

MX-1111_BOM

Date : Apr.23rd 2000									
Created by YS. Cho									
File Name : V:\MSM3000 Based Design\MX-1110\MX-1111_BOM_3_FCC.XLS									
Model : MX1111-AR1060101									
NO		Part Number	Parts	Description	Reference No.	QTY			REMARK
1		CR10601BA01	MX-1111 BODY ASS'Y						
1		CR10601PA	MX-1111 PACKING ASS'Y						
		Not Approved	NAME LABEL	1 EA		1			
		Not Approved	BATTERY LABEL	1 EA		1			
		Not Approved	PULP TRAY	1 EA		1			
		Not Approved	GIFT BOX	1 EA		1			
		Not Approved	OUT BOX	1 EA		1			
		Not Approved	POLY BAG	2 EA		2			
		Not Approved	USER MANUAL	1 EA		1			
		Not Approved	BAR CODE LABEL	1 EA		1			
		Not Approved	PCB LABEL	1 EA		1			
..2		Not Approved	Wall Charger	Wall transformer, 8.5V/900mA		1			
1			MX STANDARD BATTERY ASS'Y						
..2		Not Approved	Standard Battery Pack	NI-MH 3Cell, Prismatic, 600mAh		3			
		719-888	BATTERY COVER	BATTERY COVER STANDARD		1			
		719-889	BATTERY PACK	BATTERY PACK STANDARD		1			
		Not Approved	DOUBLE SIDE TAPE	DOUBLE SIDE TAPE		2			
..2		CR10601BCA	MX-1111 COVER ASS'Y						
...3		CR10601FCA01	MX-1111 FRONT COVER ASS'Y						
		719-886	FRONT COVER	SPRAY + UV Coating		1			
		719-880	FLIP	SPRAY + UV Coating		1			
		814-348	WINDOW	SILK PRINT + UV Coating		1			
		895-784	KEY PAD	Silk PRINT + P.U Coating		1			
		826-446	UP/DOWN KNOB			1			
		831-160	CAP(For EAR JACK)			1			
		Not Approved	HINGE(L)	Made by DIABELL		1			
		Not Approved	HINGE(R)	Made by DIABELL		1			
		814-347	LED LENS			1			

MX-1111_BOM

NO		Part Number	Parts	Description	Reference No.	QTY			REMARK
		Not Approved	LOGO PLATE	LEXAN SHEET		1			
		508-783-A	DTC TERMINAL	DTC. TERMINAL ASS'Y		1			
		Not Approved	DUST CUSHION			1			
		907-016	DOUBLE SIDE TAPE	For window		1			
		906-866-A	FELT	For buzzer		1			
		Not Approved	HOLDER (MIC)			1			
...3		CR10601BCA	MX-1111 BOTTOM COVER ASS'Y						
		617-145	(+)M/SCREW M1.7X4			4			
		719-887	BACK COVER			1			
		826-447	LOCK KNOB			1			
		831-161	CAP	RF CONNECTOR CAP.		1			
		881-646	SPRING			1			
..2		CR10601MBA	MX-1111 MAIN BOARD ASS'Y						
...3		CR10601MBMA	MX-1111 MAIN BOARD MANUAL ASS'Y						
		508-785-A	LCD HOLER ASS'Y			1			
		508-784-A	METAL DOME ASS'Y			1			
		Not Approved	BUZZER CUSHION			1			
		772-508	SHIELD CASE			1			
		753-114	ANT' TERMUNAL			1			
		Not Approved	CLIP			4			
....4	20	420-288-4	C-mic	OB22S44-C33	MIC	1			
....4	1	Not Approved	LCD	LCD Graphic Display	LCD	1			Matsushida
....4	20	Not Approved	Speker	KR-136-03A	SPK401	1			
....4	1	Not Approved	ANT	Fixed antenna, 800Mhz	ANT	1			ACE
....4	20	420-918-1	VIBRATOR	MX1008 Type Vibrator	MOT	1			
...3		CR10601MBSA	MX-1111 MAIN BOARD SMD ASS'Y						
....4	10	05D-000-5Z	RESISTOR CHIP	0 1/16W 5% T 100 SMD 0402	R111,417,418,334	7			
					R466,478,C125				
....4	20	05D-000-5Z	RESISTOR CHIP	0 1/16W 5% T 100 SMD 0402	R461	1			
....4	10	05D-100-2Z	RESISTOR CHIP	10 1/16W 5% T 100 SMD 0402	R109	1			

MX-1111_BOM

NO		Part Number	Parts	Description	Reference No.	QTY				REMARK
....4	10	05D-101-3Z	RESISTOR CHIP	100 1/16W 5% T 100 SMD 0402	R103	1				
....4	20	05D-101-3Z	RESISTOR CHIP	100 1/16W 5% T 100 SMD 0402	R407,408,409,410,411,412,457	7				
....4	10	05D-103-5Z	RESISTOR CHIP	10K 1/16W 5% T 100 SMD 0402	R307,459,463,464,437,321	6				
....4	20	05D-103-5Z	RESISTOR CHIP	10K 1/16W 5% T 100 SMD 0402	R432,433,434	3				
....4	10	05D-104-6Z	RESISTOR CHIP	100K 1/16W 5% T 100 SMD 0402	R106,416,419,420	4				
....4	20	05D-104-6Z	RESISTOR CHIP	100K 1/16W 5% T 100 SMD 0402	R460,462	2				
....4	10	05D-106-8Z	RESISTOR CHIP	10M 1/16W 5% T 100 SMD 0402	R415	1				
....4	10	05D-102-4Z	RESISTOR CHIP	1K 1/16W 5% T 100 SMD 0402	R330,331,332	3				
....4	10	05D-112-3Z	RESISTOR CHIP	1.1K 1/16W 5% T 100 SMD 0402	R204	1				
....4	10	05D-113-4Z	RESISTOR CHIP	11K 1/16W 5% T 100 SMD 0402	R105	1				
....4	10	05D-151-8Z	RESISTOR CHIP	150 1/16W 5% T 100 SMD 0402	R342	1				
....4	10	05D-180-4Z	RESISTOR CHIP	18 1/16W 5% T 100 SMD 0402	R113,208,209,210	4				
....4	10	05D-181-5Z	RESISTOR CHIP	180 1/16W 5% T 100 SMD 0402	R211	1				
....4	10	05D-220-7Z	RESISTOR CHIP	22 1/16W 5% T 100 SMD 0402	R241	1				
....4	10	05D-221-8Z	RESISTOR CHIP	220 1/16W 5% T 100 SMD 0402	R320	1				
....4	20	05D-221-8Z	RESISTOR CHIP	220 1/16W 5% T 100 SMD 0402	R401,402,403,404,405,406	6				
....4	10	05D-222-9Z	RESISTOR CHIP	2.2K 1/16W 5% T 100 SMD 0402	R218	1				
....4	10	05D-272-4Z	RESISTOR CHIP	2.7K, 0402, 5%	R313	1				
....4	10	05D-223-0Z	RESISTOR CHIP	22K 1/16W 5% T 100 SMD 0402	R104,319,311	3				
....4	10	05D-331-4Z	RESISTOR CHIP	330 1/16W 5% T 100 SMD 0402	R439,440,441,442,444,445,	16				
					R446,447,449,450,451,452,453,					
					R476,477,302					
....4	10	05D-333-6Z	RESISTOR CHIP	33K 1/16W 5% T 100 SMD 0402	R217,216	2				
....4	10	05D-391-8Z	RESISTOR CHIP	390 1/16W 5% T 100 SMD 0402	R203	1				
....4	10	05D-479-5Z	RESISTOR CHIP	4.7 1/16W 5% T 100 SMD 0402	R202	1				
....4	10	05D-472-8Z	RESISTOR CHIP	4.7K 1/16W 5% T 100 SMD 0402	R438,456	2				
....4	10	05D-473-9Z	RESISTOR CHIP	47K 1/16W 5% T 100 SMD 0402	R312,340,341	9				
					R435,443,448,458,469,470					
....4	20	05D-473-9Z	RESISTOR CHIP	47K 1/16W 5% T 100 SMD 0402	R343	1				
....4	10	05D-519-8Z	RESISTOR CHIP	5.1 1/16W 5% T 100 SMD 0402	R212,310,314,315,316	8				
					R322,323,325					
....4	10	05D-510-9Z	RESISTOR CHIP	51 1/16W 5% T 100 SMD 0402	R201	1				
....4	10	05D-511-0Z	RESISTOR CHIP	510 1/16W 5% T 100 SMD 0402	R309	1				
....4	20	05D-511-0Z	RESISTOR CHIP	510 1/16W 5% T 100 SMD 0402	R344	1				
....4	10	05D-512-1Z	RESISTOR CHIP	5.1K 1/16W 5% T 100 SMD 0402	R108,213,214,215,317,318,304	7				
....4	10	05D-562-6Z	RESISTOR CHIP	5.6K 1/16W 5% T 100 SMD 0402	R207,220,308,326	4				

MX-1111_BOM

NO		Part Number	Parts	Description	Reference No.	QTY				REMARK
....4	10	05D-561-5Z	RESISTOR CHIP	560 1/16W 5% T 100 SMD 0402	R205,206,303	3				
....4	10	05D-681-0Z	RESISTOR CHIP	680 1/16W 5% T 100 SMD 0402	R240	1				
....4	10	05D-751-0Z	RESISTOR CHIP	750 1/16W 5% T 100 SMD 0402	R436	1				
....4	10	05G-104-6Z	RESISTOR CHIP 1%	100K 1/16W 1% T 100 SMD 0402	R101,102,306	3				
....4	10	06B-058-1Z	RESISTOR CHIP 1%	0.05R 1% SMD 0805	R413,414	2				
....4	10	Not Approved	RESISTOR CHIP 1%	120K 1/16W 1% T 100 SMD 0402	R425	1				
....4	10	131-126-6Y	CAPACITOR CHIP	GRM36COG1P0J16VPT 1.0PF 0402	C324,C326,C362	3				
....4	10	131-127-7Y	CAPACITOR CHIP	GRM36COG100J16VPT 10PF 0402	C107,108	2				
....4	10	131-129-9Y	CAPACITOR CHIP	GRM36COG101J16VPT 100PF 0402	C104,109,111,112,113,117,118	26				
					C227,228,302,303,306,307					
					C309,312,313,314,315,343,344					
					C436,437,438,439,452,453					
....4	20	131-129-9Y	CAPACITOR CHIP	GRM36COG101J16VPT 100PF 0402	C444,372,373	3				
....4	10	130-B12-1Y	CAPACITOR CHIP	GRM36X7R102K16VPT 0.001UF 0402	C204,211,212,213,218,219,229	18				
					C236,301,304,308,310,336,337					
					C338,429,237,231					
....4	10	130-B16-5Y	CAPACITOR CHIP	GRM36X7R103J16VPT 0.01UF 0402	C102,105,114,115,203,246,329	14				
					C406,433,446,323,361,370,371					
....4	10	130-B19-8Y	CAPACITOR CHIP	GRM36Y5V104Z16VPT 0.1UF 0402	C106,247,251,331,345,349	34				
					C418,419,420,430,431,432					
					C440,441,443,445,456,457,458					
					C459,460,461,462,463,464,465					
					C466,467,468,469,477,480,481					
					C375					
....4	20	130-B19-8Y	CAPACITOR CHIP	GRM36Y5V104Z16VPT 0.1UF 0402	C473,474,475	3				
....4	10	131-258-6Y	CAPACITOR CHIP	GRM36COG1P2J16VPT 1.2PF 0402	C124	1				
....4	10	131-256-4Y	CAPACITOR CHIP	GRM36COG120J16VPT 12PF 0402	C206	1				
....4	10	130-B13-2Y	CAPACITOR CHIP	GRM36X7R122K16VPT 0.0012UF 0402	C120	1				
....4	10	131-583-5Y	CAPACITOR CHIP	GRM36COG1P5J16VPT 1.5PF 0402	C210	1				
....4	10	130-B14-3Y	CAPACITOR CHIP	GRM36X7R152K16VPT 0.0015UF 0402	C119,355	2				
....4	10	131-851-7Y	CAPACITOR CHIP	GRM36COG180J16VPT 18PF 0402	C232	1				
....4	10	132-033-0Y	CAPACITOR CHIP	GRM36COG2P0J16VPT 2PF 0402	C224,350	2				
....4	10	132-287-0Y	CAPACITOR CHIP	GRM36COG220J16VPT 22PF 0402	C334,340	2				
....4	10	132-288-1Y	CAPACITOR CHIP	GRM36X7R221J16VPT 220PF 0402	C335,339	2				
....4	10	130-286-9Y	CAPACITOR CHIP	GRM36X7R222K16VPT 0.0022PF 0402	C318,319	2				
....4	10	132-415-2Y	CAPACITOR CHIP	GRM36COG2P4J16VPT 2.4PF 0402	C223,225	2				

MX-1111_BOM

NO		Part Number	Parts	Description	Reference No.	QTY				REMARK
....4	10	132-749-4Y	CAPACITOR CHIP	GRM36COG2P7J16VPT 2.7PF 0402	C216,217,352	3				
....4	10	132-750-4Y	CAPACITOR CHIP 0402	GRM36COG270J16VPT 27PF 0402	C408,C409	2				
....4	10	133-110-1Y	CAPACITOR CHIP	GRM36COG3P0J16VPT 3.0PF 0402	C221	1				
....4	10	133-365-5Y	CAPACITOR CHIP	GRM36COG3P3J16VPT 3.3PF 0402	C322	1				
....4	10	133-366-6Y	CAPACITOR CHIP	GRM36COG330J16VPT 33PF 0402	C122,123,201,205,226,230,238	22				
					C243,250,311,316,320,325,328					
					C332,342,346,347,348,351,353					
					C354					
....4	20	133-366-6Y	CAPACITOR CHIP	GRM36COG330J16VPT 33PF 0402	C447,448,449,450,471,472	6				
....4	10	130-365-0	CAPACITOR CHIP	GRM36X7R333K10V 0.033UF 0402	C208,222,321	3				
....4	10	133-941-8Y	CAPACITOR CHIP	GRM36COG3P9J16VPT 3.9PF 0402	C202,244,233	3				
....4	10	134-018-7Y	CAPACITOR CHIP	GRM36COG040J16VPT 4.0PF 0402	C374,260	2				
....4	10	134-780-1Y	CAPACITOR CHIP	GRM36X7R471J16VPT 470PF 0402	C242,249,404	3				
....4	10	130-447-1Y	CAPACITOR CHIP	GRM36X7R472K16VPT 0.0047UF 0402	C209,220,235,239,240,454,455	7				
....4	10	130-452-5Y	CAPACITOR CHIP	GRM36X7R473K16VPT 0.047UF 0402	C215	1				
....4	10	130-525-8Y	CAPACITOR CHIP	GRM36COG0R5J16VPT 0.5PF 0402	L121	1				
....4	10	130-526-9Y	CAPACITOR CHIP	GRM36X7R562K16VPT 0.0056UF 0402	C341	1				
....4	10	136-860-0Y	CAPACITOR CHIP	GRM36COG680J16VPT 68PF 0402	C234,241	2				
....4	10	130-630-9Y	CAPACITOR CHIP	GRM39X7R683K50VPT 0.068UF 0603	C121	1				
....4	10	131-092-8Y	CAPACITOR CHIP	GRM39COG100D50VPT 10PF 0603	C214	1				
....4	10	130-A73-6Y	CAPACITOR CHIP 0603	GRM39X7R103J25PT 0.01UF 0603	C470	1				
....4	10	131-135-4Y	CAPACITOR CHIP	GRM39Y5V105Z50VPT 1UF 0603	C103,330,405	3				
....4	10	130-A98-9	CAPACITOR CHIP	GRM39X7R183K50VPT 0.018UF 0603	C248	1				
....4	10	130-291-6	CAPACITOR CHIP	GRM39X7R224K50VPT 0.22UF 0603	C356	1				
....4	10	130-A60-4Y	CAPACITOR CHIP 0805	GRM40X7R104K25 0.1UF 0805	C402	1				
....4	10	132-295-0	CAPACITOR CHIP	GRM40X5R225K6.3 2.2UF 0805	C101,116,305,358	14				
					C410,412,414,415,416,417,427					
					C428,442,482					
....4	20	Not Approved	10uF 10V X5R 1206	GRM426 X5R 106K 6.3V	C426	1				Murata
....4	10	Not Approved	10uF 25V TANTAL C	TSM1E106CSSR	C401	1				Daewoo
....4	10	141-072-3Y	10uF 10V TANTAL_A	10UF TSM1A106ASSCHIP TANTA	C451	1				
....4	10	141-067-6	100uF 16V TANTAL_D	TA-016TCMS101M-ER 16VCHIP TANTA	C403	1				
....4	10	Not Approved	COIL CHIP	120_OHM, BK1005HS121	L100,101,202,204,215,220	10				Taiyoyuden
					L301,302,303,316					
....4	10	Not Approved	COIL CHIP	22 OHM, BK2125HS220	L300,401	2				Taiyoyuden
....4	20	311-396-9	COIL INDUCTOR 0603	BLM11B102SPT	L406,407	2				Taiyoyuden

MX-1111_BOM

NO		Part Number	Parts	Description	Reference No.	QTY				REMARK
....4	10	Not Approved	RF CHOKE SMD 0603	BK1608HS800	L400,403,405	3				Taiyoyuden
....4	10	311-841-4	COIL CHIP	10NH, HK100510NJ	L315	1				
....4	10	311-270-8	COIL CHIP	10NH, HK160810NK	L310,206	2				
....4	10	311-244-5	COIL CHIP	12NH, HK160812NK	L104, C245	2				
....4	10	311-080-3	COIL CHIP	1.2UH,NL252018T-1R2J	L213	1				
....4	10	Not Approved	COIL CHIP	120NH, FASTRON(0603AD-R12)	L304,305	2				Taiyoyuden
....4	10	311-845-8	COIL CHIP	15NH, HK100515NJ	L314,309,221	3				
....4	10	311-271-9	COIL CHIP	15NH, HK160815NJ	L311	1				
....4	10	311-415-3	COIL CHIP	150NH, FASTRON(0805AS-R15J)	L216	1				
....4	10	311-900-4	COIL CHIP	180NH, LK1608 R18K	L207	1				
....4	10	311-263-2	COIL CHIP	2N2H, HK16082N2J	L312	1				
....4	10	Not Approved	COIL CHIP	27NH, FASTRON(0603)	L306,307	2				Fastron
....4	10	311-830-4	COIL CHIP	3N3H, HK10053N3J	L208	1				
....4	10	311-508-4	COIL CHIP	330NH, FASTRON(0805)	L217	1				
....4	10	311-266-5	COIL CHIP	3N9H, HK16083N9J	L205	1				
....4	10	311-272-0	COIL CHIP	47NH, HK160847NJ	L201	1				
....4	10	311-245-6	COIL CHIP	4N7H, HK16084N7J	L308	1				
....4	10	311-690-4	COIL CHIP	47NH, FASTRON(0603)	L218,219	2				
....4	10	311-365-1	COIL CHIP	560NH, LK1608 R56K	L210,211	2				
....4	10	311-838-2	COIL CHIP	6N8H, HK10056N8J	L203,313	2				
....4	10	311-423-0	COIL CHIP	680NH, FASTRON (0805)	L209	1				
....4	10	311-269-8	COIL CHIP	8N2H, HK16088N2J	L200	1				
....4	10	312-017-2	DC/DC Coil 22uH 20%	A915AY-220M	L402	1				
....4	10	242-030-1	DIODE VARACTOR	BB149	D202,203,301,302	4				
....4	10	249-014-2	DIODE DUAL CHIP	BAT74	D300	1				
....4	20	251-258-9	PY1111C Yellow	LED PY1111C	D401,402,403,404,405,406	6				
....4	20	251-269-9	LED INDICATOR RED	SLSNNUR101TS RED	D418	1				
....4	10	243-090-0	DIODE DUAL COMMON	KDS120	D416	1				
....4	10	243-147-9	Shortkey Diode	M1FS4	D415	1				
....4	10	243-104-0	Diode Single	KDS160	D413,417	2				
....4	20	243-104-0	Diode Single	KDS160	D425	1				
....4	10	243-146-8	TVS	SMF05	D419,420,421,422	4				
....4	10	243-152-3	Shortkey Diode	SS24	D414	1				
....4	10	243-151-2	DIODE DUAL SERIAL	KDS122	D423,424	2				
....4	10	251-293-0	LED LNJ308G8TRA SMD	LNJ308G8TRA Green	D407,408,409,410,411,412	6				
....4	20	200-228-2	BRT PNP	KRA305	Q402	1				

MX-1111_BOM

NO		Part Number	Parts	Description	Reference No.	QTY				REMARK
....4	10	200-229-3	BRT PNP	KRA308	Q401	1				
....4	10	200-130-3	TRANSISTOR	KRC405	Q300,301	2				KEC
....4	10	200-231-4	TRANSISTOR	KRC408	Q403,404	2				
....4	20	200-231-4	TRANSISTOR	KRC408	Q405	1				
....4	20	200-132-8	FET	TP0202T	Q302	1				
....4	10	243-153-4	DIODE CHIP	HSMP3890	D200,201	2				H.P
....4	10	200-232-5	SILICON RF TR	AT32032	Q304	1				H.P
....4	10	220-745-8	DUAL OP AMP	LMC7111	U105	1				
....4	10	Not Approved	VCTCXO	VCTCXO RTVY-174DF23J-5-19.680	U100	1				Raltron
....4	10	Not Approved	IC REGULATOR 3.0V	TK71630SCLH	U301	1				TOKO
....4	10	221-510-7	IC PLL	LMX2332L	U102	1				N.S
....4	10	221-497-9	IC RX ASIC	RF25A	U200	1				Conexant
....4	10	221-498-0	IC TX ASIC	RF25B	U300	1				Conexant
....4	10	221-505-3	IC PWR AMP	RM912	PA301	1				Conexant
....4	10	221-501-9	IC TEMP SENSOR	LM20BIM7	U104	1				N.S
....4	10	221-297-5	VCO	UCVA3X132A	U101	1				ALPS
....4	10	221-508-6	CDMA ASIC	MSM3000_UBGA176	U401	1				Qualcomm
....4	10	221-499-1	BBASIC + CODEC	RF262-UBGA100	U402	1				Conexant
....4	10	221-503-1	Flash + Sram MCP	28F1604C3B110 -> 28F1604C3B90	U404	1				INTEL
....4	10	200-233-6	MOSFET	SI6963DQ	U406	1				
....4	10	221-502-0	Power Management IC	PM1000	U403	1				Qualcomm
....4	10	221-511-8	AND Gate Dual	TC7W08FU	U408	1				
....4	10	220-661-5	AND Gate Single	TC7S08FU	U407	1				
....4	10	271-184-1	FILTER SAW	RF_TX_SAW (SFD836LH001)	FL300,301	2				Murata
....4	10	271-183-0	FILTER SAW	RF_RX_SAW (SFD881LH001)	FL200	1				Samsung
....4	10	271-192-8???	FILTER SAW	RX_IF_CDMA (85SD15)	FL202	1				NDK
....4	10	271-191-7	FILTER SAW	RX_IF_AMPS (85SKY3)	FL201	1				NDK
....4	10	270-332-3	Ceramic Resonator	CSTCW2700MX03	X401	1				Murata
....4	10	263-454-2	RTC 32.768KHz	XTAL_MC146	X402	1				SeikoEpson
....4	10	221-507-5	ISOLATOR	CU452A1F-836.5-1T	IS300	1				TDK
....4	10	270-331-2	DUPLEXER	DFA0836G0881AR	DUP300	1				Samsung
....4	10	421-297-7	ANT CONNECTOR	MHC-183	CON101	1				KAE
....4	20	421-188-2	LCD_Conector	6239-016-001-800	CON402	1				
....4	10	420-848-0	Earmic Jack	AJ407-5-SMT	CON403	1				
....4	10	421-298-8	System Connector	AXR33202701	CON401	1				Mitsunami
....4	10	436-042-1	Vol_Switch	SKQTLAE010	SW403,404	2				

MX-1111_BOM

NO		Part Number	Parts	Description	Reference No.	QTY				REMARK
....4	20	420-127-2	Buzzer	SMT9503RP	BUZZER	1				
....4	10	Not Approved	PCB	*Blind via 1-4, 5-6, 6 layer		1				WUS