

MODEL NAME : MM-5500C

VERSION : 0.2

DATE : 2005.01.26

PART LIST

No.	Description	PART No.	Q'ty	Reference No.	Manufacturer
1	RCC,8L,Build-up, B-type PCB		1		ORIENTECH
2	EVDO PROCESSOR	MSM5500_CP90-V2400-15TR	1	U400	QUALCOMM
3	TX TRANSCEIVER	RFT3100-2/1	1	U300	QUALCOMM
4	MCP(64M*16)(FLASH+SRAM)	SV5C6416UBR-70I	1	U401	SiliconZ
5	RX TRANSCEIVER	IFR3300 S1M8660	1	U101	QUALCOMM
6	PLL IC	S1M8838X01-NOTO	1	U103	SamSung_Electronics
7	DUAL BAND LNA+MIXER	ITM2520	1	U100	INTEGRANT
8	LO BUFFER Amplifier	MAAMSS0005TR	1	U303	M/A-COM
9	VC-TCXO	RTVY-124DF327T-S-19.200 RTVY-124DF327Q-S-19.200	1	U102	BALTRON
10	POWER AMPLIFIER	CX77105-16P	1	U301	CONEXANT
11	SAW DUPLEXER	EFSD836MD2S7	1	DUX100	Panasonic
12	RX RF SAW FILTER	FSRS0881C1	1	FL100	LG 이노텍
13	TX RF SAW FILTER	FSRS0836C1	1	FL300	LG 이노텍
14	RX IF SAW FILTER	FSMS0183C1	1	FL101	LG 이노텍
15	Dual LDO+RESET/, 2.8V&2.7V,300mA	TC1301A-FHVMFTR(2.6V)	1	U500	MICROCHIP
16	LDO,100mA	TC1015-3.0VCT713	2	U501, U702	MICROCHIP
17	LDO,100mA	TC1015-2.85VCT713	1	U503	MICROCHIP
18	DUAL BAND VCO	LSV1395BUS	1	U104	LISOTEK
19	QUARTZ CRYSTAL,32.768KHz	RSE-32.768-12.5-H14_TR	1	XT400	BALTRON
20	NTC THERMISTOR(SMD)	2322 615 33683 (0603 68K+/-5%)	1	TH400	BC component
21	USB CRYSTAL,48MHz	SMRS-48.000-B2	1	XT401	BALTRON
22	DUAL DATA BUFFER	SN74LVC2G126DCUR	1	U504	II
23	LDO,150mA	TPS76430(DBVR)	1	U502	II
24	VARACAP DIODE	1SV281(TPH3)	4	VD140, VD141, VD300, VD301	TOSHIBA
25	TR	UMF4N TR	1	Q400	ROHM
26	TR	EMG2T2R	1	Q700	ROHM
27	TVS DIODE	RSA6.1EN TR	1	Q502	ROHM
28	TR	EMH3T2R	1	Q503	ROHM
29	SWITCHING DIODE	1SS400G	1	D400	ROHM
30	LED(0603 size),RED	SML-310VT T86	1	LED400	ROHM
31	BJT,NPN &PNP	EMD9T2R	1	Q302	ROHM
32	Inductor,Bead	HH-1M2012-221JI	1	BD400	CERATECH
33	Inductor,Bead	HB-1M1608-601JI	10	BD101, BD102, BD103, BD300, BD301, BD302, BD500, BD501, BD502, BD700	CERATECH
34	CHIP TANTAL CAP. (TCML Series)	TA-6R3TCML 100M-PR	20	TC100, TC101, TC102, TC103, TC200, TC300, TC301, TC302, TC303, TC304, TC500, TC501, TC502, TC503, TC504, TC505, TC506, TC703, TC720, TC770	FUJITSU
35	CHIP TANTAL CAP. (22uF/4.0V +/-20%)	F920G226MPA	1	C413	NICHICON
36	Ceramic MLCC, 1.0pF	0402 NPO 1R0	1	C323	PHYCOMP
37	Ceramic MLCC, 2.0pF	0402 NPO 2R0	1	C325	PHYCOMP
38	Ceramic MLCC, 3.0pF	0402 NPO 3R0	1	C133	PHYCOMP
39	Ceramic MLCC, 3.3pF	0402 NPO 3R3	1	C152	PHYCOMP
40	Ceramic MLCC, 3.9pF	0402 NPO 3R9	1	C327	PHYCOMP
41	Ceramic MLCC, 4.7pF	0402 NPO 4R7	2	C121, C701	PHYCOMP
42	Ceramic MLCC, 6.8pF	0402 NPO 6R8	1	C112	PHYCOMP
42	Ceramic MLCC, 7.0pF	0402 NPO 7R0	1	C112	PHYCOMP
43	Ceramic MLCC, 12pF	0402 NPO 120	2	C313, C320	PHYCOMP
44	Ceramic MLCC, 15pF	0402 NPO 150	2	C165, C127	PHYCOMP
45	Ceramic MLCC, 18pF	0402 NPO 180	2	C456, C457	PHYCOMP
46	Ceramic MLCC, 22pF	0402 NPO 220	2	C348, C349	PHYCOMP
47	Ceramic MLCC, 24pF	0402 NPO 240	2	C128, C129	PHYCOMP
48	Ceramic MLCC, 33pF	0402 NPO 330	4	C150, C151, C750, C751	PHYCOMP
49	Ceramic MLCC, 47pF	0402 NPO 470	1	C302	PHYCOMP
50	Ceramic MLCC, 56pF	0402 NPO 560	1	C324	PHYCOMP
51	Ceramic MLCC, 68pF	0402 NPO 680	2	C318, C319	PHYCOMP

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52	Ceramic MLCC, 100pF	0402 NPO 101	23	C114, C123, C129, C130, C160, C164, C170, C301, C304, C307, C309, C330, C334, C340, C346, C429, C430, C431, C444, C445, C446	PHYCOMP
53	Ceramic MLCC, 220pF	0402 NPO 221	2	C453, C454	PHYCOMP
54	Ceramic MLCC, 330pF	0402 NPO 331	2	L115, C335	PHYCOMP
55	Ceramic MLCC, 470pF	0402 NPO 471	1	C702	PHYCOMP
56	Ceramic MLCC, 1.0nF	0402 X7R 102 (+/-10%/50V)	23	C118, C119, C122, C134, C135, C147, C200, C223, C310, C312, C328, C336, C344, C347, C350, C455, C503, C505, C507, C508, C509	PHYCOMP
57	Ceramic MLCC, 2.7nF	0402 X7R 272	1	C155	PHYCOMP
58	Ceramic MLCC, 3.3nF	0402 X7R 332	3	C153, C169, C300	PHYCOMP
59	Ceramic MLCC, 4.7nF	0402 X7R 472	1	C145	PHYCOMP
60	Ceramic MLCC, 5.6nF	0402 X7R 562	1	C315	PHYCOMP
61	Ceramic MLCC, 6.8nF	0402 X7R 682	1	C322	PHYCOMP
62	Ceramic MLCC, 10nF	0402 X7R 103	23	C117, C131, C146, C149, C314, C339, C343, C415, C419, C425, C432, C433, C447, C448, C450, C501, C502, C504, C506, C509, C510	PHYCOMP
63	Ceramic MLCC, 33nF	0402 Y5V 333	1	C167	PHYCOMP
64	Ceramic MLCC, 47nF	0402 Y5V 473	2	C113, C222	PHYCOMP
65	Ceramic MLCC, 100nF	0402 Y5V 104	61	C124, C126, C140, C141, C142, C143, C144, C146, C161, C162, C166, C171, C172, C303, C305, C306, C308, C321, C326, C332, C333, C337, C338, C400, C401, C402, C403, C405, C406, C407, C408, C409, C410, C411, C412, C417, C420, C421, C422, C423, C424, C426, C427, C428, C446, C451, C452, C511, C700, C701, C702	PHYCOMP
66	Ceramic MLCC, 220nF	0603 Y5V 224	1	C168	PHYCOMP
67	Ceramic MLCC, 470nF	0603 Y5V 474	2	C154, C201	PHYCOMP
68	Ceramic MLCC, 1uF	0603 Y5V 105	1	C311	PHYCOMP
69	Ceramic Inductor, 1.0nH	CI-B1005-10NS	1	L309	CERATECH
70	Ceramic Inductor, 3.9nH	CI-B1005-39NS	2	L303, L220	CERATECH
71	Ceramic Inductor, 6.8nH	CI-B1005-68NS	2	L118, L112	CERATECH
72	Ceramic Inductor, 10nH	CI-B1005-100JS	1	C329	CERATECH
73	Ceramic Inductor, 12nH	CI-B1005-120JS	1	L114	CERATECH
74	Ceramic Inductor, 15nH	CI-B1005-150JIT	1	L304	CERATECH
75	Ceramic Inductor, 27nH	CI-B1005-270JIT	1	L117	CERATECH
76	Ceramic Inductor, 33nH	CI-B1005-330JIT	1	L307	CERATECH
77	Ceramic Inductor, 39nH	CI-B1005-390JIT	1	L305	CERATECH
78	Ceramic Inductor, 56nH	CI-B1005-560JIT	1	L119	CERATECH
79	Wire type Inductor(J급)	0603CS-5N1XJBW (5.1nH)	1	L110	COILCRAFT
80	Wire type Inductor(G급)	0805CS-101XJBC (100nH)	1	L111	COILCRAFT
81	Wire type Inductor(J급)	0603CS-22NXJBW (22nH)	2	L121, L122	COILCRAFT
82	Wire type Inductor(J급)	0603CS-24NXJBW (24nH)	2	L300, L301	COILCRAFT
83	Wire type Inductor(J급)	0603CS-56NXJBW (56nH)	1	L124	COILCRAFT
84	Wire type Inductor(J급)	0603CS-100NXJBW (100nH)	1	L123	COILCRAFT
85	Wire type Inductor(G급)	0805CS-220XGBC (22nH)	2	L150, L302	COILCRAFT
86	Chip Resistor, 0ohm	0402 J 0R	13	R119, R121, R421, R430, R515, R523, L306, R437, R717, R783, R784, R732, R432	PHYCOMP
87	Chip Resistor, 3.0	0402 J 3R	2	R150, R411	PHYCOMP
88	Chip Resistor, 5.1	0402 J 5R1	2	R760, R762	PHYCOMP
89	Chip Resistor, 22	0402 J 22R	6	R147, R149, R156, R507, R509, R746	PHYCOMP
90	Chip Resistor, 30	0402 J 30R	1	R153	PHYCOMP

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91	Chip Resistor,33	0402 J 33R	3	R716, R722, R723	PHYCOMP
92	Chip Resistor,51	0402 J 51R	1	R310	PHYCOMP
93	Chip Resistor,82	0402 J 82R	1	R118	PHYCOMP
94	Chip Resistor,100	0402 J 100R	7	R141, R142, R148, R154, R302, R742, R743	PHYCOMP
95	Chip Resistor,220	0402 J 220R	10	R750, R751, R752, R761, R770, R771, R772, R773, R774, R775	PHYCOMP
96	Chip Resistor,330	0402 J 330R	2	R410, R416	PHYCOMP
97	Chip Resistor,470	0402 J 470R	3	R151, R505, R510	PHYCOMP
98	Chip Resistor,820	0402 J 820R	1	R146	PHYCOMP
99	Chip Resistor,1K	0402 J 1K	18	R113, R114, R116, R140, R200, R300, R301, R332, R422, R423, R427, R428, R431, C342, R776,	PHYCOMP
100	Chip Resistor,1.8K	0402 J 1K8	2	R426, R734	PHYCOMP
101	Chip Resistor,2.0K	0402 J 2K	2	R330, R745	PHYCOMP
102	Chip Resistor,2.2K	0402 J 2K2	3	R405, R406, R407	PHYCOMP
103	Chip Resistor,2.7K	0402 J 2K7	1	R152	PHYCOMP
104	Chip Resistor,3.9K	0402 J 3K9	2	R309, R706	PHYCOMP
105	Chip Resistor,5.6K	0402 J 5K6	1	R145	PHYCOMP
106	Chip Resistor,10K	0402 J 10K	33	R117, R143, R144, R307, R308, R331, R409, R413, R414, R415, R424, R429, R433, R434, R518, R520, R524, R720, R721, R728, R729, R730, R731, R733, R735, R737, R738, R740, R741, R744,	PHYCOMP
107	Chip Resistor,13K	0402 J 13K	1	R517	PHYCOMP
108	Chip Resistor,15K	0402 J 15K	4	R724, R725, R726, R727	PHYCOMP
109	Chip Resistor,20K	0402 J 20K	3	R401, R707, R736	PHYCOMP
110	Chip Resistor,30K	0402 J 30K	9	R112, R408, R501, R508, R519, R522, R700, R701, R702	PHYCOMP
111	Chip Resistor,47K	0402 J 47K	0	R437	PHYCOMP
112	Chip Resistor,82K	0402 J 82K	1	R705	PHYCOMP
113	Chip Resistor,100K	0402 J 100K	3	R440, R521, R739	PHYCOMP
114	Chip Resistor,120K	0402 J 120K	1	R439	PHYCOMP
115	Chip Resistor,180K	0402 J 180K	2	R400, R404	PHYCOMP
116	Chip Resistor,0R	0603 J 0R	1	R525	PHYCOMP
117	Chip Resistor,100K,1%	0603 F 100K	1	R704	PHYCOMP
118	Chip Resistor,180K,1%	0603 F 180K	1	R703	PHYCOMP
116	Chip Resistor, 12.1K,1%	2322 706 71213	1	R303	PHYCOMP
117	Chip Resistor, 20K, 1%	0402 F 20K	2	R120, R122	PHYCOMP
118	Chip Resistor, 75K, 1%	2322 706 77503	1	R417	PHYCOMP
119	Chip Resistor, 100K,1%	2322 706 71003	1	R418	PHYCOMP
120	Chip Resistor, 180K,1%	2322 706 71803	1	R420	PHYCOMP
121	Chip Resistor, 240K,1%	2322 706 72403	1	R419	PHYCOMP
CARDBUS component					
1	PCI to USB IC	UHP112	1	U708	Transdimension
2	DC-DC boost, 2A, 3MHz	LTC3402FMS	1	U700	LINEAR
3	Power Inductor, 2.2uH	LPO6013-222	1	L700	COILCRAFT
4	Tantal Capacitor, 33uF/10V	TE_PSLB31A336M_8_R	3	TC700, TC701, TC702	NEC/TOKIN
5	USB transceiver	ISP1105W	1	U703	PHILIPS
6	USB Crystal, 48MHz	COM2303-48.000	1	XTAL700	BALTRON
7	LDO,100mA	IC1015-3.3VCT713	0	U709	MICROCHIP
8	Array Resistor	MNR18E0AP330	6	R710, R711, R712, R713,	ROHM
9	Dual Color LED (RED&BLUE)	L-115WEMBW	1	LED700	KING BRIGHT
10	CardBus용 68pin Connector	58-9180-068-000-137S	1	CON700	AVX_ELCO
11	UIM card Connector	58-9180-006-000-121S	1	UIM_CON	AVX_ELCO
12	TVS arrays 5V	PSMF05	2	U704, U705	PROTECK
13	Varistor	CT0402L14G	4	VR701, VR702, VR703, VR704	EPCOS
14	PNP TR, Ic=100mA, R1=R2=4.7K	DIA143EE	2	Q703, Q704	ROHM

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15	Ear-jack Connector	EPJ1-5-A-DU	1	CON704	WOOYOUNG
16	6 pin Socket (DM용)	BMBS127-06-22H	1	CON701	B.M.B connector
17	8 pin Socket (JTAG용)	BMBS127-08-22H	0	CON702	B.M.B connector
18	Antenna Holder	DTCH_JACK	1	CON703	Alpha-tech
CARDBUS Assembly					
	CardBus용 Upper cover (non UIM)	80-9180-4003-00-000S	1		AVX_ELCO
	Lower cover	80-9180-4100-00-000S	1		AVX_ELCO
	CardBus용 I/O Cap	CARDCAP_DTCH	1		드림맥
	CardBus용 Antenna	ANT800_DTCH	1		한올테크