

E.M.N.O				REVISIONS					
DRAFT	CHKD	ZONE	LTR	DESCRIPTION				DATE	APPROVED
				ORIGINAL RELEASE FOR PRODUCTION				11-9-82	

QTY. REQ	ITEM	PART NO.	DESCRIPTION	SYMBOL
19	1	CC131-32 (.01)	CAP. FXD, CER	C2, C4, C7, C12, C14, C15, C16, C17, C18, C21, C22, C23, C25, C27, C32, C33, C38, C40, C42
1	2	CC131-24 (.001)		C46
4	3	CC131-49 (.1)		C1, C5, C13, C48
1	4	CC131-50 (.2)		C43
4	5	CC131-51 (.02)		C8, C26, C41, C49
4	6	CC131-52 (.33)	CAP. FXD, CER	C19, C20, C28, C30
1	7	CE105-1-25	CAP. FXD, ELECT	C36
2	8	CE105-25-25	CAP. FXD, ELEC.	C29, C34
7	9	CM111F510J5S	CAP. FIX MICA	C9, C10, C11, C31, C37, C45, C47
1	10	CM111F100J5S		C24
1	11	CM111F101J5S		C35
1	12	CM111C050D5S		C39
1	13	CM111F331G5S		C44
2	14	CM111F361G5S	CAP. FIX MICA	C3, C6
1	15	CM112F621J1S	CAP. FIX MICA	C50
1	16	CL275-560	COIL RF FIX	L1
2	17	CL275-101		L2, L3
1	18	CL275-102		L5
1	19	CL275-221	COIL RF FIX	L4
1	20	FX268	FILTER	FL1
1	21	NW163	NW BAL, MIXER	Z5
1	22	RC07GF122J	RES FXD COMP	R98
2	23	RC07GF431J	RES FXD COMP	R96, R97
2	24	RC07GF101J	RES FXD COMP	R26, R29
5	25	RC07GF102J	RES FXD COMP	R2, R5, R30, R46, R83
2	26	RC07GF103J	RES FXD COMP	R82, R84

QTY REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
2	27	RC07GF152J	RES, FXD, COMP	R27, R56
2	28	RC07GF153J		R28, R79
1	29	RC07GF182J		R25
2	30	RC07GF222J		R55, R80
6	31	RC07GF223J		R1, R7, R57, R58, R59, R85
1	32	RC07GF330J		R22
1	33	RC07GF331J		R23
1	34	RC07GF332J		R21
1	35	RC07GF333J		R3
4	36	RC07GF471J		R4, R6, R49, R81
2	37	RC07GF472J		R47, R86
1	38	RC07GF561J		R24
1	39	RCR20G6R8JS		R51, R87
2	40	RN55C7501F		R20, R65
2	41	RN55C2802F		R18, R37
3	42	RN55C5111F		R32, R35, R69
1	43	RN55C2003F		R11
7	44	RN55C1000F		R9, R14, R17, R34, R40, R41, R52
9	45	RN55C1003F		R12, R13, R16, R44, R64, R70, R90, R92, R94
6	46	RN55C1001F		R39, R54, R63, R74, R88, R91
1	47	RN55C5113F		R42
7	48	RN55C5112F		R15, R33, R43, R72, R77, R87, R99
1	49	RN55C1132F		R60
1	50	RN55C7151F		R62
6	51	RN55C1002F		R10, R53, R66, R68, R71, R78
1	52	RN55C4421F		R50
1	53	RN55C8250F	RES, FXD, COMP	R61

QTY REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
1	54	RN55C1621F	RES FXD COMP	R67
1	55	RN55C5901F		R89
1	56	RN55C6800F		R93
1	57	RN55C4990F		R95
1	58	RN55C2001F	RES FXD COMP	R31
1	59	RN55C3011F	RES FXD COMP	R75, R38, R76
1	60	RV140-9	RES VAR COMP(2K)	R45
1	61	RV140-10	(5K)	R73
1	62	RV140-6	(25K)	R48
1	63	RV140-1	RES VAR COMP(100)	R8
3	64	RV140-8	RES VAR COMP(10K)	R36, R38, R76
1	65	TZ216	XFMR, 1F	T3
1	66	TZ218	XFMR, TOROID	T4
4	67	IN34A	SCOND DEV. DIO	CR8, CR9, CR10, CR11
3	68	IN914	DIODE, SCOND DEV	CR5, CR6, CR7
3	69	IN829	ZENER DIODE (6.25V)	CR1, CR2, CR3
1	70	IN823A	ZENER DIODE (6.25V)	CR4
1	71	2N222A	TRANSISTOR NPN	Q5
1	72	2N3251A	TRANSISTOR PNP	Q6
8	73	2N3646	TRANSISTOR	Q1, Q2, Q3, Q4, Q7, Q8, Q9, Q10
2	74	TT285-16	XFMR RF ADJ	T1, T2, T4
3	75	MC3503L (MOT)	QUAD OP-AMP	Z1, Z2, Z4
1	76	UA723DM (FAIRCHILD)	VOLTAGE REG	Z3
10	77	PX1284	PAD TRANS MTG	
1	78	PX1286-1	INSULATOR FILTER	

QTY / UNIT	MODEL USED ON	ASS'Y NO.
APPLICATION		
CODE		
MATERIAL		
FINISH		

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FINAL APPROVAL <i>S. Demarco</i>	DATE 11-9-82	LIST OF MATERIAL			
MECH. DES. <i>S. Demarco</i>	DATE 11-9-82	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
ELECT. DES. <i>S. Demarco</i>	DATE 11-9-82	FREQUENCY SHIFT GENERATOR PARTS LOCATION & LISTING REFERENCE NO. 4079993-2			
CHECKED <i>GDL</i>	DATE 10-5-82	SIZE CODE IDENT NO. DWG NO.			
DRAWN <i>GDL</i>	DATE 9-10-82	D 82679 A 5795			
MATERIAL		FINISH		ISSUE	
SCALE		SHEET 2 OF 2			