

MATERIAL LIST

TOTAL SHEETS 13

FOR

REVISION 0

TMC MODEL - A0102-8

TITLE- OSCILLATOR

USED ON
MODEL -

AX621 (SBE)

CONSISTS OF
SUPPORTING LISTS

COMPILED _____
CHECKED _____
ENG APPR _____
FNL APPR J. SABATINO
ISS DATE 7-12-66

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PART NUMBER	DESCRIPTION	USED ON	QUANTITY	QUANTITY PER UNIT	REFERENCE SYMBOLS	REMARKS
A1045	CL177 ASSY	CL177		0	*	
A1445-1	CL204 ASSY	CL204		0	*	
A1445-10	CL213 ASSY	CL213		0	*	
A1445-11	CL214 ASSY	CL214		0	*	
A1445-12	CL215 ASSY	CL215		0	*	
A1445-13	CL216 ASSY	CL216		0	*	
A1445-2	CL205 ASSY	CL205		0	*	
A1445-3	CL206 ASSY	CL206		0	*	
A1445-4	CL207 ASSY	CL207		0	*	
A1445-5	CL208 ASSY	CL208		0	*	
A1445-6	CL209 ASSY	CL209		0	*	
A1445-7	CL210 ASSY	CL210		0	*	
A1445-8	CL211 ASSY	CL211		0	*	
A1445-9	CL212 ASSY	CL212		0	*	
A1466	CL187 ASSY	CL187		0	*	
A1520	TERM.BD ASSY	A0102-8		1	1* TB101	
A1812	TF-0173 ASSY	TF-0173		0	*	
A1813	TR166 ASSY	TR166		0	*	
BS100	SOLDER,TIN ALY	A0102-8			*	

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PART NUMBER	DESCRIPTION	USED ON	QUANTITY	QUANTITY PER UNIT	REFERENCE SYMBOLS	REMARKS
CA-0350-5.50	CBL ASSY,RF	A0102-8	2	2*		
CC100-29	CAP.,FXD,CER	A0102-8	1		C133	
		A0102-8	1		C134	
		A0102-8	1		C136	
		A0102-8	4		C209-212	
		A0102-8	1		C215	
		A0102-8	1		C216	
		A0102-8	1	10*	C218	
CC111R151G	CAP.,FXD,CER	A0102-8	1	1*	C220	
CC21SL050C	CAP.,FXD,CER	A0102-8	1	1*	C214	
CC21SL080K	CAP.,FXD,CER	A0102-8	1		C137	
		A0102-8	1	2*	C138	
CC21SL470J	CAP.,FXD,CER	A0102-8	1		C139	
		A0102-8	1	2*	C219	
CC26SL101G	CAP.,FXD,CER	A0102-8	1	1*	C217	
CF110N1	FORM,COIL	CL204	1			
		CL205	1			
		CL205	1			
		CL206	1			
		CL207	1			
		CL208	1			
		CL209	1			
		CL210	1			
		CL211	1			
		CL212	1			
		CL213	1			
		CL214	1			
		CL215	1			
		CL216	1	14*		
CI114	CORE,ROD,W/LDS	CL177	1	1*		

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PART NUMBER	DESCRIPTION	USED ON	QUANTITY	QUANTITY PER UNIT	REFERENCE SYMBOLS	REMARKS
CI115	CORE, TOROID	TF-0173	1			
		TR166	1	2*		
CI116-5	CORE, ADJ TUN.	CL204	1			
		CL205	1			
		CL205	1			
		CL206	1			
		CL207	1			
		CL208	1			
		CL209	1			
		CL210	1			
		CL211	1			
		CL212	1			
		CL213	1			
		CL214	1			
		CL215	1			
		CL216	1	14*		
CK70AW102M	CAP., FXD, CER	A0102-8	1		C213	
		A0102-8	1		C221	
		A0102-8	1	3*	C246	
CL100-5	COIL, RF, FXD	A0102-8	1	1*	L127	
CL101-4	COIL, RF, FXD	A0102-8	1	1*	L115	
CL177	COIL, RF, FXD	A0102-8	1	1*	L126	
CL187	COIL, RF, FXD	A0102-8	1	1*	L125, R230	
CL204	COIL, RF, ADJ	A0102-8	1	1*	L112	
CL205	COIL, RF, ADJ	A0102-8	1		L113	
		A0102-8	1	2*	L114	
CL206	COIL, RF, ADJ	A0102-8	1	1*	L111	
CL207	COIL, RF, ADJ	A0102-8	1	1*	L101	

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PART NUMBER	DESCRIPTION	USED ON	QUANTITY	QUANTITY PER UNIT	REFERENCE SYMBOLS	REMARKS
CL208	COIL, RF, ADJ	A0102-8	1	1*	L102	
CL209	COIL, RF, ADJ	A0102-8	1	1*	L103	
CL210	COIL, RF, ADJ	A0102-8	1	1*	L104	
CL211	COIL, RF, ADJ	A0102-8	1	1*	L105	
CL212	COIL, RF, ADJ	A0102-8	1	1*	L106	
CL213	COIL, RF, ADJ	A0102-8	1	1*	L107	
CL214	COIL, RF, ADJ	A0102-8	1	1*	L108	
CL215	COIL, RF, ADJ	A0102-8	1	1*	L109	
CL216	COIL, RF, ADJ	A0102-8	1	1*	L110	
CM15C131J	CAP., FXD, MICA	CL208	1	1*	C242	
CM15C240J	CAP., FXD, MICA	CL212	1	1*	C245	
CM15C470J	CAP., FXD, MICA	CL211	1	1*	C244	
CM15C510J	CAP., FXD, MICA	CL210	1	1*	C256	
CM15C820J	CAP., FXD, MICA	CL209	1	1*	C243	
CM15D221J	CAP., FXD, MICA	CL207	1	1*	C241	
CM20F681G03	CAP., FXD, MICA	A0102-8	1	1*	C309	
CN113-1	CAP., FXD, PLSTC	A1520	1	1*	C222	
CR27A/U10.00000MC	CU, QTZ-10 MC	A0102-8	1	1*	Y102	
CR27A/U11.00000MC	CU, QTZ-11 MC	A0102-8	1	1*	Y106	

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PART NUMBER	DESCRIPTION	USED ON	QUANTITY	QUANTITY PER UNIT	REFERENCE SYMBOLS	REMARKS
CR27A/U12.00000MC	CU,QTZ-12 MC	A0102-8	1	1*	Y103	
CR27A/U13.00000MC	CU,QTZ-13 MC	A0102-8	1	1*	Y107	
CR27A/U14.00000MC	CU,QTZ-14 MC	A0102-8	1	1*	Y104	
CR27A/U17.00000MC	CU,QTZ-17 MC	A0102-8	1	1*	Y108	
CR27A/U18.00000MC	CU,QTZ-18 MC	A0102-8	1	1*	Y105	
CR27A/U8.000000MC	CU,QTZ-8 MC	A0102-8	1	1*	Y101	
CV101-1	CAP.,VAR,GLASS	A0102-8	10	10*	C223-232	
CV115	CAP.,VAR,GLASS	A0102-8	8		C233-240	
		A0102-8	6	14*	C285-290	
FS102-1	LOCKSPRING	A0102-8	4	4*		
FS109-3	RING,RETAINING	MS1106	4	4*		
FS110-1	STUD,TURNLOCK	MS1106	4	4*		
GL102	ADHESIVE-Q-MAX	CL177		*		
GL103	ADHESIVE-N-CEL	CL177 CL187		*		
GL104-2	INSG VARN,ELEC	CL187 CL204 CL205 CL206 CL207 CL208 CL209 CL210				

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PART NUMBER	DESCRIPTION	USED ON	QUANTITY	QUANTITY PER UNIT	REFERENCE SYMBOLS	REMARKS
		CL211 CL212 CL213 CL214 CL215 CL216 TF-0173 TR166		*		
GL106	POTTING COMP	TF-0173 TR166		*		
IM173	INS, REAR, OVEN	A0102-8	1	1*		
IM174	INS, FRONT, OVEN	A0102-8	1	1*		
IM175	INS, L SD, OVEN	A0102-8	1	1*		
IM176	INS, R SD, OVEN	A0102-8	1	1*		
IM177	INS, TOP/BOT	A0102-8	2	2*		
IM179-10	INS, HEATER TB	A0102-8	1	1*		
JJ154	CONN, RECP, RF	A0102-8 A0102-8	4 1	5*	J105-108 J111	
LD-0365-1/MS1110	IN. SHELL, TOP	A0102-8	1	1*		
LD-0365-2/MS1139	IN. SHELL, BOT	A0102-8	1	1*		
LD-0366/MS1112	CHAS, XTAL OSC	A0102-8	1	1*		
LD-0371/MS1106	COV, TOP, XTAL	A0102-8	1	1*		
LD2037/MS4837	COV, BOT, XTAL	A0102-8	1	1*		

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PART NUMBER	DESCRIPTION	USED ON	QUANTITY	QUANTITY PER UNIT	REFERENCE SYMBOLS	REMARKS
LWC22/7/B90	WIRE, ELEC, BRD	A1520	5	5*		
LW108MRN	WASH., LK, INT	CL204	1			
		CL205	1			
		CL205	1			
		CL206	1			
		CL207	1			
		CL208	1			
		CL209	1			
		CL210	1			
		CL211	1			
		CL212	1			
		CL213	1			
		CL214	1			
		CL215	1			
		CL216	1	14*		
MS1102	SHLD, OSC	A0102-8	1	1*		
MS1105	CHAS, XTAL, TOP	A0102-8	1	1*		
MS1106	COV, TOP, XTAL	LD-0371/MS1106	1	1*		
MS1108	COV, XTAL OVEN	A0102-8	1	1*		
MS1109	COV, XTAL OVEN	A0102-8	1	1*		
MS1110	IN. SHELL, TOP	LD-0365-1/MS1110	1	1*		
MS1111	OUTER SHELL	A0102-8	1	1*		
MS1112	CHAS, XTAL OSC	LD-0366/MS1112	1	1*		
MS1113	CHAS, XTAL, BOT	A0102-8	1	1*		
MS1139	IN. SHELL, BOT	LD-0365-2/MS1139	1	1*		

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PART NUMBER	DESCRIPTION	USED ON	QUANTITY	QUANTITY PER UNIT	REFERENCE SYMBOLS	REMARKS
MS4837	COV, BOT, XTAL	LD2037/MS4837	1	1*		
NS3W0104	INS, STANDOFF	A0102-8	2	2*		
NTH0348BN6	NUT, PLN, HEX	CL204	1			
		CL205	1			
		CL205	1			
		CL206	1			
		CL207	1			
		CL208	1			
		CL209	1			
		CL210	1			
		CL211	1			
		CL212	1			
		CL213	1			
		CL214	1			
		CL215	1			
		CL216	1	14*		
NTH0832BN8	NUT, PLN, HEX	CL204	1			
		CL205	1			
		CL205	1			
		CL206	1			
		CL207	1			
		CL208	1			
		CL209	1			
		CL210	1			
		CL211	1			
		CL212	1			
		CL213	1			
		CL214	1			
		CL215	1			
		CL216	1	14*		
NT101-5	STRAP NUT, SOC	A0102-8	3	3*		
NT117-0832A	NUT, SLF-LK, FLT	A0102-8	4	4*		

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PART NUMBER	DESCRIPTION	USED ON	QUANTITY	QUANTITY PER UNIT	REFERENCE SYMBOLS	REMARKS
NT129-632-4	NUT, PLN, SPLINE	MS1108 MS1112	4 2	6*		
NT129-832-4	NUT, PLN, SPLINE	MS1108 MS1111	4 4	8*		
PL154	CONN, PL, RF	CA-0350-5.50 CA-0350-5.50	1 1	2*	P104 P108	
PM-0456	BLOCK, OVEN HTR	A0102-8	1	1*		
PX104-1-022	INS SLVG-SZ 24	TF-0173 TR166	2 2	4*		
PX104-1-034	INS SLVG-SZ 20	A1520	5	5*		
PX104-2-034	INS SLVG-SZ 20	A0102-8		*		
PX104-3-022	INS SLVG-SZ 24	TF-0173 TR166	2 2	4*		
PX104-3-034	INS SLVG-SZ 20	A0102-8		*		
PX104-4-022	INS SLVG-SZ 24	TF-0173 TR166	2 2	4*		
PX104-4-034	INS SLVG-SZ 20	A0102-8		*		
PX104-5-034	INS SLVG-SZ 20	A0102-8		*		
PX104-5-375	INS SLVG-SZ3/8	A1520	3	3*		
PX104-8-034	INS SLVG-SZ 20	A0102-8		*		
PX382	TERM. BD, HTR	A1520	1	1*		
RC20GF101J	RES, FXD, COMP	A1520	1	1*	R206	

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PART NUMBER	DESCRIPTION	USED ON	QUANTITY	QUANTITY PER UNIT	REFERENCE SYMBOLS	REMARKS
RC20GF104J	RES, FXD, COMP	A0102-8	1		R229	
		A0102-8	1	2*	R233	
RC20GF152J	RES, FXD, COMP	A0102-8	1	1*	R161	
RC20GF223J	RES, FXD, COMP	A0102-8	1	1*	R232	
RC20GF224J	RES, FXD, COMP	A0102-8	1	1*	R163	
RC20GF331J	RES, FXD, COMP	A0102-8	1	1*	R228	
RC20GF472J	RES, FXD, COMP	A0102-8	1	1*	R162	
RC20GF680J	RES, FXD, COMP	A0102-8	1	1*	R201	
RC32GF223J	RES, FXD, COMP	A0102-8	1		R159	
		A0102-8	1	2*	R160	
RC32GF272J	RES, FXD, COMP	CL187	1	1*	R230	
RC32GF682J	RES, FXD, COMP	A0102-8	1	1*	R231	
RG174/U	CBL, RF	CA-0350-5.50	6			
		CA-0350-5.50	6	12*		
RR102-1	HEATING ELEM	A1520	1		R207	
		A1520	1	2*	R208	
SCBP0440BN3	SCR, MACH	A0102-8	12	12*		
SFB0440SN4	SCR, THD CTG	A0102-8	8	8*		
SS100-3	SW, THERMO	A1520	1	1*	S110	
SW413	SW, ROT., HF, OSC	A0102-8	1	1*	S108B	
SW419	SW, ROTARY, MF	A0102-8	1	1*	S107	

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PART NUMBER	DESCRIPTION	USED ON	QUANTITY	QUANTITY PER UNIT	REFERENCE SYMBOLS	REMARKS
S349	OSC TEST PROC	A0102-8	1	1*		
TE-0102-2	TERM., STUD-INS	A0102-8	7	7*		
TE-0104-1	TERM., LUG-LKG	A0102-8	1	1*		
TE-0104-2	TERM., LUG-LKG	A0102-8	6	6*		
TE-0104-3	TERM., LUG-LKG	CL204	1			
		CL205	1			
		CL205	1			
		CL206	1			
		CL207	1			
		CL208	1			
		CL209	1			
		CL210	1			
		CL211	1			
		CL212	1			
		CL213	1			
		CL214	1			
		CL215	1			
CL216	1		14*			
TE-0108-18	NUT, PLN, CLINCH	MS1109	2	2*		
TE-0108-19	NUT, PLN, CLINCH	MS1110	1			
		MS1139	1	2*		
TE-0109-3	TERM., STUD	PX382	7	7*		
TE-0117-21	SPACER, SLV	A0102-8	2	2*		
TE-0135-24	NUT, SLV	A0102-8	2	2*		
TE-0153-1	TERM., LUG-RING	CL187	1	1*		
TE-0169-1	TERM., FDTH, INS	A0102-8	1	1*		

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PART NUMBER	DESCRIPTION	USED ON	QUANTITY	QUANTITY PER UNIT	REFERENCE SYMBOLS	REMARKS
TF-0173	XFR, RF-HF OUT.	A0102-8	1	1*	T123	
TR166	XFMR, RF-VMO IN	A0102-8	1	1*	T124	
TS103P01	SOC, EL TUBE	A0102-8	3	3*	XV115-117	
TS103U02	SHLD, EL TUBE	A0102-8	1		EV115	
		A0102-8	1	2*	EV117	
TS103U03	SHLD, EL TUBE	A0102-8	1	1*	EV116	
TS104-1	SOCKET, XTAL	A0102-8	8		XY101-108	
		A0102-8	10	18*	XY111-120	
WA109-17	WASH., NM	A0102-8	4	4*		
WA109-35	WASH., NM	A0102-8	6	6*		
WI104-541SCQS	WIRE, ELEC, LITZ	CL177		*		
WI107-11	WIRE, EL, MAG, DS	CL204	8			
		CL205	7			
		CL205	7			
		CL206	9			
		CL207	14			
		CL208	14			
		CL209	14			
		CL210	14			
		CL211	14			
		CL212	14			
		CL213	14			
		CL214	12			
		CL215	11			
		CL216	10			
		TF-0173	14			
		TR166	18		194*	

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WI107-15	WIRE, EL, MAG, DS	CL187	18	18*		
WL100-7	WIRE, ELEC, BUSS	A1520	6	6*		
WS102	SW SECT., ROT.	A0102-8	1		S108A	
12AU7	ELECTRON TUBE	A0102-8	1	2*	S108C	
6CL6	ELECTRON TUBE	A0102-8	1	1*	V115	
6U8	ELECTRON TUBE	A0102-8	1	1*	V116	
	ELECTRON TUBE	A0102-8	1	1*	V117	