

# MATERIAL LIST

REVISION A

TOTAL SHEETS 8

FOR

TMC MODEL - A-4220-1

TITLE- IF AMPL, CH A1

USED ON  
MODEL -

CMRA-1

CONSISTS OF  
SUPPORTING LISTS

COMPILED ENG. COORD  
CHECKED \_\_\_\_\_  
ENG APPR *jae*  
FNL APPR J. SABATINO  
ISS DATE 11-3-66



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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-4220-1	1	27*	C32		
		A-4220-1	1		C33		
		A-4220-1	1		C34		
		A-4220-1	1		C35		
		A-4220-1	1		C43		
		A-4220-1	1		C44		
		A-4220-1	1		C47		
		A-4220-1	1		C30		
		A-4220-1	1		C11		
		A-4220-1	1		C12		
CE105-20-15	CAP., FXD, ELECT	A-4220-1	1	4*	C46		
		A-4220-1	1		C48		
		A-4220-1	1		1*		C36
		A-4220-1	1				C31
CE105-5-25	CAP., FXD, ELECT	A-4220-1	1	6*	C37		
		A-4220-1	1		C38		
		A-4220-1	1		C39		
		A-4220-1	1		C41		
		A-4220-1	1		C42		
		A-4220-1	1		1*		C29
		A-4220-1	1				C29
CE107-6	CAP., FXD, ELECT	TT258	1	4*			
		TT260	1				
		TT261	1				
		TT262	1				
CI136-2	CORE, ADJ TUN.	TT259	1	1*			
		TT259	1				
CI136-3	CORE, ADJ TUN.	TT259	1	1*			
CK949	DIAG, SCHEM	A-4220-1	1	1*			
CM111E470J5S	CAP., FXD, MICA	A-4220-1	1	2*	C13		
		A-4220-1	1		C15		

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CM111F151J5S	CAP., FXD, MICA	A-4220-1	1		C7	
		A-4220-1	1		C14	
		A-4220-1	1		C17	
		A-4220-1	1		C20	
		A-4220-1	1	5*	C45	
CR109-81	CU, QTZ	A-4220-1	1	1*	Y1-1	
CV112-1	CAP., VAR, CER	A-4220-1	1	1*	C18	
FW04HBN	WASH., FLAT	A-4220-1	3	3*		
FW06HBN	WASH., FLAT	A-4220-1	4	4*		
FX216	FIL, CH A1	A-4220-1	1	1*	Y2-1	
GL103	ADHESIVE-N-CEL	TT258				
		TT259				
		TT260				
		TT261				
		TT262			*	
GL130	ADHESIVE-Q-DOP	TT258				
		TT259				
		TT260				
		TT261				
		TT262			*	
LWE04MRN	WASH., LK, EXT	A-4220-1	3	3*		
LWE06MRN	WASH., LK, INT	A-4220-1	4	4*		
MS4362	STIFFENER	A-4220-1	1	1*		
NTH0440BN6	NUT, PLN, HEX	A-4220-1	3	3*		
NTH0632BN8	NUT, PLN, HEX	A-4220-1	4	4*		

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PC209	PC BD	A-4220-1	1	1*		
PX829-3	PAD, TSTR MTG	A-4220-1	10	10*		
RC20GF101J	RES, FXD, COMP	A-4220-1	1		R8	
		A-4220-1	1		R40	
		A-4220-1	1		R45	
		A-4220-1	1	4*	R52	
RC20GF102J	RES, FXD, COMP	A-4220-1	1		R4	
		A-4220-1	1		R26	
		A-4220-1	1		R29	
		A-4220-1	1		R38	
		A-4220-1	1		R43	
		A-4220-1	1		R48	
		A-4220-1	1	7*	R69	
		A-4220-1	1			
RC20GF103J	RES, FXD, COMP	A-4220-1	1		R14	
		A-4220-1	1		R16	
		A-4220-1	1		R17	
		A-4220-1	1		R18	
		A-4220-1	1		R34	
		A-4220-1	1		R36	
		A-4220-1	1		R57	
		A-4220-1	1	8*	R66	
		A-4220-1	1			
RC20GF123J	RES, FXD, COMP	A-4220-1	1		R20	
		A-4220-1	1	2*	R21	
RC20GF151J	RES, FXD, COMP	A-4220-1	1		R5	
		A-4220-1	1	2*	R68	
RC20GF152J	RES, FXD, COMP	A-4220-1	1	1*	R65	
RC20GF153J	RES, FXD, COMP	A-4220-1	1	1*	R59	
RC20GF154J	RES, FXD, COMP	A-4220-1	1	1*	R54	

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RC20GF220J	RES, FXD, COMP	A-4220-1	1		R27	
		A-4220-1	1	2*	R30	
RC20GF221J	RES, FXD, COMP	A-4220-1	1		R11	
		A-4220-1	1	2*	R12	
RC20GF222J	RES, FXD, COMP	A-4220-1	1		R44	
		A-4220-1	1		R46	
		A-4220-1	1	3*	R60	
RC20GF271J	RES, FXD, COMP	A-4220-1	1		R33	
		A-4220-1	1	2*	R35	
RC20GF272J	RES, FXD, COMP	A-4220-1	1	1*	R25	
RC20GF273J	RES, FXD, COMP	A-4220-1	1	1*	R63	
RC20GF331J	RES, FXD, COMP	A-4220-1	1		R22	
		A-4220-1	1		R23	
		A-4220-1	1		R28	
		A-4220-1	1	4*	R37	
RC20GF332J	RES, FXD, COMP	A-4220-1	1		R31	
		A-4220-1	1		R32	
		A-4220-1	1	3*	R41	
RC20GF334J	RES, FXD, COMP	A-4220-1	1	1*	R71	
RC20GF390J	RES, FXD, COMP	A-4220-1	1		R1	
		A-4220-1	1	2*	R2	
RC20GF470J	RES, FXD, COMP	A-4220-1	1		R3	
		A-4220-1	1		R50	
		A-4220-1	1	3*	R70	
RC20GF471J	RES, FXD, COMP	A-4220-1	1		R9	

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		A-4220-1	1		R10	
		A-4220-1	1		R19	
		A-4220-1	1		R39	
		A-4220-1	1	5*	R42	
RC20GF472J	RES, FXD, COMP	A-4220-1	1		R51	
		A-4220-1	1	2*	R64	
RC20GF473J	RES, FXD, COMP	A-4220-1	1	1*	R55	
RC20GF562J	RES, FXD, COMP	A-4220-1	1	1*	R6	
RC20GF563J	RES, FXD, COMP	A-4220-1	1	1*	R67	
RC20GF682J	RES, FXD, COMP	A-4220-1	1		R49	
		A-4220-1	1	2*	R53	
RV111U101A	RES, VAR, COMP	A-4220-1	1	1*	R13	
RV111U501A	RES, VAR, COMP	A-4220-1	1	1*	R58	
RV111U502A	RES, VAR, COMP	A-4220-1	1		R15	
		A-4220-1	1	2*	R47	
SCBP0440BN5	SCR, MACH	A-4220-1	3	3*		
TE0127-3	TERM., STUD	PC209	1		TP1	
		PC209	1		TP2	
		PC209	1		TP3	
		PC209	1		TP4	
		PC209	1		TP5	
		PC209	1		TP6	
		PC209	1	7*	TP8	
TF0270	XFMR	A-4220-1	1		T2	
		A-4220-1	1	2*	T3	

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TS167-1	HLDR, XTAL	A-4220-1	1	1*	XY1	
TT258	XFMR, RF, ADJ	A-4220-1	1	1*	T1	
TT259	XFMR, RF, ADJ	A-4220-1	1	1*	T4	
TT260	XFMR, RF, ADJ	A-4220-1	1	1*	T5	
TT261	XFMR, RF, ADJ	A-4220-1	1	1*	T6	
TT262	XFMR, RF, ADJ	A-4220-1	1	1*	T7	
TX102	SCOND DEV, SET	A-4220-1	1		Q5	
		A-4220-1	1	2*	Q6	
WI104-743SNQS	WIRE, ELEC, LITZ	TT258		*		
WI141-32-5	WIRE, EL, MAG, T	TT258				
		TT259				
		TT260				
		TT261				
		TT262		*		
WI141-32-9	WIRE, EL, MAG, T	TT260				
		TT261				
		TT262		*		
WI148-32-25	CBL, SP-MAG	TT259		*		
1N627	SCOND DEV, DIO	A-4220-1	1		CR5	
		A-4220-1	1		CR6	
		A-4220-1	1		CR8	
		A-4220-1	1		C9	
		A-4220-1	1	5*	C10	
1N754	SCOND DEV, DIO	A-4220-1	1		CR3	



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1N961B	SCOND DEV, DIO	A-4220-1	1	2*	CR4	
		A-4220-1	1		CR1	
		A-4220-1	1		CR2	
		A-4220-1	1	3*	CR7	
2N1225	TRANSISTOR	A-4220-1	1		Q7	
		A-4220-1	1		Q8	
		A-4220-1	1		Q9	
		A-4220-1	1	4*	Q17	
2N706	TRANSISTOR	A-4220-1	1		Q1	
		A-4220-1	1		Q2	
		A-4220-1	1		Q3	
		A-4220-1	1		Q4	
		A-4220-1	1		Q10	
		A-4220-1	1		Q11	
		A-4220-1	1		Q15	
		A-4220-1	1		Q16	
		A-4220-1	1		Q20	
		A-4220-1	1		Q21	
		A-4220-1	1	11*	Q22	
2N863	TRANSISTOR	A-4220-1	1		Q12	
		A-4220-1	1		Q13	
		A-4220-1	1		Q14	
		A-4220-1	1		Q18	
		A-4220-1	1		Q19	
		A-4220-1	1	6*	Q23	
1/19/67 REV A	EMN 17672			*		