

MODEL NAME : MM-5100P

VERSION : 0.1A

PART LIST

DATE : 2003.07.25

1-1 case assembly

1-2 network card assembly

NO	LEVEL	DESCRIPTION	PART NO.	Q'ty	REFERENCE NO
	1	MM-5100P CDMA 1X NETWORK CARD ASSEMBLY			
	1-1	CASE ASSEMBLY			
1	1-1-1	Antenna Assembly		1	
2	1-1-2	Cover Upper Type 2,T=0.21	80-9180-4000-00-000S	1	
3	1-1-3	Cover Lower Type 2	80-9180-4100-00-000S	1	
4	1-1-4	I/O Assmebly,L.C.P		1	
5	1-1-5	Shield case,Frame	C5210S-1/2H,0.2T	2	
6	1-1-6	sheet			
7	1-2	NETWORK CARD ASSEMBLY			
8	1-2-1	RCC,6L,Build-up, C-type	PCB	1	
9	1-2-2	MODEM PROCESSOR	MSM5100	1	U400
10	1-2-3	RX TRANSCEIVER	IFR3300	1	U101
11	1-2-4	TX TRANSCEIVER	RFT3100-1 (RFT3100C32BCCP1TR) RFT3100-2	1	U300
12	1-2-5	DUAL BAND LNA+MIXER	ITM2520	1	U100
13	1-2-6	3208 MCP(FLASH+SRAM)	SV5C3238UTA-85I	1	U401
14	1-2-7	VC-TCXO	RTVY-124DF327T-S-19.200	1	U102
15	1-2-8	PLL IC	S1M8838X-NOTO-409NMC	1	U103
16	1-2-9	SAW DUPLEXER	EFSD836MC5S3	1	DUX100
17	1-2-10	RX RF SAW FILTER	FSRS0881C1	1	FL100
18	1-2-11	TX RF SAW FILTER	FSRS0836C1	1	FL300
19	1-2-12	RX IF SAW FILTER	FSMS0183B2	1	FL101
20	1-2-13	NTC THERMISTOR	2322_615_33683	1	TH400
21	1-2-14	DUAL BAND VCO	VC-2R8A90-1395	1	U104
22	1-2-15	POWER AMPLIFIER	CX77105-16P	1	U301
23	1-2-16	RF Switch	MM8430-2600B	1	CON101
24	1-2-17	EAR-JACK Connector	EPJ1-5-A-DD	1	EPJ700
25	1-2-18	PCMCIA Connector	20-9180-068-009-002	1	CON700
26	1-2-19	LO BUFFER Amplifier	MAAMSS0005TR	1	U303
27	1-2-20	USB TRANSCEIVER	ISP1105W	1	U403
28	1-2-21	TVS arrays 5V	PSMF05	6	U710, U711, U712, U713,U714, U715
29	1-2-22	Flip Chip TVS array 5V	SFC05-5	5	U717,U718,U719,U720,U721
30	1-2-23	TVS arrays,USB line	PSR05	1	U716

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31	1-2-24	LDO+RESET IC,300mA	TC1300R-2.8VUA TR	1	U500
32	1-2-25	LDO,150mA	TPS76430 (DBVR)	1	U502
33	1-2-26	LDO,100mA	TC1015-2.7VCT713	1	U505
34	1-2-27	LDO,100mA	TC1015-3.0VCT713	3	U501, U703,U702
35	1-2-28	LDO,100mA	TC1015-2.85VCT713	1	U503
36	1-2-29	LDO, 1A,SOP8	MIC39102BM	1	U700
37	1-2-30	PCMCIA to UART IC	OX16CF950-TQ-B	1	U701
38	1-2-31	24Pin system connector	TIO-24S-A2-0.5SM	1	CON701
39	1-2-32	BUZZER	SMOS-1020I-26L0	1	BUZ700
40	1-2-33	DUAL DATA BUFFER	SN74LVC2G126DCUR	1	U504
41	1-2-34	VARACAP DIODE	1SV281(TPH3)	4	VD140, VD141, VD300, VD301
42	1-2-35	QUARTZ CRYSTAL	CM130 , 32.768KHz	1	XT400
43	1-2-36	USB CRYSTAL,48MHz	CSTCW4800MX41 CSCTW48MOX12058-R0	1	XT401
44	1-2-37	Oscillator,+/-100ppm	CS10-14.7456MHz	1	XTAL700
45	1-2-38	MOSFET,N&P channel	SI1016X-T1	1	Q302
46	1-2-39	MOSFET, P-CH,1.25W	SI2305DS-T1	1	Q500
47	1-2-40	TR	UMF4N TR	1	Q400
48	1-2-41	TR	EMG2T2R	1	Q501
49	1-2-42	TVS DIODE	RSA6.1EA TR	1	Q502
50	1-2-43	TR	EMH3T2R	1	Q503
51	1-2-44	SWITCHING DIODE	1SS400G	1	D400
52	1-2-45	Diode-Schottaky	RB050L- 40	1	D700
53	1-2-46	Schottky Barrier Diode	MA2S728 (TX)	2	D301, D302
54	1-2-47	LED(0603 size),RED	SML-310VT T86	1	LED400
55	1-2-48	LED,Dual(RED&GREEN)	SML-020VMT	1	LED700
56	1-2-49	FUSE,0603	FCC16-202-AD	1	F700
57	1-2-50	Inductor,Bead	HH-1M2012-221JT	1	BD400
58	1-2-51	Inductor,Bead	HB-1M1608-601JT	7	BD300, BD301, BD302, BD500, BD501, BD502, BD700
52	1-2-52	CHIP TANTAL CAP. (TCML Series)	TA-6R3TCML 100M-PR	27	TC100, TC101, TC102, TC103, TC200, TC300, TC301, TC302, TC303, TC304, TC500, TC501, TC502, TC503, TC504, TC505, TC506, C413, TC400, TC701, TC702, TC703, TC704, TC705, TC706, TC707, TC708

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53	1-2-53	Ceramic MLCC, 1.0pF	0402 NPO 1R0	4	C323, L117, C100, C101
54	1-2-54	Ceramic MLCC, 2.0pF	0402 NPO 2R0	1	C325
55	1-2-55	Ceramic MLCC, 3.9pF	0402 NPO 3R9	2	C152, C327
56	1-2-56	Ceramic MLCC, 5.6pF	0402 NPO 5R6	1	C127
57	1-2-57	Ceramic MLCC, 12pF	0402 NPO 120	3	C121, C313, C320
58	1-2-58	Ceramic MLCC, 15pF	0402 NPO 150	3	C112, C133, C165
59	1-2-59	Ceramic MLCC, 18pF	0402 NPO 180	2	C456, C457
60	1-2-60	Ceramic MLCC, 22pF	0402 NPO 220	2	C348, C349
61	1-2-61	Ceramic MLCC, 24pF	0402 NPO 240	2	C128, C129
62	1-2-62	Ceramic MLCC, 33pF	0402 NPO 330	6	C150, C151, C706, C707, C712, C713
63	1-2-63	Ceramic MLCC, 47pF	0402 NPO 470	1	C302
64	1-2-64	Ceramic MLCC, 56pF	0402 NPO 560	1	C324
65	1-2-65	Ceramic MLCC, 68pF	0402 NPO 680	2	C318, C319
66	1-2-66	Ceramic MLCC, 100pF	0402 NPO 101	22	C114, C123, C125, C130, C160, C164, C170, C301, C304, C307, C309, C330, C331, C334, C340, C346, C429, C430, C431, C444, C445, C449
67	1-2-67	Ceramic MLCC, 220pF	0402 NPO 221	2	C453, C454
68	1-2-68	Ceramic MLCC, 330pF	0402 NPO 331	2	L115, C335
69	1-2-69	Ceramic MLCC, 1.0nF	0402 X7R 102 (+/-10%/50V)	28	C118, C119, C122, C134, C135, C147, C163, C200, C223, C310, C312, C328, C336, C342, C344, C347, C350, C455, C503, C505, C507, C509, C513, R305, R306, C701, C702, C710
70	1-2-70	Ceramic MLCC, 2.7nF	0402 X7R 272	1	C155
71	1-2-71	Ceramic MLCC, 3.3nF	0402 X7R 332	3	C153, C169, C300
72	1-2-72	Ceramic MLCC, 4.7nF	0402 X7R 472	1	C145
73	1-2-73	Ceramic MLCC, 5.6nF	0402 X7R 562	1	C315
74	1-2-74	Ceramic MLCC, 6.8nF	0402 X7R 682	1	C322
75	1-2-75	Ceramic MLCC, 10nF	0402 X7R 103	24	C117, C131, C148, C149, C314, C339, C341, C343, C415, C419, C425, C432, C433, C447, C448, C450, C501, C502, C504, C506, C508, C510, C512, C711
76	1-2-76	Ceramic MLCC, 33nF	0402 Y5V 333	1	C167
77	1-2-77	Ceramic MLCC, 47nF	0402 Y5V 473	2	C113, C222

MODEL NAME : MM-5100P

VERSION : 0.1A

PART LIST

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					C124, C126, C140, C141, C142, C143, C144, C146, C161, C162, C166, C171
78	1-2-78	Ceramic MLCC, 100nF	0402 Y5V 104	55	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, C438, C446, C451, C452, C458, C511, C460, C461, C703, C704, C705, C714
79	1-2-79	Ceramic MLCC, 220nF	0603 Y5V 224	1	C168
80	1-2-80	Ceramic MLCC, 470nF	0603 Y5V 474	2	C154, C201
81	1-2-81	Ceramic MLCC, 1uF	0603 Y5V 105	1	C311
82	1-2-82	Ceramic MLCC	DNI	DNI	C115, C132, C221, C224, C225, C226, C227, C228, C229, C230, C231, C345
83	1-2-83	Ceramic Inductor,1.0nH	CI-B1005-10NSJT	1	L309
84	1-2-84	Ceramic Inductor,3.9nH	CI-B1005-39NJJT	1	L303
85	1-2-85	Ceramic Inductor,4.7nH	CI-B1005-47NJJT	1	L220
86	1-2-86	Ceramic Inductor,6.8nH	CI-B1005-68NJJT	1	L118
87	1-2-87	Ceramic Inductor,10nH	CI-B1005-100NJJT	1	C329
88	1-2-88	Ceramic Inductor,12nH	CI-B1005-120NJJT	1	L114
89	1-2-89	Ceramic Inductor,15nH	CI-B1005-150NJJT	4	L112, L304, C120, L100
90	1-2-90	Ceramic Inductor,18nH	CI-B1005-180NJJT	2	L307, L308
91	1-2-91	Ceramic Inductor,39nH	CI-B1005-390NJJT	1	L305
92	1-2-92	Ceramic Inductor,56nH	CI-B1005-560NJJT	1	L119
93	1-2-93	Wire type Inductor(J□)	0603CS-15NXJBW (15nH)	2	L123, L124
94	1-2-94	Wire type Inductor(J□)	0603CS-22NXJBW (22nH)	2	L121, L122
95	1-2-95	Wire type Inductor(J□)	0603CS-24NXJBW (24nH)	2	L300, L301
96	1-2-96	Wire type Inductor(J□)	0603CS-39NXJBW (39nH)	2	L125, L126
97	1-2-97	Wire type Inductor(G□)	0805CS-220XGBC (22nH)	2	L150, L302
98	1-2-98	INDUCTOR	DNI	DNI	L113, L120, L221, L222, L223
99	1-2-99	Chip Resistor,0ohm	0402 J 0R	9	R119, R121, R421, R430, R515, R523, L306, R718, R789
100	1-2-100	Chip Resistor,3	0402 J 3R	2	R150, R411
101	1-2-101	Chip Resistor,5.1	0402 J 5R1	2	R727, R729
102	1-2-102	Chip Resistor,22	0402 J 22R	5	R147, R149, R507, R509, BD100
103	1-2-103	Chip Resistor,30	0402 J 30R	1	R153, R455,R456

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104	1-2-104	Chip Resistor,51	0402 J 51R	1	R310
105	1-2-105	Chip Resistor,100	0402 J 100R	5	R141, R142, R148, R154, R302
106	1-2-106	Chip Resistor,220	0402 J 220R	24	R710, R713, R725, R726, R728, R730, R731, R732, R733, R734, R735, R736, R737, R738, R739, R785, R790, R791, R792, R780, R781, R782, R783, R784
107	1-2-107	Chip Resistor,330	0402 J 330R	2	R410, R416
108	1-2-108	Chip Resistor,470	0402 J 470R	5	R151, R505, R510, R333, R723
109	1-2-109	Chip Resistor,820	0402 J 820R	1	R146
110	1-2-110	Chip Resistor,1K	0402 J 1K	15	R113, R114, R116, R140, R200, R300, R301, R332, R335, R422, R423, R427, R428, R431, R432
111	1-2-111	Chip Resistor,1.3K	0402 J 1K3	1	R704
112	1-2-112	Chip Resistor,1.5K	0402 J 1K5	1	R453
113	1-2-113	Chip Resistor,1.8K	0402 J 1K8	1	R426
114	1-2-114	Chip Resistor,2.0K	0402 J 2K	1	R330
115	1-2-115	Chip Resistor,2.2K	0402 J 2K2	3	R405, R406, R407
116	1-2-116	Chip Resistor,2.7K	0402 J 2K7	2	R152, R703
117	1-2-117	Chip Resistor,3.9K	0402 J 3K9	2	R309, R457
118	1-2-118	Chip Resistor,4.7k	0402 J 4K7	1	R458
119	1-2-119	Chip Resistor,5.6K	0402 J 5K6	2	R145, R705
120	1-2-120	Chip Resistor,10K	0402 J 10K	21	R117, R143, R144, R307, R308, R331, R409, R413, R414, R415, R424, R429, R433, R434, R438, R514, R518, R520, R450, R701, R707
121	1-2-121	Chip Resistor,13K	0402 J 13K	1	R517
122	1-2-122	Chip Resistor,20K	0402 J 20K	4	R401, R706, R711, R712
123	1-2-123	Chip Resistor,30K	0402 J 30K	44	R112, R408, R501, R508, R511, R519, R522, R452, R521, R719, R720, R721, R740, R741, R744, R745, R746, R747, R748, R749, R750, R751, R752, R753, R754, R755, R756, R757, R758, R759, R760, R761, R762, R763, R764, R765, R766, R767, R777, R778, R779, R786, R787, R788
124	1-2-124	Chip Resistor,47K	0402 J 47K	2	R334, R437
125	1-2-125	Chip Resistor,100K	0402 J 100K	2	R440, R502
126	1-2-126	Chip Resistor,120K	0402 J 120K	1	R439
127	1-2-127	Chip Resistor,470K	0402 J 470K	1	R722

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128	1-2-128	Chip Resistor,180K	0402 J 180K	2	R400, R404
129	1-2-129	Chip Resistor,10K,1%	2322 706 71003	2	R120, R122
130	1-2-130	Chip Resistor,12.1K,%	2322 706 71213	1	R303
131	1-2-131	Chip Resistor,75K, 1%	2322 706 77503	1	R417
132	1-2-132	Chip Resistor,100K,1%	2322 706 71003	1	R418
133	1-2-133	Chip Resistor,180K,1%	2322 706 71803	1	R420
134	1-2-134	Chip Resistor,240K,1%	2322 706 72403	1	R419
135	1-2-135	RESISTOR	DNI	DNI	R111, R115, R118, R123, R220, R506, R512, R513, R743, R708, R742
1	1-2-136	Antenna Holder		1	CON100

MANUFACTURER

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