

TOTAL SHEETS- 15

USED ON
MODEL-

MMX-2B
BMA533

FOR

MODEL A4506-1
TITLE STEP GEN C

LAST SYMBOLS

C156 CR6
L40 Q20
R133 T25
Y1

CONSISTS OF
SUPPORTING LISTS

MISSING SYMBOLS

C74

REVISIONS

REV.	SHEET(S)	DATE	APPR.
A	21835	4-7-81	
B	21958	6-15-82	

COMPILED las

CHECKED _____

KEY PUNCHED _____

ENGINEERING JOB ORDER

E -

§ FOR SPECIAL NOTES,
REFER TO S1200.

MATERIAL LIST

REV. A

USED ON A4506-1

SHEET 3 OF 15

PART NUMBER	DESCRIPTION	USED ON	QTY.	QTY. PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200
CI136-6	COR TUN	A4506-1	1	55*	C54	
			1		C57	
			1		C58	
			1		C65	
			1		C66	
			1		C67	
			1		C69	
			1		C71	
			1		C72	
			1		C73	
			1		C76	
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			1		C78	
			1		C79	
			1		C80	
			1		C82	
			1		C83	
			1		C84	
			1		C85	
			1		C88	
			1		C89	
			1		C90	
			1		C91	
			1		C155	
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MATERIAL LIST

REV. B

USED ON A4506-1

SHEET 1 OF 15

PART NUMBER	DESCRIPTION	USED ON	QTY.	QTY. PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200
CC100-29	CAP, FXD, CER .001 uf	A4506-1	1		C2	
			1		C30	
			1		C59	
			1		C92	
			1		C93	
			1		C94	
			1		C95	
			1		C96	
			1		C98	
			1		C102	
			1		C103	
			1		C104	
			1		C108	
			1		C109	
			1		C110	
			1		C111	
			1		C113	
			1		C116	
			1		C117	
			1		C118	
			1		C122	
			1		C123	
			1		C124	
			1		C126	
			1		C127	
			1		C128	
			1		C132	
			1		C133	
			1		C134	
	1		C135			
	1		C139			
	1		C140			
	1		C141			
	1		C142			
	1		C146			
	1	A4506-1	C147			

MATERIAL LIST

REV. B

USED ON A4506-1

SHEET 2 OF 15

PART NUMBER	DESCRIPTION	USED ON	QTY.	QTY. PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S 1200
<p>CC131-39 CC100-30</p>	<p>CAP, FXD, CER CAP, FXD, CER</p>	A4506-1	1		C148	
		↑	1		C150	
			1		C151	
			1		C152	
			1		C153	
			1		C156	
			1		C7	
			1		C8	
			1		C9	
			1		C11	
			1		C13	
			1		C14	
			1		C15	
			1		C17	
			1		C18	
			1		C19	
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			1		C29	
			1		C36	
			1		C37	
			1		C38	
			1		C40	
			1		C42	
	1		C43			
	1		C44			
	1		C46			
	1		C47			
	1		C48			
	1		C49			
	1		C50			
	1		C52			
	1		C53			
	1	↓				
		A4506-1				

MATERIAL LIST

REV. A

USED ON A4506-1

SHEET 4 OF 15

PART NUMBER	DESCRIPTION	USED ON	QTY.	QTY. PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200
CK1325	DIAG, SCHEM	TT287-9	1			
		TT287-9	1	14*		
		A4506-1	1	1*		
CL275-OR82	COIL, RF, FXD	A4506-1	1		L3	
		↑	1		L4	
			1		L5	
			1		L6	
			1		L7	
			1		L9	
			1		L12	
			1		L13	
			1		L14	
			1		L15	
			1		L16	
			1		L18	
			1		L21	
			1		L22	
			1		L23	
			1		L24	
			1		L25	
			1		L27	
		↓	1		L28	
		A4506-1	1	19*		
CL275-2R2	COIL, RF, FXD	A4506-1	1	1*	L41	
CL275-120	COIL, RF, FXD	A4506-1	1	1*	L31	
CL275-121	COIL, RF, FXD	A4506-1	1		L29	
		↑	1		L30	
			1		L32	
			1		L33	
			1		L34	
			1		L35	
			1		L36	
		↓	1		L37	
		A4506-1	1			

MATERIAL LIST

REV. A

USED ON A4506-1

SHEET 5 OF 15

PART NUMBER	DESCRIPTION	USED ON	QTY.	QTY. PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200
		A4506-1	1		L38	
		A4506-1	1		L39	
		A4506-1	1	11*	L40	
CL412-36	COIL, RF, FXD	A4506-1	1		L2	
		A4506-1	1		L10	
		A4506-1	1	3*	L19	
CL412-37	COIL, RF, FXD	A4506-1	1		L11	
		A4506-1	1	2*	L20	
CL412-38	COIL, RF, FXD	A4506-1	1	1*	L8	
CL412-39	COIL, RF, FXD	A4506-1	1	1*	L17	
CL412-40	COIL, RF, FXD	A4506-1	1	1*	L26	
CL412-41	COIL, RF, FXD	A4506-1	1	1*	L1	
CM111C050D5S	CAP, FXD, MICA	A4506-1	1		C106	
		↑	1		C115	
		↑	1		C120	
		↑	1		C130	
		↑	1		C137	
		↑	1		C145	
		↓	1	7*	C154	
CM111C100J5S	CAP, FXD, MICA	A4506-1	1		C27	
		↑	1		C32	
		↑	1		C55	
		↑	1		C61	
		↓	1	5*	C86	
CM111C180J5S	CAP, FXD, MICA	A4506-1	1	1*	C3	
CM111E101F5S	CAP, FXD, MICA	A4506-1	1	1*	C1	

MATERIAL LIST

REV. A

USED ON A4506-1

SHEET 6 OF 15

PART NUMBER	DESCRIPTION	USED ON	QTY.	QTY. PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200
CM111E270J5S	CAP, FXD, MICA	A4506-1 A4506-1 A4506-1	1 1 1	3*	C5 C34 C63	
CM111E360J5S	CAP, FXD, MICA	A4506-1 ↕ A4506-1	1 1 1 1 1	5*	C12 C41 C70 C125 C149	
CM111E750J5S	CAP, FXD, MICA	A4506-1 A4506-1	1 1	2*	C35 C64	
CM111E820F5S	CAP, FXD, MICA	A4506-1 A4506-1	1 1	2*	C31 C60	
CM111F111J5S	CAP, FXD, MICA	A4506-1 A4506-1	1 1	2*	C33 C62	
CM111F131J5S	CAP, FXD, MICA	A4506-1	1	1*	C4	
CM111F181G5S	CAP, FXD, MICA	A4506-1	1	1*	C97	
CM111F621D5S	CAP, FXD, MICA	A4506-1 A4506-1	1 1	2*	C99 C100	
CM111F910J5S	CAP, FXD, MICA	A4506-1 ↕ A4506-1	1 1 1 1 1 1 1 1 1 1		C6 C105 C107 C112 C114 C119 C121 C129 C131 C136	

MATERIAL LIST

REV. A

USED ON A4506-1

SHEET 7

OF 15

PART NUMBER	DESCRIPTION	USED ON	QTY.	QTY. PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200
		A4506-1	1		C138	
		A4506-1	1		C143	
		A4506-1	1	13*	C144	
CR109-124	CU, QTZ 12 MHZ	A4506-1	1	1*	Y1	
CV112-1	CAP, VAR, CER	A4506-1	1		C28	
		A4506-1	1		C56	
		A4506-1	1	3*	C87	
CV112-2	CAP, VAR, CER	A4506-1	1	1*	C101	
CV112-3	CAP, VAR, CER	A4506-1	1		C10	
			1		C16	
			1		C22	
			1		C39	
			1		C45	
			1		C51	
			1		C68	
			1		C75	
		A4506-1	1	9*	C81	
CV112-6	CAP, VAR, CER	A4506-1	1	1*	C157	
DD139	SCOND DEV, DIO	A4506-1	1		CR1	
		A4506-1	1	2*	CR2	
GL104-2	INS VAR, EL	TZ215-10				
		TZ215-6				
		TZ215-8				
		TZ215-11		*		
HD109	HEAT SINK	A4506-1	1	1*		
MS6004	STIFF.	A4506-1	1	1*		

MATERIAL LIST

REV. *A*

USED ON A4506-1

SHEET 8 OF 15







PART NUMBER	DESCRIPTION	USED ON	QTY.	QTY. PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200
PC324	PC BOARD	A4506-1	1	1*		
RC07GF100J	RES, FXD, COMP	A4506-1	1	1*	R76	
RC07GF101J	RES, FXD, COMP	A4506-1	1		R87	
		↕	1		R88	
		↕	1		R128	
		↕	1		R129	
		↕	1		R130	
		↕	1	6*	R131	
RC07GF102J	RES, FXD, COMP	A4506-1	1		R2	
		↕	1		R8	
		↕	1		R14	
		↕	1		R26	
		↕	1		R32	
		↕	1		R38	
		↕	1		R50	
		↕	1		R56	
		↕	1		R62	
		↕	1		R68	
		↕	1		R79	
		↕	1		R89	
		↕	1		R95	
		↕	1		R107	
		↕	1	15*	R112	
RC07GF106J	RES, FXD, COMP	CL412-36	1			
		CL412-37	1			
		CL412-41	1	*		
RC07GF121J	RES, FXD, COMP	A4506-1	1		R100	
		A4505-1	1		R85	
		A4506-1	1	3*	R117	

MATERIAL LIST

REV. *A*

USED ON A4506-1

SHEET 9 OF 15







PART NUMBER	DESCRIPTION	USED ON	QTY.	QTY. PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200
RC07GF122J	RES, FXD, COMP	A4506-1   A4506-1	1 1 1 1 1 1 1	6*	R92 R98 R103 R115 R120 R124	
RC07GF150J	RES, FXD, COMP	A4506-1 A4506-1	1 1	2*	R93 R110	
RC07GF152J	RES, FXD, COMP	A4506-1 A4506-1	1 1	2*	R44 R20	
RC07GF153J	RES, FXD, COMP	A4506-1	1	1*	R74	
RC07GF180J	RES, FXD, COMP	A4506-1   A4506-1	1 1 1 1 1 1 1 1	7*	R23 R29 R47 R53 R71 R86 R5	
RC07GF181J	RES, FXD COMP	A4506-1   A4506-1	1 1 1 1 1 1 1	7*	R24 R48 R72 R94 R106 R111 R123	
RC07GF220J	RES, FXD, COMP	A4506-1 A4506-1	1 1	2*	R99 R116	

MATERIAL LIST

REV. A

USED ON A4506-1

SHEET 10 OF 15

PART NUMBER	DESCRIPTION	USED ON	QTY.	QTY. PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200
RC07GF221J	RES, FXD, COMP	A4506-1   A4506-1	1 1 1 1 1 1 1 1 1 1	9*	R6 R12 R18 R30 R36 R42 R54 R60 R66	
RC07GF222J	RES, FXD, COMP	A4506-1 A4506-1 A4506-1	1 1 1	3*	R4 R28 R52	
RC07GF270J	RES, FXD, COMP	A4506-1 A4506-1	1 1	2*	R105 R122	
RC07GF271J	RES, FXD, COMP	A4506-1   A4506-1	1 1 1 1 1 1 1 1 1 1 1 1	11*	R10 R16 R22 R34 R40 R46 R58 R64 R70 R75 R77	
RC07GF331J	RES, FXD, COMP	A4506-1   A4506-1	1 1 1 1 1 1 1	7*	R104 R81 R91 R97 R109 R114 R121	

MATERIAL LIST

REV. A

USED ON A4506-1

SHEET 11 OF 15

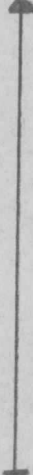
PART NUMBER	DESCRIPTION	USED ON	QTY.	QTY. PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200
RC07GF332J	RES, FXD, COMP	A4506-1	1	1*	R73	
RC07GF470J	RES, FXD, COMP	A4506-1	1		R11	
		↑	1		R13	
		1	1		R17	
		1	1		R19	
		1	1		R35	
		1	1		R37	
		1	1		R41	
		1	1		R43	
		1	1		R59	
		1	1		R132	
		1	1		R133	
		1	1		R61	
		1	1		R65	
		1	1		R67	
		1	1		R82	
		↓	1		R127	
		RC07GF473J	RES, FXD, COMP		A4506-1	1
↓	1			R101		
1	1			R118		
RC07GF560J	RES, FXD, COMP	A4506-1	1		R1	
		↓	1		R25	
RC07GF680J	RES, FXD, COMP	A4506-1	1		R49	
		↓	1		R7	
		1	1		R31	
RC07GF680J	RES, FXD, COMP	A4506-1	1		R55	
		↓	1		R83	
		1	1			

MATERIAL LIST

REV. A

USED ON A4506-1

SHEET 12 OF 15

PART NUMBER	DESCRIPTION	USED ON	QTY.	QTY. PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200
RC07GF822J	RES, FXD, COMP	A4506-1  A4506-1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	17*	R3 R9 R15 R21 R27 R33 R39 R45 R51 R57 R63 R69 R80 R90 R96 R108 R113	
RC07GF103J	RES, FXD, COMP	A4506-1 A4506-1	1 1	2*	R125 R126	
RC20GF103J	RES, FXD, COMP	TZ215-11	1	1*		
RC20GF226J	RES, FXD, COMP	CL412-42	1	1*		
RC20GF471J	RES, FXD, COMP	CL412-38 CL412-39 CL412-40	1 1 1	*		
RC20GF821J	RES, FXD, COMP	TZ215-10 TZ215-6 TZ215-8	3 3 3	9*		
RG188/U	CBL, RF	A4506-1		*		
RV124-1-101	RES, VAR, COMP	A4506-1	1	1*	R78	

MATERIAL LIST

REV. A

USED ON A4506-1

SHEET 13 OF 15

PART NUMBER	DESCRIPTION	USED ON	QTY.	QTY. PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200
RV124-501	RES, VAR COMP	A4506-1	1	1*	R84	
TT287-10	XFMR, RF, ADJ	A4506-1	1		T14	
		↑	1		T16	
		↓	1		T21	
		A4506-1	1	4*	T23	
TT287-12	XFMR, RF, ADJ	A4506-1	1		T13	
		↑	1		T15	
		↓	1		T24	
		↑	1		T17	
		↓	1		T20	
		A4506-1	1	6*	T22	
TT287-19	XFMR, RF, ADJ	A4506-1	1	1*	T11	
TT287-21	XFMR, RF, ADJ	A4506-1	1		T18	
		A4506-1	1	2*	T25	
TT287-9	XFMR, RF, ADJ	A4506-1	1		T12	
		A4506-1	1	2*	T19	
TZ215-10	XFMR, RF, FXD	A4506-1	1		T7	
		A4506-1	1		T8	
		A4506-1	1	3*	T9	
TZ215-11	XFMR, RF, FXD	A4506-1	1	1*	T10	
TZ215-6	XFMR, RF, FXD	A4506-1	1		T1	
		A4506-1	1		T2	
		A4506-1	1	3*	T3	
TZ215-8	XFMR, RF, FXD	A4506-1	1		T4	
		A4506-1	1		T5	
		A4506-1	1	3*	T6	

MATERIAL LIST

REV. A

USED ON A4506-1

SHEET 14

OF 15

PART NUMBER	DESCRIPTION	USED ON	QTY.	QTY. PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200
WI141-24-2	WIRE, EL, MAG, T	CL412-42	1	*		
WI141-26-2	WIRE, EL, MAG, T	CL412-38 CL412-39 CL412-40 TZ215-10 TZ215-6 TZ215-8 TZ215-11				
WI141-32SP	WIRE, EL, MAG, T	CL412-36 CL412-37 CL412-41		*		
1N627	SCOND DEV, DIO	A4506-1 A4506-1	1 1	2*	CR3 CR4	
1N914	SCOND DEV, DIO	A4506-1 A4506-1	1 1	2*	CR5 CR6	
2N3646	TRANSISTOR	A4506-1 ↑ ↓ A4506-1	1 1 1 1 1 1 1	7*	Q14 Q15 Q16 Q17 Q18 Q19 Q20	
2N5179	TRANSISTOR	A4506-1 ↑ ↓ A4506-1	1 1 1 1 1 1 1 1 1		Q1 Q2 Q3 Q4 Q5 Q6 Q7 Q8 Q9	

MATERIAL LIST

REV. *B*

USED ON A4506-1

SHEET 15 OF 15

PART NUMBER	DESCRIPTION	USED ON	QTY.	QTY. PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200
<p>4/7/81 REV. A</p> <p>6/15/82 REV B</p>	<p>EMN. 21835</p> <p>EMN 21958</p>	<p>A4506-1</p> <p>↕</p> <p>A4506-1</p>	<p>1</p> <p>1</p> <p>1</p> <p>1</p>	<p>13*</p>	<p>Q10</p> <p>Q11</p> <p>Q12</p> <p>Q13</p>	