOR	_	EA	3.3nH/1608			<u> </u>				

R5.R6.R8, R27,F R2				ļ				
Fig. 18	25	L5,L10	CHIP INDUCTOR	2	EA	1.8nH/ 1608	타양하전	
RATE PROPERTY RESIDENCE F. F. A.		L7,L8	CHIP INDUCTOR	2	Ī	SLF1257ST-470M2R7	TDK	
Rib, Rib, Rib, Pin, Pin, Pin, Pin, Pin, Pin, Pin, Pin	26	R35	CHIP RESISTOR	-	EA	47kg/1608	Rohm	
Page 1977 Cup Presstrop 2	27	R5,R6,R8,R9,R11,R12,R14, R17,R18	CHIP RESISTOR	6	EA	12kg/1608	Rohm	
PRESENCE PRESENCIA 2 E.A. E	28	R26,R57	CHIP RESISTOR	2	EA	10k2/1608	Rohm	
READER COUP RESIDEN 1 E.A	29	R4,R13	CHIP RESISTOR	2	EA	8.2Kg/1608	Rohm	
PRAMER	30	R55	CHIP RESISTOR	٦	EA	5.142/1608	Rohm	
RAME ADDRESSION OF THE RESISTORY O	31	R34	CHIP RESISTOR	٦	EA	3.34.2/1608	Rohm	
RECOMMETOR 0 EA EASINTON PRESENCIP 1 EA SEQUITOR PRESENCIA 2 EA SEQUITOR RESTORMENTATION 2 EA COMBINIOR RADIAGRAM CHILLESSTOR 2 EA RADIATION RADIAGRAM CHILLESSTOR 2 EA RADIATION RADIATION 2 EA RADIATION CARLAND RADIATION 2 EA RADIATION CARLAND VERLINEZAMAN POT RESISTOR 2 EA RADIATION AMPT AMP 1 EA RADIATION AMPT AMP 1 EA RESISTOR AMPT AMP 1 EA RECONSTRUCTOR COL COL EA ANDERSOR COL </td <td>32</td> <td>R24</td> <td>CHIP RESISTOR</td> <td>٦</td> <td>EA</td> <td>3kg/1608</td> <td>Rohm</td> <td></td>	32	R24	CHIP RESISTOR	٦	EA	3kg/1608	Rohm	
RECTREMENSING CHP RESISTOR 4 EA FURBATION READ CHP RESISTOR 2 EA CROSSTORING READ CHP RESISTOR 2 EA CROSSTORING RAD READ CHP RESISTOR 2 EA CROSSTORING RAD READ CHP RESISTOR 2 EA CROSSTORING RAD RESISTOR 2 EA CROSSTORING RAD RAD RESISTOR 2 EA ARDANIA RAD AMP RANAPA AMP 2 EA ARDANIA AMP RANAPA AMP 2 EA ARDANIA AMP ARRAPA AMP 2 EA ARDANIA AMP ARRAPA AMP 2 EA ARDANIA AMP ARRAPA AMP 1 EA ARRAPANIA AMP ARRAPA AMP 1 EA ARRAPANIA AMP ARRAPA AMP 1 EA ARRAPANIA AMP ARRAPA AMP 1 EA ARRAPANIA <td>33</td> <td>R22,R37,R38</td> <td>CHIP RESISTOR</td> <td>ဇ</td> <td>EA</td> <td>2,2kg/1608</td> <td>Rohm</td> <td></td>	33	R22,R37,R38	CHIP RESISTOR	ဇ	EA	2,2kg/1608	Rohm	
REAS CHIP RESISTOR 1 EA COND. 1683 RAJ REAL RADE CHIP RESISTOR 2 EA 2000.1683 RAJ REAL RADE CHIP RESISTOR 2 EA 2000.1683 RAJ RAJ RADE CHIP RESISTOR 2 EA 2000.1683 RAJ RAJ RADE CHIP RESISTOR 2 EA 2000.1683 THETI LHER THERMALL RADE 2 EA 2000.1683 VRINYA VERVINE, VER POT, RESISTOR 2 EA 2000.1683 AMPT AMP 1 EA ACROSTOR 6.00 AMP AMP 1 EA ACROSTOR 6.00 AMP AMP 1 EA ACROSTOR 6	34	R27,R28,R39,R52	CHIP RESISTOR	4	EA	1KΩ/1608	Rohm	
RASIRES CHP RESISTOR 2 EA CROOL/1000 RASIANT COHP RESISTOR 2 EA 2003/1609 RASIANT COHP RESISTOR 2 EA 2003/1609 RASIANT COHP RESISTOR 2 EA 2003/1609 NESSANI COHP RESISTOR 2 EA 2004/1609 VIRI, VRZ, MATA COHP RESISTOR 2 EA 2004/1609 VIRI, VRZ, MATA POT, RESISTOR 2 EA 2004/1609 AMP POT, RESISTOR 6 EA 2004/1609 AMP AMP 1 EA APROBRE AMP 1 EA ARRESISTOR 6 AMP 1 EA ARRESISTOR 1 AMP 1 EA ARRESISTOR 1 AM	35	R25	CHIP RESISTOR	-	EA	4702/1608	Rohm	
REGISTRATE CHIP RESIGN 2 EA 2002/1608 REGISTRATE CHIP RESIGN 2 EA 2004/1608 REGISTRATE CHIP RESIGN 2 EA 2004/1608 REGISTRATE CHIP RESIGN 2 EA 2004/1608 REGISTRATE REGISTRATE 2 EA 2004/1608 REGISTRATE REGISTRATE 2 EA 4004/2004 REGISTRATE REGISTRATE 2 EA 4004/2004 REGISTRATE R	36	R58,R59	CHIP RESISTOR	2	EA	4302/1608	Rohm	
PAGE PAGE PAGE PAGE PAGE PAGE PAGE PAGE	37	R31,R32	CHIP RESISTOR	2	EA	2402/1608	Rohm	
RECALIFORM CHAPRESSTOR 2 EA ESQUIGOR THERITHER THERMALI PAD 2 EA 2000/1008 THERITHER THERMALI PAD 2 EA 2000/1008 VRI,VREYNEWEYR POT JERSISTOR 2 EA 3000/1008 AMPD AMPA AMP 1 EA AP200/SOT09 AMPD AMPA AMPA 1 EA AP200/SOT09 AMPD AMPA AMPA AMP 1 EA AP200/SOT09 AMPD AMPA AMPA AMPA 1 EA AP200/SOT09 1 AMPD AMPA AMPA AMPA AMPD AMPA AMPA AMPA AMPA AMPA AMPA AMPA	38	R40.R45.R46.R49.R50.R51	CHIP RESISTOR	9	EA	2002/1608	Rohm	
THE FIGURE CHP RESISTOR 2 EA	39	R42.R47	CHIP RESISTOR	2	EA	1502/1608	Bohm	
THERH THERE	40	R33.R41	CHIP RESISTOR	2	EA	249/1608	Bohm	
VRB VRP7 POT RESISTOR 2 EA SCRAMODI VR1 VR2 VRA VRB VRB POT JEESSITOR 6 EA RECAMODI AMP ARAPA AMP 1 EA RECAMODIO AMP SAMPS AMP 1 EA RELASOR AMP PAMAPS AMP 2 EA MRPTSQT/30-RB3 AMP PAMAPS AMP 1 EA MRPTSQT/30-RB3 AMP PAMAPS AMP 1 EA MRPTSQT/30-RB3 AMP DAMAPS 1 EA MRPTSQT/30-RB3 MRPTSQT/30-RB3 OL TR EA MRPTSQT/30-RB3 MRPTSQT/30-RB3 MRPTSQT/30-RB3 OL TR EA MRPTSQT/30-RB3 MRPTSQT/30-RB3 MRPTSQT/30-RB3 OL TR TR EA MRPTSQT/30-RB3 MRPTSQT/30-RB3 MRPTSQT/30-RB3 OL TR TR EA MRPTSQT/30-RB3 MRPTSQT/30-RB3 MRPTSQT/30-RB3 MRPTSQT/30-RB3 NATABOSA REGALLATOR 1 EA MRPTSQT/30-RB3 MR	41	THER1,THER2	THERMAL PAD	2	EA	6N9	Expan	
VR1 VR2 VR4 VR5 VR6 VR9 POT ARESISTOR 6 EA APPENDAD AMPSIAMP4 AMP 1 EA MEXEDIAL SOTISB AMPSIAMP4 AMP 1 EA FELSST AMPSIAMP5 AMP 1 EA MRFASSTORMS AMPSIAMP5 AMP 2 EA MRFASSTORMS OT DIODE 1 EA MRFASSTORMS OA TEMP SENGER 1 EA MRFASSTORMS OA TEMP SENGER 1 EA MRFASSTORMS OB DDOC 1 EA MRFASSTORMS OB DETECTOR 1 EA MRFASSTORMS REGILATOR 1 EA MRSASSTORMS	42	VR3.VB7	POT RESISTOR	2	EA	3224W201	Bourns	
AMP	43	VR1.VR2.VR4.VR5.VR6.VR8	POT RESISTOR	9	EA	3224W502	Bourns	
AMP! AMP I EA FILLSOFTOWN WP-22 AMPS AMP2 AMP 1 EA MFTS20710WF927 AMPS AMP2 AMP 1 EA MRTS22710MF93 Q1 DIODE 1 EA MRS234 Q3 TR 1 EA LAB093 Q3 TR 1 EA LAB082 LQ18,LMUS UT OP AMP 4 EA LAB082 LG1SHAUSUT OP AMP 4 EA LAB082 REGISPAK 34, SMO) REGULATOR 1 EA LAB082 REGS OP AMP 1 EA LAB082 AD882 REGS CAPAK SW, 1A, SMD) REGULATOR 1 EA MARTS22 AD882 REGS CAPAK SW, 1A, SMD) REGULATOR 1 EA MARTS26 AD882 REGS CAPAK SW, 1A, SMD) REGULATOR 1 EA MARTS26 AD882 REGS CAPAK SW, 1A, SMD) REGLUATOR 1 EA MARTS26 AD882 <td< td=""><td>44</td><td>AMP3 AMP4</td><td>AMP</td><td>2</td><td>ΕA</td><td>AP209/ SOT89</td><td>BEHIC</td><td></td></td<>	44	AMP3 AMP4	AMP	2	ΕA	AP209/ SOT89	BEHIC	
AMPE AMP 1 EA MFTSZTIOHR3 Q2 DIOCE 1 EA HRTSZTIOHR3 Q1 DIOCE 1 EA HRTSZTIOHR3 Q4 TEMP SENSER 1 EA HRSSA Q3 TTR EA LABO U1 DOC AB ABABCASZA U1 DOC ABABCASZA ABABCASZA U2,USLUA,US,UT OP AMP 4 EA LATCHSELLANGASA HEGILSPAK, SA, SMD) REGILATORR 2 EA MBRZSASZ REGILATORR 1 EA MBRZSASZ ABACASZA REGILATORR 2 EA MARRASA ABACASZA REGILATORR 1 EA MARRASA ABACAGA REGILATORR 1 EA MARRASA ABACAGA REGILATORR 1 EA MARRASA ABACAGA REGILATORR 1 EA MARACAGASA ABACACAA REGULATORR 1 EA	45	AMP1	AMA	-	ΕĀ	CC-dW /Ud05C1B	CHIA	
AMPEAMPE AMP 2 EA MRFTSZTI3GHR3 Q2 DIODE 1 EA HSMPP3BIO Q3 TR EA MABTSZTI3GHR3 Q3 TR LM50 Q1 DOCE 1 EA LM50 U2,U3,U4,U5,U7 DETECTOR 2 EA LM204 L0,U3 DETECTOR 2 EA LM204 L0,U3,U4,U5,U7 DOF MAP 4 EA LM204 L0,U3,U4,U5,U7 DOF MAP 4 EA LM204 REG1(SPAC, 3A, SMD) REGULATOR 1 EA MRCASASC REG4(DPAK, SV, 1A, SMD) REGULATOR 1 EA MARASASCT REG4(DPAK, SV, 1A, SMD) REGULATOR 1 EA MRADASASCT REG4(DPAK, SV, 1A, SMD) REGULATOR 1 EA MARASASCT REG4(DPAK, SV, 1A, SMD) REGULATOR 1 EA MARASASCT REG4(DPAK, SV, 1A, SMD) REGULATOR 1 EA MARASASCT	46	SAMPS	dM4	-	ΔĦ	FI 1357	0 cyke:	
Convector Con	47	AMP5 AMP6	dW4	2	ΔĦ	M RF7S97130HB3	Motorola	
TEMP SENSER	αV	00	100IC	-	Z d	OF CONTROL	Acilent	
Q4 TEMP SENSER 1 EA LMSD O3 TR EA LMSD F UL3.U3,U4U5,U7 OP AMP 4 EA LMSGAZ F US,U3,U4U5,U7 OP AMP 4 EA LMSGAZ F US,U3,U4U5,U7 OP AMP 2 EA ADSGAZ F REG1SAK, 3A, SMD) REG1LATOR 1 EA MRG488S F REG3 REG1LATOR 1 EA MRG48SG F REG4(DPAK, SV, 1A, SMD) REGULATOR 1 EA MRG4SGAF F REG4(DPAK, SV, 1A, SMD) REGULATOR 1 EA MRG4SGAF F REG4(DPAK, SV, 1A, SMD) REGULATOR 1 EA MRG4SGAF F Reg4(DPAK, SV, 1A, SMD) REGULATOR 1 EA MRG78GAF F Reg4(DPAK, SV, 1A, SMD) REGULATOR 1 EA TR0-20(VXA)12.7-28 F Reg1col Control 1 EA TR0-20(VXA)12.7-28 <td< td=""><td>40</td><td>3 5</td><td></td><td>-</td><td>ΔH</td><td>P.C.C.</td><td>0 dCciC</td><td></td></td<>	40	3 5		-	ΔH	P.C.C.	0 dCciC	
	2	3	TEMB SENSEB	,	í	- Me	No.	
Light	51	5	TB		ζ Δ L	MMBT222	Motorola	
DECURIONISTIC DO PAMP 1 EA LINESON	5 6	9 =		-	Š	MIM D. 1222.E	no com	
PEG4 (SPAK, 3A, SMD)	25	01	200	- 4	¥ \	LIUIZOILUMSO-4.3	Notes Comi	
PEG(ICPAK, 34, SMD)	53	U2,U3,U4,U3,U7	OF AMP	1 0	E A	LM 2804	National Semi	
REGI(SPAK, 3A, SMD) REGULATOR 1 EA MIC4885 MBR345CT	54	U6,U8	DETECTOR	7	EA	AD8362	Analog Device	
REG2 PREG1 FEA MBR245CT FEA MBR245CT FEA MBR245CT FEA LT1270 FEGULATOR 1 EA LT1270 FEGULATOR 1 EA KA7803AF FEGULATOR 1 EA TR0-21 (RING COIL.) FEA T	55	REG1(SPAK, 3A, SMD)	REGULATOR	-	EA	M1C4685	Micrel	
REGALDARS No. 1A, SMD) REGULATOR 1 EA LT1270 REGALDAR SV, 1A, SMD) REGULATOR 1 EA KA7809AF RINGSOIN Coil 1 EA KA7809AF Barcoil Coil 1 EA KA780AF DC Control Coil 1 EA TR0-21 (RING COIL) DC Control DC Control 1 EA ADISCOCCA3 RFP-280-36-27 v3.0 ISOLATOR 1 EA ADISCOCCA3 RFP-280-36-27 v3.0 SMA(F)4L-5_AG_EPOXY 1 EA RPP-280-36-27 v3.0 CONNECTOR SMA(F)4L-5_AG_EPOXY 1 EA RPP-280-36-27 v3.0 CONNECTOR SMA(F)4L-5_AG_EPOXY 1 EA RPP-280-36-27 v3.0 CONNECTOR EM I spin D-SUB (M) 1 EA RPP-280-36-27 v3.0 CONNECTOR EM I spin D-SUB (M) 1 EA RPP-280-36-27 v3.0 SCRW 2.6 x 6 (224 pil pa/k) SUS 48 EA	99	REG2	DIODE	-	EA	MBR2545CT	National Semi	
REG4(DPAK 5V, 1A, SMD) REG1LATOR 1 EA KIA780SAF Coll EA KIA780SAF Coll EA KIA780SAF Coll EA KIA780SAF Coll EA MACP (RING COIL) Coll EA TR0-2I (RING COIL) Coll EA EA Coll EA	57	REG3	REGULATOR	1	EA	LT1270	Linear	
REG\$(DPAK 9V, 1A, SMD) REGULATOR 1 EA KVA7809AF COIL COIL EA TR0-21 (RING COIL) COIL COIL <td>58</td> <td>REG4(DPAK 5V, 1A, SMD)</td> <td>REGULATOR</td> <td>1</td> <td>EA</td> <td>KIA7805AF</td> <td>KEC</td> <td></td>	58	REG4(DPAK 5V, 1A, SMD)	REGULATOR	1	EA	KIA7805AF	KEC	
Fingcoil Coil EA TR0-2! (RING COIL.) EA EAC COIL.) EA EAC COIL. EA EAC COIL. EA EAC COIL. EA EAC EA	59	REG5(DPAK 9V, 1A, SMD)	REGULATOR	1	EA	KIA7809AF	KEC	
Barcoll Coll EA SuH (BAR COLL) DC Control 1 EA TOOLF (YXA)12.7-25.8 전체르센서 1 EA TOOLF (YXA)12.7-25.8 F ISO1 ISO1 FA ADIZBOCEA3 F CONNECTOR PCB 1 EA ADIZBOCEA3 F CONNECTOR SMA(F)4L-5-2.BG_EPOXY 1 EA RPP-250-36-27.V3.0 F CONNECTOR SMA(F)4L-FL047-STRIP-63*m 1 EA RPP-250-36-27.V3.0 F CONNECTOR EMI 15pin D-SUB (M) 1 EA RPP-250-36-27.V3.0 F CONNECTOR EMI 15pin D-SUB (M) 1 EA RPP-250-36-27.V3.0 F SCRW 2.6 × 6 (절~Hu]412) 1 EA RPP-250-36-27.V3.0 F SCRW 2.3 × 6 (5~Pu]412 15 48 EA RPP-250-36-27.V3.0 F STUD 2 EA EA RPP-250-36-27.V3.0 F	9	Ringcoil	Coil	1	EA	TR0-21 (RING COIL)	성민정보통신	
DC Control DC Control E A 1 E A 1000LF/50V(YXA)12.7-25.8 E A 1 E A ADISSOCEA3 E A ADISSOCEA5.7/3.0 E A A A A A A A A A	61	Barcoil	Coil	1	EA	5uH (BAR COIL)	성민정보통신	
Main Regular 전해콘덴서 1 EA 1000LF/50V(YXA)12.7*25.8 ISOLATOR 1 EA ADIZEOCEA3 ISOLATOR 1 EA ADIZEOCEA3 ISOLATOR PCB	62	DC Control	DC Control	1	EA		RFHIC	
ISO1 ISOLATOR 1 EA ADI260CEA3 PCB P	63	전해콘덴서	전해콘덴서	٦	EA	1000JF/50V(YXA)12.7×25.8	RUBYCON	
RFP-2590-36-ZZ_V3.0 PCB PCB FFP-2590-36-27_V3.0 PCB	64	ISO1	ISOLATOR	٢	EA	ADI260CEA3	ADMOTEC	
CONNECTOR SMA(F)4+L5-2.BG_EPOXY 1 EA CONNECTOR SMA(F)4+L5-2.BG_EPOXY 1 EA CONNECTOR EM1/5bin D-SUB (M) 1 EA FDC0902-102 P CONNECTOR EM1/5bin D-SUB (M) 1 EA FDC0902-102 P SCRW 2.6 x 6 (결AIPHz) 30 EA P STUD STUD 2 EA P	65	RFP-2590-36-27_V3.0	PCB	٦	EA	RFP-2590-36-27_V3.0		
CONNECTOR SMA(F)4H_L047-STRIP-63mm 1 EA FDC0902-102 C CONNECTOR EM 15pin D-SUB (M) 1 EA FDC0902-102 S SCRW 2.6 x 6 (정치미리) 30 EA S SCRW 2.3 x 6 (동크미리 와사).SUS 48 EA STUD 2 EA EA	99	CONNECTOR	SMA(F)4H_5-2_BG_EPOXY	1	EA		옐림산업	
CONNECTOR EMI15pin D-SUB (M) 1 EA FDC0902-102 SCRW 2.6 x 6 (절시머리) 30 EA 8 SCRW 2.3 x 6 (동근머리 와샤)_SUS 48 EA STUD 2 EA	67	CONNECTOR	SMA(F)4H_FL047-STRIP-63mm	-	EA		엘림산업	
SCRW 2.6×6(접시머리) 30 SCRW 2.3×6(동근머리 와샤)_SUS 48 STUD 3	68	CONNECTOR	EMI 15pin D-SUB (M)	-	EA	FDC0902-102	YIMTEX	
SCRW 2.3×6(동근머리 와샤)_SUS 48 STUD 2.3×6(동근머리 와샤)_SUS 48	69	SCRW	2.6 × 6 (접시머리)	30	EA			
STUD	70	SCRW	2.3 × 6 (동근머리 와샤)_SUS	48	EA			
	71	STUD		7	EA		_	_

72	22	74	92	9/	22
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