

REVISIONS

USED ON
MODEL-

MMX-2B
BMA533

FOR

MODEL A4505-1

TITLE TRANSLATOR

REV.	SHEET(S)	DATE	APPR.
A	21835	4/ 3/81	
B	21936	4-15-82	
C	21958	6-15-82	

CONSISTS OF
SUPPORTING LISTS

A4600

LAST SYMBOLS

C121 TP9
CR11 L35
Q19 R121
T23

COMPILED las

CHECKED _____

KEY PUNCHED _____

MISSING SYMBOLS

C40
C41
R70

CR1 C16 THRU C38

CR2

NOTE: REFER TO NPL A4600

ENGINEERING JOB ORDER

E -

§ FOR SPECIAL NOTES,
REFER TO S1200.

MATERIAL LIST

REV. B

USED ON A4505-1

SHEET 1 OF 13

PART NUMBER	DESCRIPTION	USED ON	QTY.	QTY. PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200
A4600	TRANS/GEN	A4505-1	1	1*		1
BX222	SHLD, RF, GEN	A4505-1	1	1*		
BX223	SHLD, RF, GEN	A4505-1	1	1*		
BX224	SHLD, RF, GEN	A4505-1	1	1*		
CC100-11	CAP, FXD, CER 2200 pf	A4505-1	1	1*	C68	
CM111F471J5S	CAP, FXD, CER	A4505-1	1		C4	
		↕	1		C8	
		↕	1		C71	
		A4505-1	1	4*	C77	
CC100-29	CAP, FXD, CER .001 uf	A4505-1	1		C1	
		↑	1		C3	
			1		C5	
			1		C6	
			1		C7	
			1		C50	
			1		C11	
			1		C12	
			1		C13	
			1		C78	
			1		C79	
			1		C80	
			1		C82	
			1		C90	
			1		C91	
			1		C95	
			1		C96	
			1		C101	
			1		C102	
		A4505-1	1		C103	

MATERIAL LIST

REV. **B**

USED ON A4505-1

SHEET 2 OF 13

PART NUMBER	DESCRIPTION	USED ON	QTY.	QTY. PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200
CC100-30	CAP, FXD, CER 100 pf	A4505-1	1	29*	C104	
		↑	1		C105	
		↑	1		C106	
		↑	1		C110	
		↑	1		C111	
		↑	1		C112	
		↑	1		C113	
		↑	1		C115	
		↑	1		C116	
		↓	1		C38	
		↓	1		C44	
		↓	1		C46	
		↓	1		C49	
		↓	1		C52	
		↓	1		C55	
↓	1	C56				
↓	1	C58				
↓	1	C61				
↓	1	C62				
↓	1	C117				
↓	1	C119				
CC100-33	CAP, FXD, CER	A4505-1	1	2*	C15	
		A4505-1	1		C67	
CC100-40	CAP, FXD, CER	A4505-1	1	3*	C66	
		A4505-1	1		C69	
		A4505-1	1		C84	
CC100-41	CAP, FXD, ELECT. .01 uf	A4505-1	1	2*	C120	
		A4505-1	1		C121	
CE105-10-25	CAP, FXD, ELECT.	A4505-1	1	1	C118	

MATERIAL LIST

REV. A

USED ON A4505-1

SHEET 3 OF 13

PART NUMBER	DESCRIPTION	USED ON	QTY.	QTY. PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200
CI115	CORE, TOROID	TZ220	1	1*		
CI136-6	CORE, ADJ TUN.	TT285-10	1			
		TT285-10	1			
		TT285-4	1	3*		
CK1324	DIAG, SCHEM	A4505-1	1	1*		
CL275-0R39	COIL, RF, FXD	A4505-1	1	1*	L17	
CL275-0R82	COIL, RF, FXD	A4505-1	1	1*	L19	
CL275-1R0	COIL, RF, FXD	A4505-1	1		L10	
		↕	1		L11	
			1		L12	
			1		L13	
			1		L16	
		A4505-1	1	6*	L18	
CL275-121	COIL, RF, FXD	A4505-1	1		L20	
		↕	1		L21	
			1		L22	
			1		L25	
			1		L26	
			1		L31	
			1		L32	
			1		L33	
			1		L34	
		A4505-1	1	10*	L35	
CL275-220	COIL, RF, FXD	A4505-1	1		L15	
		A4505-1	1		L29	
		A4505-1	1	3*	L30	

MATERIAL LIST

REV. A

USED ON A4505-1

SHEET 4 OF 13

PART NUMBER	DESCRIPTION	USED ON	QTY.	QTY. PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200
CL275-8R2	COIL, RF, FXD	A4505-1 ↑ ↓ A4505-1	1 1 1 1 1	5*	L1 L2 L3 L27 L28	
CL412-23	COIL, RF, FXD	A4505-1	1	1*	L14	
CL412-24	COIL, RF, FXD	A4505-1	1	1*	L23	
CL412-25	COIL, RF, FXD	A4505-1	1	1*	L24	
CM111C050D5S	CAP, FXD, MICA	A4505-1 ↑ ↓ A4505-1	1 1 1 1	4*	C88 C94 C99 C109	
CM111C180J5S	CAP, FXD, MICA	A4505-1 A4505-1 A4505-1	1 1 1	3*	C2 C9 C14	
CM111C220J5S	CAP, FXD, MICA	A4505-1 A4505-1	1 1	2*	C10 C63	
CM111E330G5S	CAP, FXD, MICA	A4505-1	1	1*	C65	
CM111E470G5S	CAP, FXD, MICA	A4505-1 A4505-1 A4505-1	1 1 1	3*	C43 C47 C53	
CM111E510G5S	CAP, FXD, MICA	A4505-1 ↑ ↓ A4505-1	1 1 1 1	4*	C39 C45 C51 C57	

MATERIAL LIST

REV. *A*

USED ON A4505-1

SHEET 5 OF 13

PART NUMBER	DESCRIPTION	USED ON	QTY.	QTY. PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200
CM111E680F5S	CAP, FXD, MICA	A4505-1	1	1*	C64	
CM111E750J5S	CAP, FXD, MICA	A4505-1	1	1*	C59	
CM111F101G5S	CAP, FXD, MICA	A4505-1	1		C73	
		A4505-1	1	2*	C70	
CM111F111J5S	CAP, FXD, MICA	A4505-1	1		C87	
		↑	1		C89	
			1		C92	
			1		C93	
			1		C97	
			1		C98	
			1		C100	
			1		C107	
			1		C108	
		↓	1	10*	C114	
CM111F131G5S	CAP, FXD, MICA	A4505-1	1	1*	C81	
CM111F361G5S	CAP, FXD, MICA	A4505-1	1		C76	
		A4505-1	1	2*	C75	
CM111F391F5S	CAP, FXD, MICA	A4505-1	1		C83	
		A4505-1	1	2*	C86	
CM111F511G5S	CAP, FXD, MICA	A4505-1	1	1*	C72	
CM111F561F5S	CAP, FXD, MICA	A4505-1	1	1*	C74	
CM111F751G5S	CAP, FXD, MICA	A4505-1	1	1*	C85	
CV112-2	CAP, VAR, CER	A4505-1	1	1*	C60	

MATERIAL LIST

REV. A

USED ON A4505-1

SHEET 6 OF 13

PART NUMBER	DESCRIPTION	USED ON	QTY.	QTY. PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200
CV112-4	CAP, VAR, CER	A4505-1 A4505-1 A4505-1	1 1 1	3*	C42 C48 C54	
DD137	SCOND DEV, DIO	A4505-1	1	1*	CR3	
DD138	SCOND DEV, DIO	A4505-1 A4505-1	1 1	1*	CR4 CR5	
FW101-1	WASH. NM, N	A4505-1	1	1*		
GL102	ADHESIVE-Q-MAX	CL412-23 CL412-24 CL412-25 TT285-10 TT285-2 TT285-4 TZ215-1		*		
GL103	ADHESIVE-N-CEL	TT285-10 TT285-2 TT285-4		*		
GL104-2	INSG VARN, EL	TZ220		*		
GL129	ADHESIVE	TT285-10 TT285-2 TT285-4		*		
MS5395	STIFF.	A4505-1	1	1*		
NT137-0440	NUT, PLN, HEX, N	A4505-1	1	1*		
PC323	PC BOARD	A4505-1	1	1*		

MATERIAL LIST

REV. *A*

USED ON A4505-1

SHEET 7 OF 13

PART NUMBER	DESCRIPTION	USED ON	QTY.	QTY. PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200
PX370-8-7	INS SLVG-TEF	CL412-23	1	1*		
RC07GF101J	RES, FXD, COMP	A4505-1	1		R69	
		↑	1		R5	
		↓	1		R11	
		↓	1		R17	
		↓	1		R39	
		↓	1	6*	R59	
RC07GF102J	RES, FXD, COMP	A4505-1	1		R7	
		↑	1		R13	
		↑	1		R18	
		↑	1		R38	
		↑	1		R43	
		↑	1		R49	
		↑	1		R54	
		↑	1		R77	
		↑	1		R82	
		↓	1	10*	R102	
RC07GF103J	RES, FXD, COMP	A4505-1	1		R86	
		A4505-1	1		R95	
		A4505-1	1	3*	R107	
RC07GF104J	RES, FXD, COMP	A4505-1	1		R3	
		↑	1		R10	
		↑	1		R16	
		↑	1		R67	
		↑	1		R80'	
		↓	1	6*	R99	
RC07GF121J	RES, FXD, COMP	A4505-1	1		R57	
		A4505-1	1		R72	
		A4505-1	1	3*	R114	

MATERIAL LIST

REV. *A*

USED ON A4505-1

SHEET 8 OF 13







PART NUMBER	DESCRIPTION	USED ON	QTY.	QTY. PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200
RC07GF151J	RES, FXD, COMP	A4505-1 A4505-1 A4505-1 A4505-1	1 1 1 1	4*	R44 R50 R55 R62	
RC07GF220J	RES, FXD, COMP	A4505-1 A4505-1	1 1	2*	R79 R100	
RC07GF221J	RES, FXD, COMP	A4505-1 ↕ ↕ ↕ A4505-1	1 1 1 1 1	5*	R52 R73 R75 R119 R68	
RC07GF223J	RES, FXD, COMP	A4505-1 ↕ ↕ A4505-1	1 1 1 1	4*	R76 R84 R98 R105	
RC07GF224J	RES, FXD, COMP	A4505-1	1	1*	R93	
RC07GF273J	RES, FXD, COMP	A4505-1 A4505-1	1 1	2*	R78 R101	
RC07GF330J	RES, FXD, COMP	A4505-1 A4505-1 A4505-1	1 1 1	3*	R4 R9 R15	
RC07GF331J	RES, FXD, COMP	A4505-1	1	1*	R47	
RC07GF332J	RES, FXD, COMP	A4505-1	1	1*	R60	
RC07GF334J	RES, FXD, COMP	A4505-1	1	1*	R92	
RC07GF390J	RES, FXD, COMP	A4505-1 A4505-1	1 1	2*	R41 R56	

MATERIAL LIST

REV. *A*

USED ON A4505-1

SHEET 9 OF 13

PART NUMBER	DESCRIPTION	USED ON	QTY.	QTY. PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200
RC07GF470J	RES, FXD, COMP	A4505-1   A4505-1	1 1 1 1 1 1 1 1 1 1 1 1 1 1	13*	R45 R112 R113 R118 R1 R6 R12 R58 R64 R65 R81 R88 R103	
RC07GF471J	RES, FXD, COMP	A4505-11   A4505-1	1 1 1 1	4*	R74 R83 R94 R104	
RC07GF472J	RES, FXD, COMP	A4505-1 A4505-1	1 1	2*	R96 R53	
RC07GF473J	RES, FXD, COMP	A4505-1   A4505-1	1 1 1 1 1 1	6*	R2 R8 R14 R66 R87 R108	
RC07GF561J	RES, FXD, COMP	A4505-1	1	1*	R42	
RC07GF562J	RES, FXD, COMP	A4505-1	1	1*	R48	
RC07GF563J	RES, FXD, COMP	A4505-1 A4505-1 A4505-1	1 1 1	3*	R85 R106 R121	

MATERIAL LIST

REV. *A*

USED ON A4505-1

SHEET 10 OF 13



PART NUMBER	DESCRIPTION	USED ON	QTY.	QTY. PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200
RC07GF682J	RES, FXD, COMP	A4505-1	1	1*	R46	
RC07GF683J	RES, FXD, COMP	A4505-1	1		R90	
		A4505-1	1	2*	R111	
RC07GF8R2J	RES, FXD, COMP	A4505-1	1	1*	R63	
RC07GF820J	RES, FXD, COMP	A4505-1	1	1*	R120	
RC07GF821J	RES, FXD, COMP	A4505-1	1		R89	
		A4505-1	1	2*	R110	
RC07GF822J	RES, FXD, COMP	A4505-1	1		R37	
		A4505-1	1	2*	R61	
RC07GF824J	RES, FXD, COMP	A4505-1	1	1*	R91	
RC20GF183J	RES, FXD, COMP	TZ215-1	1	1*		
RC20GF226J	RES, FXD, COMP	CL412-24	1			
		CL412-25	1	2*		
RG188/U	CBL, RF	A4505-1	8	8*		
RV124-1-101	RES, VAR, COMP	A4505-1	1	1*	R109	
RV124-1-501	RES, VAR, COMP	A4505-1	1		R51	
		A4505-1	1	2*	R71	
RV124-202	RES, VAR, COMP	A4505-1	1	1*	R97	
SC143-0440B8W	SCR, MACH-NYLON	A4505-1	1	1*		

MATERIAL LIST

REV. *A*

USED ON A4505-1

SHEET 11 OF 13

PART NUMBER	DESCRIPTION	USED ON	QTY.	QTY. PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200
TE0127-2	TERM., LUG	PC3241  PC324	1 1 1 1 1 1 1 1 1 1	9*	TP1 TP2 TP3 TP4 TP5 TP6 TP7 TP8 TP9	
TF)228U13	XFMR, PULSE	A4505-1	1	1*	T14	
TT285-10	XFMR, RF, ADJ	A4505-1 A4505-1 A4505-1	1 1 1	3*	T1 T2 T3	
TT285-2	XFMR, RF, ADJ	A4505-1  A4505-1	1 1 1 1 1 1 1 1 1 1 1 1 1	10*	T13 T19 T15 T16 T17 T20 T18 T21 T22 T23	
TT285-4	XFMR, RF, ADJ	A4505-1	1	1*	T12	
TZ215-1	XFMR, RF, FXD	A4505-1 A4505-1 A4505-1	1 1 1	3*	T8 T9 T10	
TZ220	XFMR, RF, FXD	A4505-1	1	1*	T11	

MATERIAL LIST

REV. **A**

USED ON A4505-1

SHEET 12 OF 13

PART NUMBER	DESCRIPTION	USED ON	QTY.	QTY. PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S1200
WI122=26SP	WIRE, EL, MAG, T	TT285-10 TT285-2 TT285-4		*		
WI141-24	WIRE, EL, MAG, T	TZ215-1		*		
WI141-24SP	WIRE, EL, MAG, T	CL412-23		*		
WI141-30SP	WIRE, EL, MAG, T	CL412-24 CL412-25		*		
WI141-32-9SP	WIRE, EL, MAG, T	TT285-2 TT285-4		*		
WI285-9-2	WIRE, EL, MAG, EC	TZ220		*		
1N4864	SCOND DEV, DIO	A4505-1 A4505-1	1 1	2*	CR8 CR9	
1N914	SCOND DEV, DIO	A4505-1 A4505-1 A4505-1	1 1 1	3*	CR6 CR7 CR10	
1N36A	SCOND, DEV, DIO	A4505-1	1	1*	CR11	
2N3646	TRANSISTOR	A4505-1	1		Q1	
		↑	1		Q2	
		↑	1		Q3	
		↑	1		Q12	
		↑	1		Q13	
		↑	1		Q14	
		↑	1		Q15	
		↑	1		Q16	
		↑	1		Q17	
		↑	1		Q18	
		↑	1		Q19	
		↓	1	11*		
		A4505-1				

