

# MATERIAL LIST

TOTAL SHEETS 15

FOR

REVISION G 5ht. 9 8/16/72 E  
H 10/20/72 EP  
I 6-7-73 CL  
J 3-8-78 K.M.  
K 3-12-81 L.S.

TMC MODEL - A-4506

TITLE- STEP GEN C

## USED ON MODEL -

MMX-( )

CHG-( )-4

## CONSISTS OF SUPPORTING LISTS

NONE

### LAST SYMBOLS

           CR6  
L40 Q20  
R133 T25  
Y1

### MISSING SYMBOLS

C74

COMPILED A. KLEIN

CHECKED           

ENG APPR           

FNL APPR           

ISS DATE           

THE FOLLOWING ITEMS ARE DELETED  
FOR MKK ( ) 2A and SPARM PARTS USE:

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PART NUMBER	DESCRIPTION	USED ON	QUANTITY	QUANTITY PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S 1200
CC100-29	CAP., FXD, CER	A-4506	1		C2	
		A-4506	1		C30	
		A-4506	1		C59	
		A-4506	1		C92	
		A-4506	1		C93	
		A-4506	1		C94	
		A-4506	1		C95	
		A-4506	1		C96	
		A-4506	1		C98	
		A-4506	1		C102	
		A-4506	1		C103	
		A-4506	1		C104	
		A-4506	1		C108	
		A-4506	1		C109	
		A-4506	1		C110	
		A-4506	1		C111	
		A-4506	1		C113	
		A-4506	1		C116	
		A-4506	1		C117	
		A-4506	1		C118	
		A-4506	1		C122	
		A-4506	1		C123	
		A-4506	1		C124	
		A-4506	1		C126	
		A-4506	1		C127	
		A-4506	1		C128	
		A-4506	1		C132	
		A-4506	1		C133	
		A-4506	1		C134	
		A-4506	1		C135	
A-4506	1		C139			
A-4506	1		C140			
A-4506	1		C141			
A-4506	1		C142			
A-4506	1		C146			
A-4506	1		C147			

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PART NUMBER	DESCRIPTION	USED ON	QUANTITY	QUANTITY PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S 1200	
GR111F101J58 CC100-30	CAP., FXD, MICA CAP., FXD, CER	A-4506	1		C148		
		A-4506	1		C150		
		A-4506	1		C151		
		A-4506	1		C152		
		A-4506	1		41* 1*	C153	
		A-4506	1			C155	
		A-4506	1			C7	
		A-4506	1			C8	
		A-4506	1			C9	
		A-4506	1			C11	
		A-4506	1			C13	
		A-4506	1			C14	
		A-4506	1			C15	
		A-4506	1			C17	
		A-4506	1			C18	
		A-4506	1			C19	
		A-4506	1			C20	
		A-4506	1			C21	
		A-4506	1			C23	
		A-4506	1			C24	
		A-4506	1			C25	
		A-4506	1			C26	
		A-4506	1			C29	
		A-4506	1			C36	
		A-4506	1			C37	
		A-4506	1			C38	
		A-4506	1			C40	
		A-4506	1			C42	
		A-4506	1			C43	
		A-4506	1			C44	
		A-4506	1			C46	
		A-4506	1			C47	
A-4506	1			C48			
A-4506	1			C49			
A-4506	1			C50			
A-4506	1			C52			

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PART NUMBER	DESCRIPTION	USED ON	QUANTITY	QUANTITY PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S 1200
		A-4506	1		C53	
		A-4506	1		C54	
		A-4506	1		C57	
		A-4506	1		C58	
		A-4506	1		C65	
		A-4506	1		C66	
		A-4506	1		C67	
		A-4506	1		C69	
		A-4506	1		C71	
		A-4506	1		C72	
		A-4506	1		C73	
		A-4506	1		C76	
		A-4506	1		C77	
		A-4506	1		C78	
		A-4506	1		C79	
		A-4506	1		C80	
		A-4506	1		C82	
		A-4506	1		C83	
		A-4506	1		C84	
		A-4506	1		C85	
		A-4506	1		C88	
		A-4506	1		C89	
		A-4506	1		C90	
		A-4506	1	54*	C91	
C1136-6	COR TUN	TT287-10	1			
		TT287-10	1			
		TT287-10	1			
		TT287-10	1			
		TT287-12	1			
		TT287-12	1			
		TT287-12	1			
		TT287-12	1			
		TT287-12	1			
		TT287-12	1			
		TT287-19	1			
		TT287-21	1			



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PART NUMBER	DESCRIPTION	USED ON	QUANTITY	QUANTITY PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S 1200
CK1325	DIAG, SCHEM	TT287-21	1			
		TT287-9	1			
		TT287-9	1	14*		
CL275-0R82	COIL, RF, FXD	A-4506	1	1*		
		A-4506	1		L3	
CL275-2R2 CL275-120	COIL, RF, FXD	A-4506	1		L4	
		A-4506	1		L5	
		A-4506	1		L6	
		A-4506	1		L7	
		A-4506	1		L9	
		A-4506	1		L12	
		A-4506	1		L13	
		A-4506	1		L14	
		A-4506	1		L15	
		A-4506	1		L16	
		A-4506	1		L18	
		A-4506	1		L21	
		A-4506	1		L22	
		A-4506	1		L23	
		A-4506	1		L24	
		A-4506	1		L25	
		A-4506	1		L27	
		A-4506	1	19*	L28	
		A-4506	1	1	L41	
		CL275-121	COIL, RF, FXD	A-4506	1	1*
A-4506	1				L29	
A-4506	1				L30	
A-4506	1				L32	
A-4506	1				L33	
A-4506	1				L34	
A-4506	1				L35	
A-4506	1				L36	
		A-4506	1		L37	

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PART NUMBER	DESCRIPTION	USED ON	QUANTITY	QUANTITY PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S 1200
CL412-36	COIL, RF, FXD	A-4506	1		L38	
		A-4506	1		L39	
		A-4506	1	11*	L40	
		A-4506	1		L2	
		A-4506	1		L10	
		A-4506	1	3*	L19	
CL412-37	COIL, RF, FXD	A-4506	1		L11	
		A-4506	1	2*	L20	
CL412-38	COIL, RF, FXD	A-4506	1	1*	L8	
CL412-39	COIL, RF, FXD	A-4506	1	1*	L17	
CL412-40	COIL, RF, FXD	A-4506	1	1*	L26	
CL412-41	COIL, RF, FXD	A-4506	1	1*	L1	
CM111C050D5S	CAP., FXD, MICA	A-4506	1		C106	
		A-4506	1		C115	
		A-4506	1		C120	
		A-4506	1		C130	
		A-4506	1		C137	
		A-4506	1		C145	
		A-4506	1	7*	C154	
		A-4506	1		C27	
CM111C100J5S	CAP., FXD, MICA	A-4506	1		C32	
		A-4506	1		C55	
		A-4506	1		C61	
		A-4506	1	5*	C86	
		A-4506	1		C3	
CM111C180J5S	CAP., FXD, MICA	A-4506	1	1*	C3	
CM111E101F5S	CAP., FXD, MICA	A-4506	1	1*	C1	

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PART NUMBER	DESCRIPTION	USED ON	QUANTITY	QUANTITY PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S 1200	
CM111E270J5S	CAP., FXD, MICA	A-4506	1		C5		
		A-4506	1		C34		
		A-4506	1	3*	C63		
CM111E360J5S	CAP., FXD, MICA	A-4506	1		C12		
		A-4506	1		C41		
		A-4506	1		C70		
		A-4506	1		C125		
		A-4506	1	5*	C149		
CM111E750J5S	CAP., FXD, MICA	A-4506	1		C35		
		A-4506	1	2*	C64		
CM111E820F5S	CAP., FXD, MICA	A-4506	1		C31		
		A-4506	1	2*	C60		
CM111F111J5S	CAP., FXD, MICA	A-4506	1		C33		
		A-4506	1	2*	C62		
CM111F131J5S	CAP., FXD, MICA	A-4506	1	1*	C4		
CM111F181G5S	CAP., FXD, MICA	A-4506	1	1*	C97		
CM111F621D5S	CAP., FXD, MICA	A-4506	1		C99		
		A-4506	1	2*	C100		
CM111F910J5S	CAP., FXD, MICA	A-4506	1		C6		
		A-4506	1		C105		
		A-4506	1		C107		
		A-4506	1		C112		
		A-4506	1		C114		
		A-4506	1		C119		
		A-4506	1		C121		
		A-4506	1		C129		
		A-4506	1		C131		
		A-4506	1		C136		



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PART NUMBER	DESCRIPTION	USED ON	QUANTITY	QUANTITY PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S 1200
CR109-124	CU,QTZ 12 MHZ	A-4506	1		C138	
		A-4506	1		C143	
		A-4506	1	13*	C144	
CV112-1	CAP.,VAR,CER	A-4506	1	1*	Y1	
CV112-2	CAP.,VAR,CER	A-4506	1		C28	
		A-4506	1		C56	
		A-4506	1	3*	C87	
CV112-3	CAP.,VAR,CER	A-4506	1	1*	C101	
CV112-6 DD139	CAP VAR. CER SCOND DEV,DIO	A-4506	1		C10	
		A-4506	1		C16	
		A-4506	1		C22	
		A-4506	1		C39	
		A-4506	1		C45	
		A-4506	1		C51	
		A-4506	1		C68	
		A-4506	1		C75	
		A-4506	1	9*	C81	
		A-4506	1	1	C157	
		A-4506	1		CR1	
A-4506	1	2*	CR2			
GL104-2	INS VAR,EL	TZ 215-10 TZ 215-6 TZ 215-8 TZ 215-11		*		
HD109	HEAT SINK	A-4506	1	1*		
MS6004	STIFF.	A-4506	1	1*		
PC324	PC BOARD	A-4506	1	1*		
RC07GF100J	RES,FXD,COMP	A-4506	1	1*	R76	



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RC07GF101J	RES, FXD, COMP	A-4506	1	6*	R87	
		A-4506	1		R88	
		A-4506	1		R128	
		A-4506	1		R129	
		A-4506	1		R130	
		A-4506	1		R131	
RC07GF102J	RES, FXD, COMP	A-4506	1	15*	R2	
		A-4506	1		R8	
		A-4506	1		R14	
		A-4506	1		R26	
		A-4506	1		R32	
		A-4506	1		R38	
		A-4506	1		R50	
		A-4506	1		R56	
		A-4506	1		R62	
		A-4506	1		R68	
		A-4506	1		R79	
		A-4506	1		R89	
		A-4506	1		R95	
		A-4506	1		R107	
		A-4506	1		R112	
RC07GF106J	RES, FXD, COMP	CL412-36	1	3*		
		CL412-37	1			
		CL412-41	1			
RC07GF121J	RES, FXD, COMP	A-4506	1	3*	R100	
		A-4506	1		R85	
		A-4506	1		R117	
RC07GF122J	RES, FXD, COMP	A-4506	1		R92	
		A-4506	1		R98	
		A-4506	1		R103	
		A-4506	1		R115	
		A-4506	1		R120	

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PART NUMBER	DESCRIPTION	USED ON	QUANTITY	QUANTITY PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S 1200
RC07GF150J	RES, FXD, COMP	A-4506	1	6*	R124	
		A-4506	1		R93	
		A-4506	1	2*	R110	
RC07GF152J	RES, FXD, COMP	A-4506	1	1*	R44	
RC07GF153J	RES, FXD, COMP	A-4506	1	2*	R20	
RC07GF180J	RES, FXD, COMP	A-4506	1	1*	R74	
		A-4506	1		R23	
		A-4506	1		R29	
		A-4506	1		R47	
		A-4506	1		R53	
		A-4506	1		R71	
		A-4506	1	6*	R86	
		A-4506	1	7*	R5	
		A-4506	1		R24	
		A-4506	1		R48	
RC07GF181J	RES, FXD, COMP	A-4506	1		R72	
		A-4506	1		R94	
		A-4506	1		R106	
		A-4506	1		R111	
		A-4506	1	7*	R123	
		A-4506	1		R99	
		A-4506	1	2*	R116	
		A-4506	1		R6	
		A-4506	1		R12	
		A-4506	1		R18	
RC07GF220J	RES, FXD, COMP	A-4506	1		R30	
		A-4506	1		R36	
		A-4506	1		R42	
		A-4506	1		R54	
		A-4506	1		R60	
		A-4506	1		R66	
		A-4506	1	9*		
		A-4506	1			
RC07GF221J	RES, FXD, COMP	A-4506	1			
		A-4506	1			
		A-4506	1			
		A-4506	1			
		A-4506	1			
		A-4506	1			
		A-4506	1			
		A-4506	1			

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PART NUMBER	DESCRIPTION	USED ON	QUANTITY	QUANTITY PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S 1200
RC07GF222J	RES, FXD, COMP	A-4506	1		R4	
		A-4506	1		R28	
		A-4506	1	3*	R52	
RC07GF270J	RES, FXD, COMP	A-4506	1		R105	
		A-4506	1	2*	R122	
RC07GF271J	RES, FXD, COMP	A-4506	1		R10	
		A-4506	1		R16	
		A-4506	1		R22	
		A-4506	1		R34	
		A-4506	1		R40	
		A-4506	1		R46	
		A-4506	1		R58	
		A-4506	1		R64	
		A-4506	1		R70	
		A-4506	1		R75	
RC07GF331J	RES, FXD, COMP	A-4506	1	11*	R77	
RC07GF331J	RES, FXD, COMP	A-4506	1		R104	
		A-4506	1		R81	
		A-4506	1		R91	
		A-4506	1		R97	
		A-4506	1		R109	
		A-4506	1	5*	R114	
RC07GF332J	RES, FXD, COMP	A-4506	1	7*	R121	
		A-4506	1	1*	R73	
RC07GF470J	RES, FXD, COMP	A-4506	1		R11	
		A-4506	1		R13	
		A-4506	1		R17	
		A-4506	1		R19	
		A-4506	1		R35	
		A-4506	1		R37	
		A-4506	1		R41	
		A-4506	1		R43	
		A-4506	1		R59	
		A-4506	1		R132	
		A-4506	1		R133	



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RC07GF473J RC07GF473J	RES, FXD, COMP RES, FXD, COMP	A-4506	1		R61	
		A-4506	1		R65	
		A-4506	1		R67	
		A-4506	1		R82	
		A-4506	1	16*	R127	
		A-4506	1		R102	
		A-4506	1		R101	
		A-4506	1	2*	R118	
		A-4506	1	4*	R119	
		A-4506	1		R1	
RC07GF560J	RES, FXD, COMP	A-4506	1		R25	
		A-4506	1		R49	
		A-4506	1	3*		
		A-4506	1		R7	
RC07GF680J	RES, FXD, COMP	A-4506	1		R31	
		A-4506	1		R55	
		A-4506	1	4*	R83	
		A-4506	1		R102	
RC07GF683J	RES, FXD, COMP	A-4506	1		R119	
		A-4506	1	2*		
RC07GF821J	RES, FXD, COMP	A-4506	1		R104	
		A-4506	1	2*	R121	
RC07GF822J	RES, FXD, COMP	A-4506	1		R3	
		A-4506	1		R9	
		A-4506	1		R15	
		A-4506	1		R21	
		A-4506	1		R27	
		A-4506	1		R33	
		A-4506	1		R39	
		A-4506	1		R45	
		A-4506	1		R51	
		A-4506	1		R57	
		A-4506	1		R63	
		A-4506	1		R69	
		A-4506	1		R132	
		A-4506	1		R133	

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PART NUMBER	DESCRIPTION	USED ON	QUANTITY	QUANTITY PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S 1200
		A-4506	1		R80	
		A-4506	1		R90	
		A-4506	1		R96	
		A-4506	1		R108	
		A-4506	1	17*	R113	
RC07GF103J	RES, FXD, COMP	A-4506	1		R125	
		A-4506	1	2*	R126	
RC20GF103J	RES, FXD, COMP	TZ215-11	1	1*		
RC20GF226J	RES, FXD, COMP	CL412-42	1	1*		
RC20GF471J	RES, FXD, COMP	CL412-38	1			
		CL412-39	1			
		CL412-40	1	3*		
RC20GF821J	RES, FXD, COMP	TZ215-10	3			
		TZ215-6	3			
		TZ215-8	3	9*		
RG188/U	CBL, RF	A-4506		*		
RV124-1-101	RES, VAR, COMP	A-4506	1	1*	R78	
RV124-1-501	RES, VAR, COMP	A-4506	1	1*	R84	
TT287-10	XFMR, RF, ADJ	A-4506	1		T14	
		A-4506	1		T16	
		A-4506	1		T21	
		A-4506	1	4*	T23	
TT287-12	XFMR, RF, ADJ	A-4506	1		T13	
		A-4506	1		T15	
		A-4506	1		T24	
		A-4506	1		T17	
		A-4506	1		T20	

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TT287-19	XFMR, RF, ADJ	A-4506	1	6*	T22	
TT287-21	XFMR, RF, ADJ	A-4506	1	1*	T11	
TT287-9	XFMR, RF, ADJ	A-4506	1		T18	
		A-4506	1	2*	T25	
		A-4506	1		T12	
		A-4506	1	2*	T19	
TZ215-10	XFMR, RF, FXD	A-4506	1		T7	
		A-4506	1		T8	
		A-4506	1	3*	T9	
TZ215-11	XFMR, RF, FXD	A-4506	1	1*	T10	
TZ215-6	XFMR, RF, FXD	A-4506	1		T1	
		A-4506	1		T2	
		A-4506	1	3*	T3	
TZ215-8	XFMR, RF, FXD	A-4506	1		T4	
		A-4506	1		T5	
		A-4506	1	3*	T6	
WI141-24-2	WIRE, EL, MAG, T	CL412-42		*		
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				



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PART NUMBER	DESCRIPTION	USED ON	QUANTITY	QUANTITY PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S 1200
		CL412-41		*		
1N627	SCOND DEV,DIO	A-4506	1		CR3	
		A-4506	1	2*	CR4	
1N914	SCOND DEV,DIO	A-4506	1		CR5	
		A-4506	1	2*	CR6	
2N3646	TRANSISTOR	A-4506	1		Q14	
		A-4506	1		Q15	
		A-4506	1		Q16	
		A-4506	1		Q17	
		A-4506	1		Q18	
		A-4506	1		Q19	
		A-4506	1	7*	Q20	
2N5179	TRANSISTOR	A-4506	1		Q1	
		A-4506	1		Q2	
		A-4506	1		Q3	
		A-4506	1		Q4	
		A-4506	1		Q5	
		A-4506	1		Q6	
		A-4506	1		Q7	
		A-4506	1		Q8	
		A-4506	1		Q9	
		A-4506	1		Q10	
		A-4506	1		Q11	
		A-4506	1		Q12	
		A-4506	1	13*	Q13	
1/23/68 REV A	EMN 18737			*		
3/22/68 REV B	EMN 18812			*		
5/3/68 REV C	EMN 18908			*		
10/28/68 REV D	EMN 19086			*		

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PART NUMBER	DESCRIPTION	USED ON	QUANTITY	QUANTITY PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S 1200
5/26/69 REV E	EMN 19461			*		
1/9/71 REV F	EMN 20153					
8/11/72 REV G	EMN 20819					
10/11/72 REV H	EMN 20898					
6/7/73 REV. I	EMN 21084					
1/8/78 REVISION J	EMN 21598					
3/12/81 REV. K	EMN 21835					