

<b>BILL OF MATERIALS</b>	<b>DRAWING NO. : I-106</b>	<b>Page: 1 of 2</b>
<b>TITLE: TM8B DUAL ECG MODULE</b>	<b>REVISION : A</b>	
<b>ASSEMBLY NO : I-106</b>	<b>DCN no.: N/A</b>	<b>Date: June 11, 2002</b>

ITEM	STOCK NO.	QTY	MANUFACTURER	MFG. PART NO.	DESCRIPTION	SYMBOL
1	1500-606	6	ROHM	MCH215C102KK	Cap,Ceramic,.001uF,5%,50V,X7R,0805	C13,C16,C19,C20,C30,C33
2	1500-609	1	ROHM	MCH215A101JK	Cap,Ceramic,100pF,5%,50V,NPO,0805	C18
3	1600-618	3	ROHM	MCH215F104ZP	Cap,Ceramic,.1uF,10%,50V,Y5V,0805	C15,C23,C25
4	1500-619	2	ROHM	MCH213F334ZP	Cap,Ceramic,.33uF,20%,16V,Y5V,0805	C31,C32
5	1500-620	1	ROHM	MCH215C562KK	Cap,Ceramic,.0056uF,10%,50V,X7R,0805	C29
6	1500-627	1	ROHM	MCH215C222KK	Cap,Ceramic,.0022uF,10%,50V,X7R,0805	C22
7	1500-634	2	ROHM	MCH313C224KP	Cap,Ceramic,.22uF,10%,16V,X&R,0805	C34,C35
8	1500-637	9	ROHM	MC215A470JK	Cap,Ceramic,47pF,5%,50V,NPO,0805	C2,C3,C7,C8,C9,C10,C14,C17,C26
9	1500-640	1	ROHM	MCH215C392KK	Cap,Ceramic,.0039uF,10%,50V,X7R,0805	C21
10	1500-667	2	Murata	GRM39X7R104K16	Cap,Ceramic,.1uF,10%,16V,X7R,0603	C5,C36
11	1500-674	1	Panasonic	ECJ-1VB0J105K	Cap,Ceramic,1uF,10%,6.3V,X5R,0603	C6
12	1500-677	3	Panasonic	ECJ-2YB0J225K	Cap,Ceramic,2.2uF,10%,6.3V,X5R,0805	C24,C37,C38
13	1500-691	4	Panasonic	ECJ-3YF1A106Z	Cap,Ceramic,10uF,+80/-20%,10V,Y5V,1206	C1,C4,C11,C12
14	1500-692	2	ROHM	MCH215C182KK	Cap,Ceramic,.0018uF,10%,50V,X7R,0805	C27,C28
15	1700-547	1		1700-547, Rev A	I-106 Bare Board	---
16	1800-149	1	Coilcraft	DS1608C-103	Inductor,Power,10uH,Shielded,Surface Mount	L1
17	2100-796	2	Samtec	SL-106-T-19	Connector,Receptacle,Straight,Single,6-Pos.	J1,J2
18	3130-604	3	T.I.	27M2ACD	I.C.,Op Amp,Dual,Low Voltage,Rail-Rail,SO-8	U4,U8,U13
19	3130-605	4	T.I.	TLC555CD	I.C.,Timer,CMOS,SO-8	U9,U10,U14,U15
20	3130-757	3	National	LMC6464BIM	I.C.,Op Amp,Quad,Low Voltage,Rail-Rail,SO-14	U3,U11,U12
21	3130-786	2	T.I.	INA321E/2.5K	I.C.,Instrumentation Amp,MSOP-8	U5,U6
22	3130-787	1	Philips	P87LPC762BDH	I.C.,Micro-Controller,TSSOP-20	U7
23	3130-791	1	Maxim	MAX8875EUK30-T	I.C.,Voltage Regulator,LDO,3.0V,1%,SOT23-5	U2
24	3130-792	1	Linear Tech	LTC3400ES6	I.C.,DC-DC Boost Converter,150mA,SOT23-6	U1
25	4700-740	5	Generic		Resistor,22k,1/2W,5%,2010	R3,R5,R6,R19,R20
26	4700-742	1	Generic		Resistor,340K,1/10W,1%,0805	R2
27	4700-745	2	Generic		Resistor,121K,1/10W,1%,0805	R48,R49
28	4700-747	2	Brel	CRS080556M+/-5%	Resistor,56M,1/8W,5%,0805	R75,R76
29	4700-751	2	Generic		Resistor,24.9K,1/10W,1%,0805	R67,R68
30	4700-793	5	Generic		Resistor,20.0K,1/10W,1%,0805	R61,R63,R65,R66,R72
31	4700-940	4	Generic		Resistor,20M,1/10W,5%,0805	R11,R12,R13,R14
32	4700-941	1	Generic		Resistor,47.5ohm,1/10W,1%,0805	R24
33	4700-943	3	Generic		Resistor,27.4K,1/10W,1%,0805	R23,R78,R83
34	4700-945	3	Generic		Resistor,47.5K,1/10W,1%,0805	R21,R59,R60
35	4700-946	9	Generic		Resistor,100K,1/10W,1%,0805	R51,R70,R71,R73,R77,R81,R82,R84,R85
36	4700-951	2	Generic		Resistor,68.1K,1/10W,1%,0805	R28,R31
36	4700-957	2	Generic		Resistor,10.0K,1/10W,1%,0805	R27,R54
37	4700-959	1	Generic		Resistor,1.00K,1/10W,1%,0805	R35
38	4700-963	1	Generic		Resistor,47.5K,1/10W,1%,0805	R52
39	4700-964	8	Generic		Resistor,33.2K,1/10W,1%,0805	R29,R33,R53,R64,R90,R91,R92,R93
40	4700-968	7	Generic		Resistor,1.0M,1/10W,1%,0805	R1,R22,R62,R69,R74,R88,R89
41	4700-972	1	Generic		Resistor,576K,1/10W,1%,0805	R4
42	4700-974	10	Generic		Resistor,150K,1/10W,1%,0805	R36,R42,R47,R55,R56,R58,R94,R95,R96,R97
43	4700-980	4	Generic		Resistor,22.1K,1/10W,1%,0805	R38,R40,R44,R46
44	4700-981	7	Generic		Resistor,56.2K,1/10W,1%,0805	R25,R30,R57,R79,R80,R86,R87
45	4700-982	4	Generic		Resistor,5.1M,1/10W,5%,0805	R9,R10,R15,R16
46	4700-986	4	Generic		Resistor,10M,1/10W,5%,0805	R7,R8,R17,R18



<b>BILL OF MATERIALS</b>					Page: 1 of 2
TITLE: MID POWER UHF TRANSMITTER			DRAWING NO. : M-102-2		
ASSEMBLY NO : M-102-2		REVISION : B	DCN no.:		Date: July 11, 2002

ITEM	STOCK NO.	QTY	MANUFACTURER	MFG. PART NO.	DESCRIPTION	SYMBOL
1	1500-649	2	MURATA	GRM39COG2R0C50	CAPACITOR,CERAMIC,NPO,2.0pF,50V,SMT 0603	C8,C17
2	1500-651	1	MURATA	GRM39COG5R6D50	CAPACITOR, CERAMIC, NPO,5.6pF,50V,SMT 0603	C27
3	1500-656	2	MURATA	GRM39COG270J50	CAPACITOR, CERAMIC, NPO,27pF,50V,SMT 0603	C25,C26
4	1500-657	9	MURATA	GRM39C0G680J50	CAPACITOR, CERAMIC, NPO,68pF,50V,SMT 0603	C3,C10,C11,C12,C13,C14,C22,C31,C39
5	1500-658	1	MURATA	GRM39COG101J50	CAPACITOR, CERAMIC, NPO,100pF,50V,SMT 0603	C37
6	1500-665	4	MURATA	GRM39X7R103K50	CAPACITOR, CERAMIC, X7R,.01uF,50V,SMT 0603	C2,C20,C29,C33
7	1500-667	1	MURATA	GRM39X7R104K16	CAPACITOR,CERAMIC,X7R,.1uF,16V,SMT 0603	C38
8	1500-668	3	MURATA	GRM39COG3R3C50	CAPACITOR,CERAMIC,NPO,3.3pF,50V,SMT 0603	C1,C5,C24
9	1500-670	4	MURATA	GRM39COG6R0C50	CAPACITOR,CERAMIC,NPO,6.0pF,50V,SMT 0603	C7,C15,C16,L9
10	1500-671	1	MURATA	GRM39COG8R2J50	CAPACITOR,CERAMIC,NPO,8.2pF,50V,SMT 0603	C9
11	1500-672	1	MURATA	GRM39X7R821K50	CAPACITOR, CERAMIC, X7R,820pF,50V,SMT 0603	C23
12	1500-674	3	PANASONIC	ECJ-1VB0J105K	CAPACITOR,CERAMIC,1uF,6.3V,10%,X5R 0603	C30,C32,C40
13	1500-675	2	MURATA	GRM39X7R683K25	CAPACITOR, CERAMIC, X7R,.068uF,25V,SMT 0603	C36,C42
14	1500-676	1	MURATA	GRM39X7R332K50	CAPACITOR, CERAMIC, X7R,.0033uF,50V,SMT 0603	C41
15	1500-677	5	PANASONIC	ECJ-2YB0J225K	CAPACITOR,CERAMIC,2.2uF,6.3V,10%,X5R,0603	C4,C18,C19,C21,C34
16	1500-679	1	MURATA	GRM39X7R224K10	CAPACITOR, CERAMIC, X7R,.22uF,10V,SMT 0603	C35
17	1500-680	1	MURATA	GRM39COG3R0C50	CAPACITOR,CERAMIC,NPO,3.0pF,50V,SMT 0603	C43
18	1500-695	1	SPRAGUE	GKP10066	CAPACITOR,VARIABLE,3-10pF,100V,SMT 4mm	C28
19	1700-546	1	STS	1700-546, Rev B	BARE BOARD	
20	1800-132	1	TOKO	LL1608-FH15NJ	INDUCTOR,CERAMIC,15nH,5%,Hi-Q,SMT 0603	L7
22	1800-133	2	TOKO	LL1608-FH18NJ	INDUCTOR,CERAMIC,18nH,5%,Hi-Q,SMT 0603	L3, L5
23	1800-141	1	OKO	LL1608-FH12NJ	INDUCTOR,CERAMIC,12nH,5%,Hi-Q,SMT 0603	L1
24	1800-142	1	COILCRAFT	1606-9G	INDUCTOR,AIR CORE,9.85nH,Hi-Q,SMT	L2
25	1800-143	1	TOKO	LL1608-FH1N2S	INDUCTOR,CERAMIC,1.2nH,5%,Hi-Q,SMT 0603	L4
26	1800-145	1	TOKO	LL1608-FH101NJ	INDUCTOR,CERAMIC,100nH,5%,Hi-Q,SMT 0603	L6
27	1800-148	1	TOKO	LL1608-FH33NJ	INDUCTOR,CERAMIC,33nH,5%,Hi-Q,SMT 0603	L10
28	2100-795	2	SAMTEC	BBL-106-G-E	CONNECTOR,HEADER,6-POS.,SINGLE ROW	JP1,JP2
29	2300-721	1	FREQUENCY MGMT	FMXMCS118XXJ-12.800M	CRYSTAL,12.8MHz,18pF LOAD CAPACITANCE, TOL..10ppm TEMP. TOL..5x7 CERAMIC SMD	Y1
30	3130-788	1	NATIONAL	LMV924MT	I.C.,QUAD OP AMP,WIDEBAND,SO14	U1
31	3130-789	1	FUJITSU	MB15E03SL	I.C.,SYNTHESIZER,W/1.2GHz PRESCALER	U2
32	3130-790	1	MAXIM	MAX8875EUK27	I.C.,REGULATOR,2.7V,SOT-23-5	U3
33	4525-005	1	LEADER TECH	14R-CBSA-.75x1x.13	RF SHIELD	
34	4700-730	1		GENERIC	RESISTOR,432ohm,1%,1/16W,SMT 0603	R5
35	4700-731	1		GENERIC	RESISTOR,1.62K,1%,1/16W,SMT 0603	R9
36	4700-732	1		GENERIC	RESISTOR,3.32K,1%,1/16W,SMT 0603	R10

