DTMF MIC SECTION

Item	Description	MANUF REF	VALUE	MANUF	PACKAGE	Qty	Reference
1	1COND SH 6COND CURL CORD	KSK-23235	CURL CORD	KOREA SANYO		1	J701
2	4.9152MHz CRYSTAL	4.9152MHZ(49/SMD)	4.9152MHZ	K-WELL	49/SMD	1	X701
3	CHIP CERAMIC CAPCITOR	GRM39 X7R 103K 50V	0.01U	MURATA	1608	3	C701 C704 C709
4	CHIP CERAMIC CAPCITOR	GRM39 X7R 473K 50V	0.047U	MURATA	1608	1	C708
5	CHIP CERAMIC CAPCITOR	GRM39 Y5V 104Z 50V	0.1U	MURATA	1608	8	C705 C710-713 C716-718
6	CHIP CERAMIC CAPCITOR	GRM39 X7R 152K 50V	1500P	MURATA	1608	1	C721
7	CHIP CERAMIC CAPCITOR	GRM39 COG 200J 50V	20P	MURATA	1608	2	C714-715
8	CHIP CERAMIC CAPCITOR	GRM39 COG 221J 50V	220P	MURATA	1608	1	C706
9	CHIP CERAMIC CAPCITOR	GRM39 X7R 471K 50V	470P	MURATA	1608	1	C707
10	CHIP CERAMIC CAPCITOR	GRM39 X7R 561K 50V	560P	MURATA	1608	1	C719
11	CHIP CERAMIC CAPCITOR	GRM39 COG 820J 50V	82P	MURATA	1608	1	C720
12	CHIP RESISTOR	103 5% 1/16W J	10K	R. OHM KOREA	1608	6	R713 R723 R725 R727 R729 R731
13	CHIP RESISTOR	124 5% 1/16W J	120K	R. OHM KOREA	1608	3	R743-745
14	CHIP RESISTOR	102 5% 1/16W J	1K	R. OHM KOREA	1608	3	R701-702 R714
15	CHIP RESISTOR	105 5% 1/16W J	1M	R. OHM KOREA	1608	1	R716
16	CHIP RESISTOR	222 5% 1/16W J	2.2K	R. OHM KOREA	1608	1	R715
17	CHIP RESISTOR	203 5% 1/16W J	20K	R. OHM KOREA	1608	6	R722 R724 R726 R728 R730 R732
18	CHIP RESISTOR	223 5% 1/16W J	22K	R. OHM KOREA	1608	1	R739
19	CHIP RESISTOR	273 5% 1/16W J	27K	R. OHM KOREA	1608	1	R741
20	CHIP RESISTOR	334 5% 1/16W J	330K	R. OHM KOREA	1608	1	R742
21	CHIP RESISTOR	333 5% 1/16W J	33K	R. OHM KOREA	1608	1	R740
22	CHIP RESISTOR	472 5% 1/16W J	4.7K	R. OHM KOREA	1608	1	R704
23	CHIP RESISTOR	471 5% 1/16W J	470R	R. OHM KOREA	1608	7	R705-710 R747
24	CHIP RESISTOR	473 5% 1/16W J	47K	R. OHM KOREA	1608	6	R733-738
25	CHIP RESISTOR	822 5% 1/16W J	8.2K	R. OHM KOREA	1608	1	R703
26	CHIP TANTAL 10UF 10V SMT-B	293D106X10VA2T	10U/10V	DAEWOO	SMT-B	1	C702
27	CHIP TANTAL 10UF 6.3V SMT-A	293D106X06R3A2T	10U/6V3	DAEWOO	SMT-A	1	C703
28	I.C DUAL OP-AMP	KIA358	KIA358	KEC	SO-8	1	IC703
29	IC. CPU	uPD789025GB	uPD789025GB	NEC	QFP44	1	IC701
30	INDUCTOR SMD LEM2520T 1UH	LEM2520T-1R0J	1UH	TAIYOYUDEN	2520T	2	L701-702
31	KUC4023-010010	CMP-6646	C-MIC	BSE		1	MIC1
32	PUSH SWITCH	SKPS-22004	SW	SEKWANG		1	SW717
33	SMD LED LAMP	GRNL	BL-HX135A-7R	LED(G)	OSTECH	6	D701-706
34	TRANSISTOR	KRA105	KRA105	KEC	SOT-23	1	Q701
35	TRANSISTOR	KRA226	KRA226	KEC	SOT-23	1	Q702
36	TRANSISTOR	KTC3875	KTC3875	KEC	SOT-23	1	Q703
37	VOLTAGE REGULATOR 5V	KIA78S05P	KIA78S05P	KEC	SOT-89	1	IC702

FRONT SECTION

Item	Description	MANUF REF	VALUE	MANUF	PACKAGE	Qty	Reference
1	CHIP CERAMIC CAPCITOR	GRM39 X7R 103K 50V	0.01U	MURATA	1608	3	C802 C804-805
2	CHIP RESISTOR	0R0 5% 1/16W J	0R	R. OHM KOREA	1608	2	R819 R827
3	CHIP RESISTOR	101 5% 1/16W J	100R	R. OHM KOREA	1608	11	R803-810 R822-823 R826
4	CHIP RESISTOR	103 5% 1/16W J	10K	R. OHM KOREA	1608	2	R801 R824
5	CHIP RESISTOR	124 5% 1/16W J	120K	R. OHM KOREA	1608	1	R821
6	CHIP RESISTOR	102 5% 1/16W J	1K	R. OHM KOREA	1608	2	R802 R825
7	CHIP RESISTOR	473 5% 1/16W J	47K	R. OHM KOREA	1608	8	R811-818
8	CHIP TANTAL 10UF 10V SMT-B	293D106X10VA2T	10U/10V	DAEWOO	SMT-B	1	C801
9	CHIP TANTAL 10UF 6.3V SMT-A	293D106X06R3A2T	10U/6V3	DAEWOO	SMT-A	1	C803
10	DUAL VOLUME 20K	TP76D00N(RY-7150)	20K	TOKOS		1	VR801
11	I.C LCD DRIVER	NJU6433	NJU6433	JRC	QFP64	1	IC801
12	ML32XX LCD	ML32XX LCD	LCD	WOOHO		1	LCD1
13	MODUAL TELEPHONE JACT	0623-8P8C-F	MODUAL JACK	DONG-HAN ELEC.		1	J804
14	PCB TO PCB CONNECTOR	TDH-30SG	TDH-30SG			1	J803
15	SMD LED LAMP	GRNL	BL-HX135A-7R	LED(G)	OSTECH	10	D801-810
16	SPEAKER	PB064-A2826	4OHM	STAR SOUND	2.X*1.X INCH	1	SPK
17	TACT SWITCH	DHT 1157AHED-3	SW	DAEHUNG		8	SW801-808
18	TRANSISTOR	KRA226	KRA226	KEC	SOT-23	2	Q801 Q803
19	TRANSISTOR	KTC3875	KTC3875	KEC	SOT-23	2	Q802 Q804
20	VOLTAGE REGULATOR 5V	KIA78S05P	KIA78S05P	KEC	SOT-89	1	IC802

ML3215 PARTS LIST 11.NOV.2002

Item	Part Type	Value	Description	QTY	Reference	Vendor
1	CHIP CERAMIC CAPACITOR	0.01U	GRM39 X7R 103K 50V	28	C11,C112,C113,C114,C115,C116,C128,C138,C140,C142,C144,C15, C154,C157,C21,C408,C41,C411,C416,C420,C43,C47,C48,C50,C61,C72,C73,C132	MURATA
2	CHIP CERAMIC CAPACITOR	0.022U	GRM39 X7R 223K 50V	6	C445,C446,C447,C448,C449,C454	MURATA
3	CHIP CERAMIC CAPACITOR	0.027U	GRM39 X7R 273K 50V	1	C404	MURATA
4	CHIP CERAMIC CAPACITOR	0.033U	GRM39 X7R 333K 50V	4	C12,C406,C123,C124	MURATA
5	CHIP CERAMIC CAPACITOR	0.047U	GRM39 X7R 473K 50V	9	C401,C409,C426,C444,C450,C451,C455,C487,C489	MURATA
6	CHIP CERAMIC CAPACITOR	0.056U	GRM39 X7R 563K 50V	2	C402,C418	MURATA
7	CHIP CERAMIC CAPACITOR	0.1U	GRM39 Y5V 104Z 50V	21	C118,C120,C125,C126,C129,C130,C145,C151,C152,C302,C313,C405,C414,C436, C437,C442,C452,C453,C59,C6,C434	MURATA
8	CHIP CERAMIC CAPACITOR	0.1U(K)	GRM39 X7R 104K 50V	19	C134,C54,C55,C56,C57,C66,C468,C122,C407,C427,C430,C431,C440,C458, C133, C496,C64,C475,C464	MURATA
9	CHIP CERAMIC CAPACITOR	0.22U(K)	GRM39 X7R 224K 50V	2	C461,C462	MURATA
10	CHIP CERAMIC CAPACITOR	1.2P	GRM39 COG 1R2C 50V	3	C305,C306,C307	MURATA
11	CHIP CERAMIC CAPACITOR	1000P	GRM39 X7R 102K 50V	5	C463,C467,C77,C423,C555	MURATA
12	CHIP CERAMIC CAPACITOR	100P	GRM39 COG 101J 50V	4	C19,C65,C498,C29	MURATA
13	CHIP CERAMIC CAPACITOR	10P	GRM39 COG 100C 50V	4	C10,C38,C68,C69	MURATA
14	CHIP CERAMIC CAPACITOR	12P	GRM39 COG 120J 50V	2	C5,C314	MURATA
15	CHIP CERAMIC CAPACITOR	1500P	GRM39 X7R 152K 50V	1	C478	MURATA
16	CHIP CERAMIC CAPACITOR	15P	GRM39 COG 150J 50V	2	C309,C316	MURATA
17	CHIP CERAMIC CAPACITOR	16P	GRM39 COG 160J 50V	1	C16	MURATA
18	CHIP CERAMIC CAPACITOR	1U	GRM39 Y5V 105Z 50V	9	C119,C301,C481,C485,C490,C494,C495,C25,C526	MURATA
19	CHIP CERAMIC CAPACITOR	20P	GRM39 COG 200J 50V	8	C18,C438,C439,C53,C7,C8,C81,C82	MURATA
20	CHIP CERAMIC CAPACITOR	2200P	GRM39 X7R 222K 50V	4	C163,C422,C456,C460	MURATA
21	CHIP CERAMIC CAPACITOR	220P	GRM39 COG 221J 50V	6	C131,C137,C466,C156,C26,C525	MURATA
22	CHIP CERAMIC CAPACITOR	22P	GRM39 COG 220J 50V	3	C109,C110,C304	MURATA
23	CHIP CERAMIC CAPACITOR	24P	GRM39 COG 240J 50V	3	C17,C2,C20	MURATA
24	CHIP CERAMIC CAPACITOR	27P	GRM39 COG 270J 50V	4	C3,C76,C310,C317	MURATA
25	CHIP CERAMIC CAPACITOR	680P	GRM39 COG 681J 50V	1	C535	MURATA
26	CHIP CERAMIC CAPACITOR	3300P	GRM39 X7R 332K 50V	1	C459	MURATA
27	CHIP CERAMIC CAPACITOR	33P	GRM39 COG 330J 50V	2	C44,C51	MURATA
28	CHIP CERAMIC CAPACITOR	39P	GRM39 COG 390J 50V	1	C14	MURATA
29	CHIP CERAMIC CAPACITOR	4.7U	GRM40 Y5V 475Z 50V	10	C117,C146,C319,C413,C486,C488,C49,C58,C85,C500	MURATA
31	CHIP CERAMIC CAPACITOR	4700P	GRM39 X7R 472K 50V	4	C403,C457,C412,C441	MURATA
32	CHIP CERAMIC CAPACITOR	470P	GRM39 X7R 471K 50V	17	C147,C148,C149,C158,C159,C160,C161,C162,C303,C318,C332,C429, C74, C78,C83,C84,C419	MURATA
33	CHIP CERAMIC CAPACITOR	47P	GRM39 COG 470J 50V	6	C13,C164,C40,C433,C492,C52	MURATA
34	CHIP CERAMIC CAPACITOR	4P	GRM39 COG 040C 50V	1	C333	MURATA
35	CHIP CERAMIC CAPACITOR	560P	GRM39 X7R 561K 50V	4	C165,C410,C417,C480	MURATA
36	CHIP CERAMIC CAPACITOR	56P	GRM39 COG 560C 50V	2	C71,C79	MURATA
37	CHIP CERAMIC CAPACITOR	5P	GRM39 COG 050C 50V	1	C312	MURATA
38	CHIP CERAMIC CAPACITOR	6P	GRM39 COG 060C 50V	4	C315,C42,C70,C308	MURATA
39	CHIP CERAMIC CAPACITOR	7P	GRM39 COG 070C 50V	1	C127	MURATA
40	CHIP CERAMIC CAPACITOR	82P	GRM39 COG 820J 50V	2	C479,C497	MURATA
41	CHIP CERAMIC CAPACITOR	8P	GRM39 COG 080C 50V	3	C334,C46,C9	MURATA
42	CHIP CERAMIC CAPACITOR	1000P	GRM42-6 X7R 102K 500V	2	C107,C90	MURATA
43	CHIP CERAMIC CAPACITOR	10P	GRM42-6 COG 100C 500V	1	C105	MURATA
44	CHIP CERAMIC CAPACITOR	12P	GRM42-6 COG 120J 500V	1	C103	MURATA
45	CHIP CERAMIC CAPACITOR	18P	GRM42-6 COG 180J 500V	1	C24	MURATA

46	CHIP CERAMIC CAPACITOR	20P	GRM42-6 COG 200J 500V	1	C94	MURATA
47	CHIP CERAMIC CAPACITOR	220P	GRM42-6 COG 221J 500V	1	C99	MURATA
48	CHIP CERAMIC CAPACITOR	27P	GRM42-6 COG 270J 500V	2	C96,C27	MURATA
49	CHIP CERAMIC CAPACITOR	30P	GRM42-6 COG 300J 500V	2	C87,C23	MURATA
50	CHIP CERAMIC CAPACITOR	33P	GRM42-6 COG 330J 500V	1	C86	MURATA
51	CHIP CERAMIC CAPACITOR	39P	GRM42-6 COG 390J 500V	2	C92,C22	MURATA
52	CHIP CERAMIC CAPACITOR	5P	GRM42-6 COG 050C 500V	2	C102,C100	MURATA
54	CHIP CERAMIC CAPACITOR	47P	GRM42-6 COG 470J 500V	1	C95	MURATA
55	CHIP CERAMIC CAPACITOR	56P	GRM42-6 COG 560J 500V	2	C89,C93	MURATA
56	CHIP CERAMIC CAPACITOR	62P	GRM42-6 COG 620J 500V	1	C88	MURATA
57	CHIP CERAMIC CAPACITOR	68P	GRM42-6 COG 680J 500V	1	C91	MURATA
	CHIP CERAMIC CAPACITOR	16P	GRM42-6 COG 160J 500V	1	C4	MURATA
	CHIP CERAMIC CAPACITOR	470P	GRM42-6 COG 471J 500V	1	C1	MURATA
	CHIP CERAMIC CAPACITOR	8P	GRM42-6 COG 080C 500V	1	C104	MURATA
	CHIP CERAMIC CAPACITOR	1P	GRM42-6 COG 010C 500V	1	C28	MURATA
58	CHIP CERAMIC CAPACITOR	6P	GRM42-6 COG 060C 500V	1	C101	MURATA
59	CERAMIC TRIMMER CAPACITOR	6PF	CTC03 A 06	2	TC302,TC303	SAMWOO ELEC
60	CHIP TANTAL 10UF 6.3V SMT-A	10U/6V3	293D106X06R3A2T	2	C415,C476	DAEWOO
61	CHIP TANTAL 1UF 10V SMT-A	1UF/10V	293D105/10VX04A2T	2	C67,C435	DAEWOO
62	CHIP TANTAL 1UF 16V SMT-A	1UF/16V	293D105/16VX04A2T	1	C121	DAEWOO
63	CHIP TANTAL 2.2UF 10V SMT-A	2.2U/10V	293D 225X10R3A2T	2	C484,C493	DAEWOO
64	CHIP TANTAL 22UF 10V SMT-B	22UF/10V	293D226/10VX04A2T	3	C143,C470,C471	DAEWOO
65	CHIP RESISTOR	0R	0R0 5% 1/16W J	26	R403,R101,R404,R405,R425,R440,R446,R448,R495,R506,R508,R529,R545,R56, R76,R485,R570,R582,R443,R565,R507,R401,R107,C477,R46,R563	R. OHM KOREA
66	CHIP RESISTOR	0R1	0R1 1% 1W J	4	R127,R97,R98,R99	R. OHM KOREA
67	CHIP RESISTOR	1.8K	182 5% 1/16W J	2	R406,R502	R. OHM KOREA
68	CHIP RESISTOR	100K	104 5% 1/16W J	14	R3,R301,R317,R430,R434,R450,R460,R505,R509,R512,R514,R547,R558,R7	R. OHM KOREA
69	CHIP RESISTOR	100R	101 5% 1/16W J	9	R18,R24,R311,R315,R5,R60,R62,R93,R58	R. OHM KOREA
70	CHIP RESISTOR	10K	103 5% 1/16W J	28	R13,R303,R306,R307,R310,R312,R316,R32,R39,R41,R427,R43,R44,R463, R83,R437,R50,R51,R84,R85,R302,R443,R519,R560,R464,R465,R466,R473	R. OHM KOREA
71	CHIP RESISTOR	10R	100 5% 1/16W J	4	R426,R75,R80,R81	R. OHM KOREA
72	CHIP RESISTOR	120K	124 5% 1/16W J	1	R35	R. OHM KOREA
75	CHIP RESISTOR	12K	123 5% 1/16W J	1	R114	R. OHM KOREA
76	CHIP RESISTOR	150K	154 5% 1/16W J	3	R21,R513,R77	R. OHM KOREA
77	CHIP RESISTOR	15K	153 5% 1/16W J	8	R11,R12,R124,R125,R126,R15,R428,R89	R. OHM KOREA
78	CHIP RESISTOR	180R	181 5% 1/16W J	4	R305,R308,R47,R49	R. OHM KOREA
79	CHIP RESISTOR	18K	183 5% 1/16W J	1	R304	R. OHM KOREA
80	CHIP RESISTOR	1K	102 5% 1/16W J	10	R116,R38,R501,R530,R61,R86,R87,R90,R92,R57	R. OHM KOREA
81	CHIP RESISTOR	1M	105 5% 1/16W J	2	R115,R488	R. OHM KOREA
82	CHIP RESISTOR	2.2K	222 5% 1/16W J	8	R113,R410,R412,R422,R444,R73,R109,R66	R. OHM KOREA
83	CHIP RESISTOR	2.2M	225 5% 1/16W J	1	R548	R. OHM KOREA
84	CHIP RESISTOR	2.4K	242 5% 1/16W J	2	R424,R94	R. OHM KOREA
	CHIP RESISTOR	1.2K	122 5% 1/16WJ	1	R54	R. OHM KOREA
85	CHIP RESISTOR	2.7K	272 5% 1/16W J	4	R313,R407,R52,R71	R. OHM KOREA
	CHIP RESISTOR	470R	471 5% 1/16WJ	1	R79	R. OHM KOREA
	CHIP RESISTOR	560R	561 5% 1/16WJ	1	R567	R. OHM KOREA
86	CHIP RESISTOR	200K	204 5% 1/16W J	3	R431,R527,R559	R. OHM KOREA
87	CHIP RESISTOR	20K	203 5% 1/16W J	2	R492,R511	R. OHM KOREA
88	CHIP RESISTOR	220K	224 5% 1/16W J	11	R435,R453,R462,R468,R469,R470,R504,R520,R551,R472,R561	R. OHM KOREA
90	CHIP RESISTOR	220R	221 5% 1/16W J	5	R17,R20,R23,R74,R91	R. OHM KOREA

92	CHIP RESISTOR	22K	223 5% 1/16W J	10	R25,R40,R415,R42,R45,R454,R455,R550,R538,R586	R. OHM KOREA
93	CHIP RESISTOR	270K	274 5% 1/16W J	1	R28	R. OHM KOREA
94	CHIP RESISTOR	270K(1%)	274 1% 1/16W J	2	R100,R102	R. OHM KOREA
95	CHIP RESISTOR	27K	273 5% 1/16W J	7	R420,R441,R518,R68,R70,R78,R579	R. OHM KOREA
96	CHIP RESISTOR	3.3K	332 5% 1/16W J	4	R22,R9,R95,R96	R. OHM KOREA
97	CHIP RESISTOR	3.9K	392 5% 1/16W J	4	R421,R442,R423,R445	R. OHM KOREA
99	CHIP RESISTOR	330K	334 5% 1/16W J	5	R250,R414,R416,R449,R528	R. OHM KOREA
100	CHIP RESISTOR	33K	333 5% 1/16W J	5	R491,R510,R516,R517,R82	R. OHM KOREA
101	CHIP RESISTOR	39R	390 5% 1/16W J	1	R48	R. OHM KOREA
102	CHIP RESISTOR	36K	363 5% 1/16W J	1	R458	R. OHM KOREA
103	CHIP RESISTOR	39K	393 5% 1/16W J	4	R27,R436,R471,R515	R. OHM KOREA
104	CHIP RESISTOR	4.7K	472 5% 1/16W J	6	R14,R19,R413,R499,R72,R117	R. OHM KOREA
105	CHIP RESISTOR	4.7M	475 5% 1/16W J	2	R451,R521	R. OHM KOREA
106	CHIP RESISTOR	470K	474 5% 1/16W J	5	R123,R408,R490,R585,R111	R. OHM KOREA
107	CHIP RESISTOR	47K	473 5% 1/16W J	36	R26,R34,R432,R467,R474,R475,R476,R477,R478,R479,R480, R481,R482,R483,R484,R489,R493,R524,R525,R542,R543,R544, R553,R556,R557,R580,R486,R539,R540,R577,R581,R59,R583,R584,R578,R592	R. OHM KOREA
108	CHIP RESISTOR	47R	470 5% 1/16W J	6	R309,R65,R10,R8,R53,R535	R. OHM KOREA
110	CHIP RESISTOR	510K	514 5% 1/16W J	1	R500	R. OHM KOREA
113	CHIP RESISTOR	51K	513 5% 1/16W J	1	R429	R. OHM KOREA
114	CHIP RESISTOR	390K	394 5% 1/16W J	1	R411	R. OHM KOREA
116	CHIP RESISTOR	56K	563 5% 1/16W J	2	R4,R459	R. OHM KOREA
118	CHIP RESISTOR	6.8K	682 5% 1/16W J	3	R67,R69,R536	R. OHM KOREA
119	CHIP RESISTOR	62K	623 5% 1/16W J	1	R498	R. OHM KOREA
120	CHIP RESISTOR	680K	684 5% 1/16W J	2	R29,R523	R. OHM KOREA
121	CHIP RESISTOR	68K(1%)	683 1% 1/16W J	2	R103,R104	R. OHM KOREA
122	CHIP RESISTOR	68R	680 5% 1/16W J	1	R16	R. OHM KOREA
123	CHIP RESISTOR	8.2K	822 5% 1/16W J	3	R418,R439,R497	R. OHM KOREA
124	CHIP RESISTOR	2.2R	2R2 5% 1/16W J	1	R537	R. OHM KOREA
125	CHIP RESISTOR	390R	391 5% 1/16W J	1	R496	R. OHM KOREA
126	CHIP RESISTOR TRIMMER	22K	RH03E1C J4X	1	RV401	LG ELECTRONICS
	CHIP RESISTOR TRIMMER	1K	RH03E1C	1	RV2	LG ELECTRONICS
127	CHIP RESISTOR TRIMMER	4.7K	RH03E1C 03X	1	RV1	LG ELECTRONICS
128	CHIP INDUCTOR 1608 22NH	22NH	HK1608-22NK-T	1	L7	TAIYOYUDEN
129	CHIP INDUCTOR 1608 27NH	27NH	HK1608-27NK-T	2	L12,L20	TAIYOYUDEN
131	CHIP INDUCTOR 1608 47NH	47NH	HK1608-47NK-T	1	L15	TAIYOYUDEN
132	CHIP INDUCTOR 1608 6.8NH	6.8nH	HK1608-6N8K-T	1	C75	TAIYOYUDEN
133	CHIP INDUCTOR 1608 100NH	100NH	HK1608-R10K-T	3	L311,L4,L21	TAIYOYUDEN
134	CHIP INDUCTOR 1608 1UH	1uH	LK1608-1R0K-T	2	L307,L308	TAIYOYUDEN
135	CHIP INDUCTOR 1608 220NH	220NH	LK1608-R22K-T	3	L16,L19,L18	TAIYOYUDEN
136	CHIP INDUCTOR 1608 2.2UH	2.2uH	LK1608-2R2K-T	2	L301,L303	TAIYOYUDEN
138	CHIP INDUCTOR 1608 820NH	820NH	LK1608-R82K-T	1	L13	TAIYOYUDEN
139	INDUCTOR SMD LEM2520T 1UH	1UH	LEM2520T-1R0J	1	L14	TAIYOYUDEN
140	INDUCTOR SMD LEM2520T 47NH	47NH	LEM2520T-47NJ	2	L3,L6	TAIYOYUDEN
141	INDUCTOR SMD LEM2520T 56NH	56NH	LEM2520T-56NJ	2	L2,L5	TAIYOYUDEN
142	COIL IND 0.5-2.5-10.5TL SMD	0.5X2.5X10.5	502510.5TL	1	L24	DAELIM
143	COIL IND 0.35-1.6-7TL SMD	0.35X1.6X7	35167TL	1	L304	DAELIM
144	COIL IND 0.8-5.0-8TL SMD	0.8X5.0X8	80508TL	1	L23	DAELIM
145	COIL IND 0.35-1.6-6TL SMD	0.35X1.6X6	35166TL	1	L302	DAELIM
146	COIL IND 1.2-4.0-5.5TL SMD	1.2X4.0X5.5TL	124055TL	1	L1	DAELIM

147	COIL IND 0.5-1.4-3TL SMD	0.5X1.4X3TL	05143TL	1	L8	DAELIM
148	COIL IND 1.2-4.0-4.5TL SMD	1.2X4.0X4.5TL	124045TL	2	L26,L27	DAELIM
	COIL IND 0.4-2.4-6TL SMD	0.4X2.4X6TL	40246TL	1	L22	DAELIM
	COIL IND 1.3-3.5-1.5TL SMD	1.3X3.5X1.5TL	133515TL	1	L25	DAELIM
149	COIL IND 1.2-4.0-1TL SMD	1.2X4.0X1TL	12401TL	1	L9	DAELIM
150	DIODE DUAL SWITCHING KDS181	KDS181	KDS181S A3	3	D16,D18,D19	KEC
	DUAL DIODE MMBD352	MMBD352	MMBD352	1	D8	MOTOROLA
	SWITCH DIODE	XB15A402	XB15A402	1	D1	
151	DUAL DIODE KDS226	KDS226	KDS226	6	D17,D20,D21,D22,D401,D5	KEC
152	SWITCH DIODE	KDS114	KDS114	2	D14,D15	KEC
154	SWITCH DIODE	UM9401	UM9401	1	D2	PANASONIC
157	VARICAP DIODE	1SV217	1SV217	5	D302,D303,D304,D4,D7	THOSIBA
158	RF POWER FET 2SK3074	2SK3074	2SK3074	1	Q22	THOSIBA
159	RF POWER FET 2SK3075	2SK3075	2SK3075	1	Q23	THOSIBA
160	RF TRANSISTOR	MS1490	MS1490	1	Q24	MICROSEMI
161	TRANSISTOR	MMBR951	MMBR951	1	Q21	MOTOROLA
162	TRANSISTOR	2SC4901	2SC4901	5	Q1,Q302,Q303,Q304,Q6	HITACHI
163	TRANSISTOR	KRA104	KRA104	3	Q404,Q413,Q16	KEC
	TRANSISTOR	KRA226	KRA226	1	Q30	KEC
164	TRANSISTOR	KRA105	KRA105	6	Q29,Q3,Q308,Q309,Q402,Q409	KEC
165	TRANSISTOR	KRA1367	KRA1367	1	Q27	KEC
167	TRANSISTOR	KRC104	KRC104	17	Q10,Q2,Q26,Q301,Q305,Q401,Q406,Q407,Q408,Q410,Q412,Q8,Q32,Q414,Q4, Q5,Q31	KEC
169	TRANSISTOR	KTA1504	KTA1504	2	Q403,Q405	KEC
170	TRANSISTOR	KTA2014	KTA2014	3	Q15,Q18,Q19	KEC
171	TRANSISTOR	KTC3875	KTC3875	1	Q28	KEC
172	TRANSISTOR	KTC3880S	KTC3880S	1	Q7	KEC
173	TRANSISTOR	KTC4075	KTC4075	6	Q11,Q12,Q13,Q14,Q17,Q20	KEC
174	TRANSISTOR	STB1188	STB1188	1	Q411	KEC
175	.C 1.1GHz FREQUENCY SYNTHESIZER	LMX1511	LMX1511TM	1	IC1	NATIONAL
176	I.C COMPANDOR	SL5015	SL5015	1	IC409	AUK
178	I.C CPU	TMP87CS68DF	TMP87CS68DF	1	IC401	HITACHI
179	I.C DUAL OP-AMP	KIA358	KIA358	5	IC3,IC405,IC407,IC6,IC7	KEC
180	I.C QUAD OP AMP	KIA324	KIA324	3	IC403,IC404,IC406	KEC
181	I.C EEPROM	24LC08	24LC08	1	IC402	MICRO CHIP
182	LOW POWER NARROW BAND FM IF	DBL5018	DBL5018	1	IC2	DAEWOO
183	UM-4 10PPM CL=32 RS=50 3rd	44.645MHZ(UM-4)	44.645NHZ	1	XT1	K-WELL
184	VOLTAGE REGULATOR 5V	KIA78S05P	KIA78S05P	1	IC5	KEC
185	VOLTAGE REGULATOR 8V	KIA7808AP	KIA7808AP	1	IC4	KEC
186	AUDIO AMPLIFIER	TDA2003	TDA2003	1	IC408	SGS TOMSON
187	CONNECTOR	POWER CABLE	POWER CABLE	1	CON2	
191	CONNECTOR	CON 30PIN	F254-M-30DRG	1	J403	
192	TCXO MODULE	12.8MHZ VCXO	VX-F4-3.0FX(12.8MHz)	1	VCXO	SHINSUNG
193	FILTER CRYSTAL +/-7.5KHZ	45.1MHz(UM-4)	45M15BU	1	XF1,XF2	K-WELL
194	3.579545MHz CRYSTAL	3.579545MHZ	HC-49/S	1	XT401	K-WELL
195	455KHZ CERAMIC FILTER	M55FW	M55FW	1	CF1	CQ
196	455KHZ CERAMIC FILTER	M55HT	M55HT	1	CF2	CQ
197	COAXIAL CONNECTOR	ANT	SMA BJ(F)	1	ANT	
198	COIL IFT 455HZ DET	455KHz QUAD		1	T1	TAIYOYUDEN
199	STEREO JACK 3.5mm	EXT SP	ST-3604 3.5mm	1	J404	SIMON

200	UPRIGHT INDUCTOR WITH CORE	CHOKE		1	T2	
201	DIODE	1N4003	1N4003	1	D23	
202	AXIAL RESISTOR	100R	100R 1/2W+Bead core	1	R30	
203	AXIAL RESISTOR	220R	220R 1/2W	1	R63	
204	AXIAL RESISTOR	120R	120R 1/8W	1	R1	
205	AXIAL RESISTOR	330R	330R 1/8W	2	R110,R112	
206	ELECT CAPICITOR 1000UF 25V	1000UF/25V	SHL 1000UF/25V	1	C474	SAMYOUNG ELEC.
207	ELECT CAPICITOR 220UF/35V	220UF/35V	SHL 220UF/35V	2	C139,C141	SAMYOUNG ELEC.
208	ELECT CAPICITOR 10UF/50V	10UF/50V	SHL 10UF/50V	1	C499	SAMYOUNG ELEC.
209	ELECT CAPICITOR 470UF 25V	470UF/25V	SHL 470UF/25V	1	C135,C136,C472,C98	SAMYOUNG ELEC.

MIC SECTION

Item	Description	MANUF REF	VALUE	MANUF	PACKAGE	Qty	Reference
1	1COND SH 6COND CURL CORD	KSK-23235	CURL CORD	KOREA SANYO		1	J701
2	CHIP CERAMIC CAPCITOR	GRM39 X7R 103K 50V	0.01U	MURATA	1608	2	C701 C709
3	CHIP CERAMIC CAPCITOR	GRM39 X7R 473K 50V	0.047U	MURATA	1608	1	C708
4	CHIP CERAMIC CAPCITOR	GRM39 Y5V 104Z 50V	0.1U	MURATA	1608	1	C710
5	CHIP CERAMIC CAPCITOR	GRM39 COG 221J 50V	220P	MURATA	1608	1	C706
6	CHIP CERAMIC CAPCITOR	GRM39 X7R 471K 50V	470P	MURATA	1608	1	C707
7	CHIP RESISTOR	0R0 5% 1/16W J	0R	R. OHM KOREA	1608	1	R748
8	CHIP RESISTOR	153 5% 1/16W J	15K	R. OHM KOREA	1608	1	R703
9	CHIP RESISTOR	102 5% 1/16W J	1K	R. OHM KOREA	1608	2	R701-702
10	CHIP RESISTOR	472 5% 1/16W J	4.7K	R. OHM KOREA	1608	1	R704
11	CHIP TANTAL 10UF 10V SMT-B	293D106X10VA2T	10U/10V	DAEWOO	SMT-B	1	C702
12	INDUCTOR SMD LEM2520T 1UH	LEM2520T-1R0J	1UH	TAIYOYUDEN	2520T	2	L701-702
13	MIC	CMP-6646	C-MIC	BSE		1	MIC1
14	PUSH SWITCH	SKPS-22004	SW	SEKWANG		1	SW717