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Item No	Design LOC	Ç° , í	Spec
SCH-8000TEMP		SPH-8000,BLACK,Provi	
GH92-01174A	-	PBA MAIN-RF	SCH-8000,SPRINT,USA,RF PBA,-,-
0405-001035	D901 D902 D903 D904	DIODE-VARACTOR	1SV279,15V,3nA,USC,TP
0407-000115	D1	DIODE-ARRAY	DAN202U,80V,100mA,CA2-3,SC-70,
0501-000162	Q804 Q805	TR-SMALL SIGNAL	2SA1576,PNP,200mW,SC-70,TP,180
0504-000167	Q702 Q803 Q806 Q807	TR-DIGITAL	RN1102,NPN,100mW,10K-10Kohm,SS
0505-001165	U805	FET-SILICON	SI3443DV,P,-20V,+3.5mA,65mohm
1201-001076	U804	IC-AGC AMP	5505,SOP,16P,193MIL,DUAL,-,PLA
1201-001257	U703	IC-AGC AMP	CXA3221N-T4,SOP,8P,4.4MIL,SING
1201-001305	U801	IC-POWER AMP	23107,LCC,8P,-,SINGLE,-,PLASTI
1203-001256	U701 U806	IC-VOLTAGE REGULATOR	5205,SOT-23,5P,59MIL,PLASTIC,3
1205-001451	U902	IC-DATA COMM./GEN.	Q5312I-3S2,QSOP,80P,138mm,PLAS
1205-001497	U803	IC-MIXER	MD59-0012,SSOP,24P,150MIL,PLAS
1205-001524	U702	IC-MIXER	MD59-0011,QSOP,24P,150MIL,PLAS
1404-001040	U707	THERMISTOR-NTC	10Kohm,5%,3650K,-,TP
2007-000138	R725 R901 R903 R914	R-CHIP	100ohm,5%,1/16W,DA,TP,1005
2007-000139	R703 R705	R-CHIP	220ohm,5%,1/16W,DA,TP,1005
2007-000140	R810 R811	R-CHIP	1Kohm,5%,1/16W,DA,TP,1005
2007-000142	R701 R806 R812	R-CHIP	2.7Kohm,5%,1/16W,DA,TP,1005
2007-000144	R822 R823	R-CHIP	5.1Kohm,5%,1/16W,DA,TP,1005
2007-000146	R904 R905	R-CHIP	6.8Kohm,5%,1/16W,DA,TP,1005
2007-000148	R704 R729 R817 R906 R907 R908 R910	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000153	R913	R-CHIP	22Kohm,5%,1/16W,DA,TP,1005
2007-000168	R815	R-CHIP	470Kohm,5%,1/16W,DA,TP,1005

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2007-000171	R790 R816	R-CHIP	0ohm,5%,1/16W,DA,TP,1005
2007-000173	R739	R-CHIP	22ohm,5%,1/16W,DA,TP,1005
2007-000982	R735	R-CHIP	5.6Kohm,5%,1/16W,DA,TP,1005
2007-001288	R820	R-CHIP	18ohm,5%,1/16W,DA,TP,1005
2007-001295	R807 R808	R-CHIP	39ohm,5%,1/16W,DA,TP,1005
2007-001307	R802	R-CHIP	180ohm,5%,1/16W,DA,TP,1005
2007-001319	R824	R-CHIP	1.2Kohm,5%,1/16W,DA,TP,1005
2007-001320	R909	R-CHIP	1.8Kohm,5%,1/16W,DA,TP,1005
2007-001325	R728	R-CHIP	3.3Kohm,5%,1/16W,DA,TP,1005
2007-001333	R734	R-CHIP	18Kohm,5%,1/16W,DA,TP,1005
2007-003001	R804	R-CHIP	12ohm,5%,1/16W,DA,TP,1005
2007-007001	R911	R-CHIP	3.9Kohm,5%,1/16W,DA, TP,1005
2203-000189	C773 C813 C901 C935	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,
2203-000233	C733 C764 C774 C812 C845 C856 C907 C917	C-CERAMIC,CHIP	100pF,5%,50V,NPO,TP,1005,-
2203-000254	C702 C704 C705 C772 C803 C809 C810 C854 C922 C924	C-CERAMIC,CHIP	10nF,10%,16V,X7R,TP,1005,-
	C925 C928 C931 C933 C937		
2203-000278	C905	C-CERAMIC,CHIP	10pF,0.5pF,50V,NPO,TP,1005,-
2203-000311	C915 C916	C-CERAMIC,CHIP	120pF,5%,50V,NPO,TP,1005,-

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2203-000386	C712	C-CERAMIC,CHIP	15pF,5%,50V,NPO,TP,1005,-
	C720		
	C730		
	C734		
	C735		
	C745		
	C746		
	C750		
	C766		
	C775		
	C776		
	C802		
	C806		
	C807		
	C808		
	C816		
	C821		
	C858		
2203-000438	C711	C-CERAMIC,CHIP	1nF,10%,50V,X7R,TP,1005,-
	C719		
	C726		
	C727		
	C731		
	C732		
	C814		
	C833		
	C836		
	C837		
	C838		
	C839		
	C855		
	C904		
	C906		
	C923		
	C926		
	C929		
	C932		
	C934		
	C936		
2203-000466	C811	C-CERAMIC,CHIP	1pF,0.25pF,50V,NPO,TP,1005,-
2203-000550	C911	C-CERAMIC,CHIP	20pF,5%,50V,NPO,TP,1005,-
	C912		
2203-000585	C703	C-CERAMIC,CHIP	220pF,10%,50V,X7R,TP,1005,-
	C903		
2203-000654	C736	C-CERAMIC,CHIP	270pF,10%,50V,X7R,TP,1005,-
2203-000696	C942	C-CERAMIC,CHIP	2pF,0.25pF,50V,NPO,TP,1005,-
2203-000854	C707	C-CERAMIC,CHIP	39pF,5%,50V,NPO,TP,1005,-
2203-000870	C722	C-CERAMIC,CHIP	3pF,0.25pF,50V,NPO,TP,1005,-

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2203-000995	C709 C717 C718	C-CERAMIC,CHIP	47pF,5%,50V,NPO,TP,1005,-
2203-001017	C729	C-CERAMIC,CHIP	4pF,0.25pF,50V,NPO,TP,1005,-
2203-001178	C819 C914	C-CERAMIC,CHIP	6pF,0.5pF,50V,NPO,TP,1005,-
2203-001383	C942	C-CERAMIC,CHIP	0.5pF,0.25pF,50V,NPO,TP,1005,-
2203-001385	C708	C-CERAMIC,CHIP	1.5pF,0.25pF,50V,NPO,TP,1005,1
2203-001432	C721 C723 C725 C744 C828 C834 C835	C-CERAMIC,CHIP	47nF,10%,16V,Y5V,TP,1005,1.0mm
2404-000167	C919	C-TA,CHIP	2.2uF,20%,16V,-,TP,3216,-
2404-001057	C927	C-TA,CHIP	100uF,20,6,LZ,TP,7343,-
2404-001064	C701 C743 C749 C805 C842 C902 C930	C-TA,CHIP	10uF,20%,6.3V,GP,TP,2012,-
2404-001087	C706 C724 C804 C825 C843 C857	C-TA,CHIP	3.3uF,20%,6.3V,GP,TP,2012,-
2404-001092	C765	C-TA,CHIP	220nF,20%,20V,GP,TP,2012,-
2703-000109	L817 L818	INDUCTOR-SMD	100nH,10%,0.8x1.6x0.8mm
2703-000175	L811	INDUCTOR-SMD	270nH,10%,0.8x1.6x0.8mm
2703-000295	L814 L815	INDUCTOR-SMD	220nH,10%,0.8x1.6x0.8mm
2703-000300	L711 L712 L713 L816	INDUCTOR-SMD	1uH,10%,0.8x1.6x0.8mm
2703-000304	L902	INDUCTOR-SMD	27nH,10%,2.29x1.73x1.52mm
2703-001031	L708	INDUCTOR-SMD	33nH,5%,2.29x1.73x1.52mm
2703-001066	L901	INDUCTOR-SMD	22nH,5%,2.29x1.73x1.52mm
2703-001207	L701	INDUCTOR-SMD	6.8nH,5%,1.6x0.8x0.8mm
2703-001241	L709	INDUCTOR-SMD	39nH,10%,2.29x1.73x1.52mm
2703-001259	L705	INDUCTOR-SMD	47nH,0.3nH,1.6x0.8x0.8mm
2703-001308	L702	INDUCTOR-SMD	68nH,5%,1.6x0.8x0.8mm
2809-001216	U901	OSCILLATOR-VCTCXO	19.68MHz,2ppm,-,TP,3V,2mA

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2904-001020	F802 F804	FILTER-SAW	1880MHz,60MHz,-,-,-
2904-001021	F701	FILTER-SAW	1960MHz,60MHz,-,-,-
2904-001082	F803	FILTER-SAW	130.38MHz,630KHz,-,TP,5.5dB,-
3002-001062	BUZZ	BUZZER-MAGNETIC	88dB,3.6V,90mA,2.731KHz,TP
3301-001105	L704 L903	CORE-FERRITE	AB,1.6x0.8x0.8mm,-,-
3705-001163	J801	CONNECTOR-COAXIAL	SMC,JACK,100mohm,50ohm,0.5dB
3710-001390	J901	CONNECTOR-SOCKET	60P,2R,0.5mm,SMD-S,AUF
GH92-01180A	-	PBA MAIN-LOGIC	SCH-8000,SPRINT,USA,LOGIC PBA
0401-001052	D107	DIODE-SWITCHING	MCL4148,100V,200mA,LL-34,TP
0402-001207	D103	DIODE-RECTIFIER	UPS5819,40V,1.0A,SMT,TP
0406-001051	D10 D5 D6 D7 D9	DIODE-TVS	SMS05C,6V,300W,SOT-23-6
0407-000115	D8	DIODE-ARRAY	DAN202U,80V,100mA,CA2-3,SC-70,
0407-000122	D104 D4	DIODE-ARRAY	KDS226,80V,300mA,C2-3,SOT-23,T
0407-000127	D201	DIODE-ARRAY	DA204U,20V,100mA,C2-3,SC-70,TP
0501-000162	Q109	TR-SMALL SIGNAL	2SA1576,PNP,200mW,SC-70,TP,180
0501-000218	Q102 Q119	TR-SMALL SIGNAL	2SC4081,NPN,200mW,UMT,TP,180-3
0501-000457	Q2 Q6	TR-SMALL SIGNAL	MMBT2222A,NPN,225mW,SOT-23,TP,
0504-000168	Q104 Q7 Q8	TR-DIGITAL	RN1104,NPN,100mW,47K-47Kohm,SS
0504-000172	Q4	TR-DIGITAL	RN2104,PNP,100mW,47K-47Kohm,SS
0504-001016	Q201	TR-DIGITAL	DTA114EE,PNP,150mW,10k/10k,SSM
0505-001165	Q101	FET-SILICON	SI3443DV,P,-20V,+3.5mA,65mohm
0505-001185	Q100	FET-SILICON	SI6803DQ,N/P,20/-20V,+2.5/+2
0601-001094	D11 D12 D13 D14 D15 D16 D17 D18 D30	LED	CHIP,Y-GRN,0.8x1.1mm,570nm
0601-001130	D3	LED	CHIP,RED/GRN,3x2.5mm,660/570nm
0801-002192	U105	IC-CMOS LOGIC	7S04,INVERTER,SOT-25,5P,63MIL,
1001-001019	U201	IC-ANALOG MULTIPLEX	BU4051BCFV,CMOS,SOP,16P,173MIL
1103-001131	U1	IC-EEPROM	24C256,32Kx8BIT,SOP,8P,200MIL,
1107-001111	U4	IC-FLASH MEMORY	29LV800,512Kx16BIT,BGA,48P,354
1109-001081	U3	IC-ETC. MEMORY	1306,524Kx16BIT,SOP,48P,400MIL

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1202-001022	U12	IC-VOLTAGE COMP.	75W56,SSOP,8P,110MIL,DUAL,7V,C
1203-000392	U110	IC-RESET	809,SOP,3P,-,PLASTIC,-0.3/6V,4
1203-001256	U102	IC-VOLTAGE REGULATOR	5205,SOT-23,5P,59MIL,PLASTIC,3
1203-001434	U103	IC-PWM CONTROLLER	9161,SOP,16P,-,PLASTIC,1.455/1
1203-001518	U101	IC-VOLTAGE REGULATOR	5219,SOT-23,5P,63MIL,PLASTIC,3
1204-001375	U117	IC-ENCODER/DECODER	ST5092TQFPTR,QFP,44P,-,PLASTIC
1205-001517	U2	IC-DATA COMM./GEN.	MSM2300,PBGA,196P,590MIL,PLAST
2007-000070	C180	R-CHIP	0ohm,5%,1/16W,DA,TP,1608
	L102		
2007-000138	R127 R129 R130 R132 R134 R19 R20 R21 R22 R300	R-CHIP	100ohm,5%,1/16W,DA,TP,1005
	R54 R86		
2007-000140	R12 R143 R181 R211 R32 R53 R55	R-CHIP	1Kohm,5%,1/16W,DA,TP,1005
2007-000141	R73	R-CHIP	2.2Kohm,5%,1/16W,DA,TP,1005
2007-000143	R109 R173 R44 R80	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1005
2007-000146	R104 R117	R-CHIP	6.8Kohm,5%,1/16W,DA,TP,1005
2007-000148	R120 R136 R170 R205 R49 R7	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000151	R123 R52	R-CHIP	15Kohm,5%,1/16W,DA,TP,1005
2007-000152	R1 R2 R50 R64	R-CHIP	20Kohm,5%,1/16W,DA,TP,1005

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2007-000153	R106 R11 R118 R133 R135 R25	R-CHIP	22Kohm,5%,1/16W,DA,TP,1005
2007-000157	R103 R45 R46	R-CHIP	47Kohm,5%,1/16W,DA,TP,1005
2007-000159	R125	R-CHIP	56Kohm,5%,1/16W,DA,TP,1005
2007-000162	R100 R105 R108 R110 R116 R126 R128 R171 R215 R216	R-CHIP	100Kohm,5%,1/16W,DA,TP,1005
	R217 R218 R219 R220 R221 R85		
2007-000164	R112 R114	R-CHIP	150Kohm,5%,1/16W,DA,TP,1005
2007-000170	R37	R-CHIP	1Mohm,5%,1/16W,DA,TP,1005
2007-000171	R113 R142 R149 R4 R69	R-CHIP	0ohm,5%,1/16W,DA,TP,1005
2007-000173	R14 R51	R-CHIP	22ohm,5%,1/16W,DA,TP,1005
2007-000242	R141	R-CHIP	1.5Kohm,5%,1/16W,DA,TP,1005
2007-000775	R70	R-CHIP	33Kohm,5%,1/16W,DA,TP,1005
2007-000831	R119	R-CHIP	39Kohm,5%,1/16W,DA,TP,1005
2007-000932	R124	R-CHIP	470ohm,5%,1/16W,DA,TP,1005
2007-001319	R208	R-CHIP	1.2Kohm,5%,1/16W,DA,TP,1005
2007-001325	R140	R-CHIP	3.3Kohm,5%,1/16W,DA,TP,1005
2007-007001	R84	R-CHIP	3.9Kohm,5%,1/16W,DA, TP,1005
2007-007009	R58 R59	R-CHIP	75ohm,5%,1/16W,DA, TP,1005
2007-007015	R13	R-CHIP	13Kohm,5%,1/16W,DA,TP,1005
2007-007142	R102 R210	R-CHIP	10Kohm,1%,1/16W,DA,TP,1005
2007-007491	R209	R-CHIP	11.3Kohm,1%,1/16W,DA,TP,1005

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2007-007630	R101	R-CHIP	14Kohm,1%,1/16W,DA,TP,1005
2203-000138	C81	C-CERAMIC,CHIP	1.5nF,10%,50V,X7R,TP,1005,-
	C82		
	C83		
	C85		
2203-000189	C105	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,
	C108		
	C110		
	C111		
	C112		
	C134		
	C142		
	C146		
	C153		
	C159		
	C167		
	C170		
	C172		
	C174		
	C176		
	C178		
	C18		
	C184		
	C29		
2203-000233	C102	C-CERAMIC,CHIP	100pF,5%,50V,NPO,TP,1005,-
	C116		
	C129		
	C130		
	C132		
	C205		
	C206		
2203-000254	C6	C-CERAMIC,CHIP	10nF,10%,16V,X7R,TP,1005,-
	C100		
	C114		
	C131		
	C152		
	C169		
	C171		
	C175		
	C177		
	C179		
	C202	C-CERAMIC,CHIP	
	C203		
	C30		
	C4		
	C58		

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	C201 C300 C301 C302 C303 C304 C305 C306 C307		
2203-000386	C308	C-CERAMIC,CHIP	15pF,5%,50V,NPO,TP,1005,-
	C309 C310 C311 C312 C313 C314 C315 C316 C317 C318		
	C319 C320 C321 C322 C323 C324 C325 C326		
2203-000438	C113 C204 C45	C-CERAMIC,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000836	C84	C-CERAMIC,CHIP	390pF,10%,50V,X7R,TP,1005,-
	C103 C115		
2203-000940	C5	C-CERAMIC,CHIP	470pF,10%,50V,X7R,TP,1005,-
	C16 C17		
2203-001124	C56	C-CERAMIC,CHIP	680pF,10%,50V,X7R,TP,1005,-
	C10 C36 C53		
2203-001210	C9	C-CERAMIC,CHIP	8.2nF,10%,16V,X7R,TP,1005,-
2203-005144	C120 C143	C-CERAMIC,CHIP	1uF,10%,10V,X7R,TP,2012,-
2404-001017	C106	C-TA,CHIP	1uF,20%,10V,GP,TP,2012,2,0
	C101 C104		
2404-001032	C119	C-TA,CHIP	33uF,20%,6.3V,GP,TP,3528,-

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2404-001064	C107 C109 C141	C-TA,CHIP	10uF,20%,6.3V,GP,TP,2012,-
2703-001563	L101	INDUCTOR-SMD	10uH,20%,4.45x6.6x2.92mm
2802-001090	X1	RESONATOR-CERAMIC	27MHz,0.5%,TP,3.2x2.1x1.5
3409-001039	S1	SWITCH-REED	100VDC,0.5A,1mS,1mS
3708-001295	J201	CONNECTOR-FPC/FC/PIC	22P,0.5mm,SMD-A,SN
3710-001429	J701	CONNECTOR-SOCKET	18P,1R,0.5mm,SMD-A,AUF
3711-004027	J7	CONNECTOR-HEADER	NOWALL,60P,2R,0.5mm,SMD-S,AUF
3722-001172	J102	JACK-AC POWER	2P,2.6PI,AU,BLK,NO
GH73-40708A	MIC	RMO-HOLDER MIC	SPH7000,SI RUBBER,PI8.0,T5.0,B
GH96-01156A	MIC	ELA ETC-MIC	SPH-7000,SAMSUNG,KORA,MICROPHO
GH96-01157A	VOL_KEY	ELA ETC-VOL.KEY	SPH-7000,SAMSUNG,KOR,VOL.KEY A
GH96-01152A	LCD	LCD ASS'Y	SPH-7000,LCD ASS'Y,KORA
	U704	VCO/PLL MODULE	IC-MODULE,VCO/PLL MODULE
	F702	SAW FILTER(210.38MHz)	210.38MHz
	F801	DUPLEXER	1960MHz,1880MHz
	PCB	RF PCB	SCH-8000,RF PCB,SAMSUNG,KORA
	PCB	LOGIC PCB	SCH-8000,LOGIC PCB,SAMSUNG,KORA

8.List Of Active Device

ITEM	PART NO	PART NAME	VENDER
POWER AMPLIFIER	U801	RI23107U	ROCKWELL
TX UPCONVERTRE/DRIVE AMP	U803	MD59-0012	M/A COM
TX IF AGC AMP	U804	Q5505	QUALCOMM
POWER FET SWITCH	U805,Q101	SI3443	TEMIC
DC REGULATOR	U806,U701,U101	MIC5205-3.3BM5	MICREL
RX IF AGC AMP	U703	CXA3221N	SONY
RX DOWNCONVERTER/ LNA	U702	MD59-0011	M/A COM
BASEBAND ANALOG CHIP SET	U902	Q5312I-3S2	QUALCOMM
VCTCXO	U901	TOS1968VAI4KRA VC-TCXO-205CP KT14-DCV30L- 19.68M-T	SAMSUNG ELECTRO -MECHANICS KINSEKI KYOCERA
VCO/PLL module	U704	KXN1450A PO1241NA	MOTOROLA SAMSUNG ELECTRO -MECHANICS
MOBILE STATION MODEM	U2	MSM2300	QUALCOMM
DC/DC CONVERTER	U103	SI9161	TEMIC
POWER FET S/W	Q100	SI6803	TEMIC
DC REGULATOR	U101	MIC5219-3.3BM5	MICREL
RESET IC	U110	MAX809S	MAXIM
EEPROM	U1	24C256	ATMEL
CODEC	U117	ST5092	SGS-THOMSON
COMBINATION MEMORY	U3	LRS1306	SHARP
8M FLASH ROM	U4	MBM29LV800TA	FUSITSU
ANALOG MULTIFLEX	U201	BU4051FV	ROHM
VOLTAGE COMPARATOR	U12	TA75W56FU	TOSHIBA