

Part List

Code				MODEL	FRSX2	
Date	Sep. 14, 2004	Department	R & D	Engineer	M.H.Koo	
NO	Parts Name	Specifications	Supplier	UNIT	Q'ty	Description
1	CAP, TANTAL, SMD, 1U/25, A	25MCS105MATER		EA	2	EC401, 508
2	CAP, TANTAL, SMD, 4.7U/25, A	25MCS475MATER		EA	2	EC302, 527
3	CAP, TANTAL, SMD, 10U/10, A	10MCM106MATER		EA	7	EC203, 501~504, 506, 522
4	Electric Capacitor	GRM42-6Y5V225Z16PE		EA	6	EC202, 204, 303, 304, 505, 514
5	Electric Capacitor	SME50 VB 1MCC		EA	1	EC510
6	Electric Capacitor	SME50 VB 4R7MCC		EA	1	EC515
7	Electric Capacitor	SME50 VB 10MCC		EA	3	EC511, 524, 525
8	Electric Capacitor	SME25 VB 47MCC		EA	1	EC201
9	CAP-CER, 1608, SMD	GRM39COG010C50PT		EA	3	C113, 308, 310
10	CAP-CER, 1608, SMD	GRM39COG0R5C50PT		EA	1	C205
11	CAP-CER, 1608, SMD	GRM39COG020C50PT		EA	2	C223, 310
12	CAP-CER, 1608, SMD	GRM39COG040C50PT		EA	1	C204
13	CAP-CER, 1608, SMD	GRM39COG050C50PT		EA	5	C229, 301, 305, 306, 309
14	CAP-CER, 1608, SMD	GRM39COG060D50PT		EA	2	C121, 304
15	CAP-CER, 1608, SMD	GRM39COG080D50PT		EA	3	C206, 207, 222
16	CAP-CER, 1608, SMD	GRM39COG100D50PT		EA	1	C226
17	CAP-CER, 1608, SMD	GRM39COG110D50PT		EA	2	C123, 216
18	CAP-CER, 1608, SMD	GRM39COG130D50PT		EA	1	C327
19	CAP-CER, 1608, SMD	GRM39COG150D50PT		EA	3	C212, 307, 313
20	CAP-CER, 1608, SMD	GRM39COG180D50PT		EA	1	C120
21	CAP-CER, 1608, SMD	GRM39COG220J50PT		EA	6	C104, 106, 109, 126, 314, 408
22	CAP-CER, 1608, SMD	GRM39COG270J50PT		EA	3	C208, 213, 326

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23	CAP-CER, 1608, SMD	GRM39COG470J50PT		EA	1	C218	
24	CAP-CER, 1608, SMD	GRM39COG820J50PT		EA	2	C402, 407	
25	CAP-CER, 1608, SMD	GRM39COG101J50PT		EA	4	C125, 302, 514, 519	
26	CAP-CER, 1608, SMD	GRM39COG221J50PT		EA	1	C102	
27	CAP-CER, 1608, SMD	GRM39COG471J50PT		EA	3	C404, 405, 531	
28	CAP-CER, 1608, SMD	GRM39X7R102K50PT		EA	39	C1, 7, 107, 117, 118, 122, 124, 209, 215, 220, 225, 228, 303, 311	
						323, 324, 501, 502, 505, 508, 511, 520, 586, 588, 591, 609~611,	
						626, 634, 635, 637, 638, 642, 641, 625, 5, 587, 594	
29	CAP-CER, 1608, SMD	GRM39X7R122K50PT		EA	2	C526, 529	
30	CAP-CER, 1608, SMD	GRM39X7R272K50PT		EA	2	C527, 528	
31	CAP-CER, 1608, SMD	GRM39X7R472K50PT		EA	2	C403, 515	
32	CAP-CER, 1608, SMD	GRM39X7R103K50PT		EA	4	C593, 631, 517, 608	
33	CAP-CER, 1608, SMD	GRM39X7R223K50PT		EA	3	C315, 316, 516	
34	CAP-CER, 1608, SMD	GRM39X7R273K50PT		EA	1	C507	
35	CAP-CER, 1608, SMD	GRM39Y5V104Z50PT		EA	8	C214, 406, 409, 509, 510, 512, 513, 518	
36	CAP-CER, 1608, SMD	GRM39Y5V224Z50PT		EA	4	C317, 636, 639, 640	
37	CAP-CER, 1608, SMD	GRM39Y5V474Z50PT		EA	3	C6, 401, 506	
38	RES, CF, 5%, SMD	CR1116W 000JV		EA	4	R2, 207, 321, 444	
39	RES, CF, 5%, SMD	CR1116W 4R7JV		EA	2	R526, 527	
40	RES, CF, 5%, SMD	CR1116W 220JV		EA	8	R104, 112, 212, 302, 320, 401, 501, 528	
41	RES, CF, 5%, SMD	CR1116W 470JV		EA	1	R203	
42	RES, CF, 5%, SMD	CR1116W 820JV		EA	1	R507	

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43	RES,CF,5%,SMD	CR1/16W 101JV		EA	3	R113,301,305	
44	RES,CF,5%,SMD	CR1/16W 221JV		EA	1	R202	
45	RES,CF,5%,SMD	CR1/16W 331JV		EA	2	R9,213	
46	RES,CF,5%,SMD	CR1/16W 471JV		EA	1	R204	
47	RES,CF,5%,SMD	CR1/16W 681JV		EA	1	R303	
48	RES,CF,5%,SMD	CR1/16W 821JV		EA	2	R114,319	
49	RES,CF,5%,SMD	CR1/16W 102JV		EA	2	R116,525	
50	RES,CF,5%,SMD	CR1/16W 122JV		EA	2	R561,622	
51	RES,CF,5%,SMD	CR1/16W 182JV		EA	3	R317,318,403	
52	RES,CF,5%,SMD	CR1/16W 222JV		EA	1	R537	
53	RES,CF,5%,SMD	CR1/16W 332JV		EA	3	R206,508,581	
54	RES,CF,5%,SMD	CR1/16W 392JV		EA	1	R304	
55	RES,CF,5%,SMD	CR1/16W 472JV		EA	8	R306,307,524,529,532,539,552,572	
56	RES,CF,5%,SMD	CR1/16W 562JV		EA	3	R522,523,571	
57	RES,CF,5%,SMD	CR1/16W 682JV		EA	2	R214,624	
58	RES,CF,5%,SMD	CR1/16W 103JV		EA	3	R407,505,584	
59	RES,CF,5%,SMD	CR1/16W 123JV		EA	3	R519,535,542	
60	RES,CF,5%,SMD	CR1/16W 153JV		EA	1	R210	
61	RES,CF,5%,SMD	CR1/16W 183JV		EA	1	R543	
62	RES,CF,5%,SMD	CR1/16W 223JV		EA	4	R530,553,554,551	
63	RES,CF,5%,SMD	CR1/16W 273JV		EA	1	R546	
64	RES,CF,5%,SMD	CR1/16W 333JV		EA	1	R541	

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65	RES,CF,5%,SMD	CR1/16W 393J/V		EA	1	R617
66	RES,CF,5%,SMD	CR1/16W 473J/V		EA	2	R1,109
67	RES,CF,5%,SMD	CR1/16W 563J/V		EA	6	R102,517,518,534,616,C503
68	RES,CF,5%,SMD	CR1/16W 823J/V		EA	3	R405533,545
69	RES,CF,5%,SMD	CR1/16W 104J/V		EA	13	R4,115,408,502,503,514,515,516,540,548,574 R618,C555
70	RES,CF,5%,SMD	CR1/16W 124J/V		EA	2	R585,556
71	RES,CF,5%,SMD	CR1/16W 154J/V		EA	3	R,547,623
72	RES,CF,5%,SMD	CR1/16W 224J/V		EA	4	R6,7,406,531
73	RES,CF,5%,SMD	CR1/16W 274J/V		EA	1	R583
74	RES,CF,5%,SMD	CR1/16W 564J/V		EA	1	R620
75	RES,CF,5%,SMD	CR1/16W 824J/V		EA	4	R5,521,538,544
76	RES,CF,5%,SMD	CR1/16W 105J/V		EA	2	R3,8
77	RES,CF,5%,SMD	CR1/16W 155J/V		EA	1	R504
78	RES,CF,6%	CR1/2R4R7J/V		EA	1	R559(manual)
79	THERMISTOR,SMD	NTCC16Y10KΩ J370H		EA	1	TH1
80	IC,I/F DET,SMD	TA31136FN		EA	1	U401
81	IC,LINEAR,OPAMP,SMD	LM2902D		EA	2	U506,508

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NO	Parts Name	Specifications	Supplier	UNIT	QTY	Description	
82	IC,CPU,SMD	HD404889TE,HD404889(MASKING) HD4074889TE,HD4074889(OTP)		EA	1	U503	
83	IC,PLL,SMD	U2781B		EA	1	U301	
84	IC,MEM,EEPROM,SMD	24C02J		EA	1	U502	
85	IC,LINER,SWITCH,SMD	MC14066BDR2		EA	1	U504	
86	IC,LINER,AUDIO AMP,DIP	CMX808A		EA	1	U507	
87	IC,LINER,REG,SMD	R1111N361B		EA	2	REG601,502	
88	IC,LINER,AUDIO AMP,SMD	NJM2073M		EA	1	U505	
89	FET,MIXER,SMD	3SK240		EA	1	Q102	
90	TR,RF,SMD	2SC3357RE		EA	1	Q202	
91	TR,RF,SMD	2SC4226		EA	4	Q104,203,301,302	
92	TR,RF,SMD	KRC404		EA	2	Q204,501	
93	TR,SW,SMD	KT1A1001		EA	4	Q205,503,511,512	
94	TR,SW,SMD	KRA301		EA	1	Q1	
95	TR,SW,SMD	KTC4075		EA	4	Q502,504,513,514	
96	TR,SW,SMD	KTC4080		EA	1	Q103	
97	TR,RF,SMD	NE5510279A		EA	1	Q201	
98	TR,SW,SMD	KRA305		EA	4	Q506~509	
99	DIODE,RF,SMD	MMBV3401		EA	2	D101,201	
100	DIODE,SW,SMD	KDS160		EA	1	D2	
101	DIODE,SW,SMD	KDS226		EA	2	D102,506	
102	DIODE,VVC,SMD	1SV270		EA	2	D1,304	

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Date	Sep. 14, 2004	Department	R & D	Engineer	M.H.Koo		
NO	Parts Name	Specifications	Supplier	UNIT	Q'TY	Description	
103	DIODE,VVC,SMD	1SV229		EA	1	D301	
104	DIODE,SW	1N4001		EA	1	D504	
105	OSC,4ppm,SMD	12.8(-10~60/3ppm)		EA	1	X301	
106	DISCRIMINATOR	JTBM455C24		EA	1	X401	
107	OSC,XTAL,원동	20.945M/15-30ppm		EA	1	X402	
108	OSC,X-TAL,SMD	4.032/16SX1		EA	1	X501	
109	CERAMIC FILTER	LTM455HT		EA	1	FL401(FRS)	
110	SAW FILTER	465MSAW		EA	1	SAW101	
111	Crystal Filter	21M08A		EA	1	XCF101(FRS)	
112	SEMI VR,3pi,SMD	EVM3YSX50B24(20K)		EA	3	VR201,401,501	
113	TRIMMER,SMD,20PF,3Φ	TZC03Z200A110T00		EA	1	VC301	
114	CHIP,COIL,SMD,0805	0805AS-8R2J-01(8.2nH)		EA	1	L208(FRS)	
115	CHIP,COIL,SMD,0805	0805AS-015J-01(15nH)		EA	1	L102	
116	CHIP,COIL,SMD,0805	0805AS-018J-01(18nH)		EA	1	L210	
117	CHIP,COIL,SMD,0805	0805AS-047J-01(47nH)		EA	1	L106	
118	CHIP,COIL,SMD,0805	0805AS-022J-01(22nH)		EA	2	L209,301	
119	CHIP,COIL,SMD,0805	0805AS-027J-01(27nH)		EA	1	L103	
120	CHIP,COIL,SMD,0805	0805AS-R68J-01(680nH)		EA	2	L205,304	
121	CHIP,COIL,SMD,1008	1008AS-4R7J-01(4.7uH)		EA	1	L107	
122	COIL,AIR,SMD,11nH	300904L		EA	2	L206,302	
123	COIL,AIR,SMD,21nH	351604TL		EA	4	L101,202~204	
124	COIL,AIR,SMD,26nH	401507		EA	1	L207	

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Date	Sep. 14, 2004	Department	R & D	Engineer	M.H. Koo	
NO	Parts Name	Specifications	Supplier	UNIT	Q'TY	Description
125	VARIABLE RESISTOR	CSPNS-0906(20K)-20SP-B10K		EA	1	SVR501
126	LCD	DG-000717		EA	1	LCD501
127	3.5MM 3Pole JACK	TC38-108-01		EA	1	J506
128	2.5MM 3Pole JACK	AJ403-4T		EA	2	J1,J2
129	DC JACK	TC18-013-05		EA	1	J501
130	DIN CONNECTOR	CJ103-6		EA	2	J503,504
131	SMD TACT SWITCH	KL-T-1105SA-8		EA	5	SW501~504,507
132	DOME-SW,SMD	EVQPO55		EA	2	SW505,506
133	LED-LCD,GRN	YG601		EA	2	LED501,502
134	CONNECTOR	5268-02A(RIGHT ANGLE 2P)		EA	1	J502
135	WIRE	35mm/28AWG RED		EA	2	
136	WIRE	35mm/28AWG BLK		EA	1	
137	PCB	HJC-SER2		EA		