

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY
R246	RES, MF, 1/8W, 1%, 2K RF212-200	MF55K-2K	ASE	4701-03-2001	1
R247 R436	RES, C, 1/4W, 5%, 30K RC103-330	CF1/4-30K	ASE	4700-15-3002	2
R248 R273 R275 R359 R370	PQT, CERMET, 20K VERTICAL PACKAGE	3299W-1-203	BOU	4610-01-2203	5
R249	RES, MF, 1/8W, 1%, 130K RF214-130	MF55K-130K	ASE	4701-03-1303	1
R250	PQT, 20K, RP129-320	360S203B	CTS	4610-00-1203	1
R252	RES, C, 1/4W, 5%, 180K RC103-418	CF1/4-180K	ASE	4700-15-1803	1
R254 R265	RES, C, 1/4W, 5%, 75K RC103-375	CF1/4-75K	ASE	4700-15-7502	2
R255	RES, MF, 1/8W, 1%, 14.7K	MF55K-14.7K	ASE	4701-03-1472	1
R257 R259 R260 R261	RES, MF, 1/8W, 1%, 3.01K RF212-301	MF55K-3.01K	ASE	4701-03-3011	4
R267	RES, C, 1/4 W, 5%, 43K RC103-343	CF-1/4-43K	ASE	4700-15-4302	1
R269 R373	RES, C, 1/4W, 5%, 18K RC103-318	CF1/4-18K	ASE	4700-15-1802	2
R278	RES, C, 1/4W, 5%, 68K RC103-368	CF1/4-68K	ASE	4700-15-6802	1
<b>WAVETEK PARTS LIST</b>	TITLE PCB ASSY, 1080	ASSEMBLY NO. 1110-00-1310		REV H	
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REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY
R281 R284	RES, C, 1/4W, 5%, 560K RC103-456	CF1/4-560K	ASE	4700-15-5603	2
R283 R285 R411	RES, C, 1/4W, 5%, 47K RC103-347	CF1/4-47K	ASE	4700-15-4702	3
R290 R401 R446 R445 R446	RES, C, 1/4W, 5%, 20K RC103-320	CF1/4-20K	ASE	4700-15-2002	4
R297 R324 R325 R357 R358 R421 R434	RES, C, 1/4W, 5%, 150K RC103-415	CF1/4-150K	ASE	4700-15-1503	7
R298	RES, C, 1/4W, 5%, 1.5M RC103-515	CF1/4-1.5M	ASE	4700-15-1504	1
R302 R303 R375	RES, C, 1/4W, 5%, 9.1K RC103-291	CF1/4-9.1K	ASE	4700-15-9101	3
R400 R448 R454	RES, C, 1/4W, 5%, 2.2K RC103-222	CF1/4-2.2K	ASE	4700-15-2201	3
R309 R406 R408 R409 R306	RES, C, 1/4W, 5%, 22K RC103-322	CF1/422K	ASE	4700-15-2202	5
R312	RES, MF, 1/8W, 1%, 200K RF214-200	MF55K-200K	ASE	4701-03-2003	1
R313 R360	RES, MF, 1/8W, 1%, 499K OHM	MF55K-499K	ASE	4701-03-4993	2
<b>WAVETEK PARTS LIST</b>	TITLE PCB ASSY, 1080	ASSEMBLY NO. 1110-00-1310		REV H	
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REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY
R326 R327 R328 R329 R330 R378	RES, C, 1/4W, 5%, 220K RC103-422	CF1/4220K	ASE	4700-15-2203	6
R340 R341 R342 R343 R345 R346 R347 R348 R349	RES, MF, 1/8W, 1%, 499 RF211-499	MF55K-499	ASE	4701-03-4990	9
R353	RES, C, 1/4W, 5%, 91K RC103-391	CF1/4-91K	ASE	4700-15-9102	1
R363 R364 R377 R403 R427 R449	POT, 20K	91AR-20K	BEK	4610-00-7203	6
R371 R442	RES, C, 1/4W, 10%, 100M RC104-710	CB1071	A-B	4700-16-1006	2
R372	POT, 5K	91AR-5K	BEK	4610-00-7502	1
R376	POT, 2K	91AR2K	BEK	4610-00-7202	1
R389	RES, C, 1/4W, 5%, 2K RC103-220	CF1/4-2K	ASE	4700-15-2001	1
R393 R396 R440	RES, C, 1/4W, 5%, 4.7M RC103-547	CB4755	A-B	4700-15-4704	3
R394	POT, 50K, RP131-350	360T503B	CTS	4610-00-3503	1
R397	RES, MF, 1/8W, 1%, 47.5K RF213-475	MF55K-47.5K	ASE	4701-03-4752	1
R398 R407 R412 R419 R420 R429 R452	RES, C, 1/4W, 5%, 10M RC103-610	CB1065	A-B	4700-15-1005	7
<b>WAVETEK PARTS LIST</b>		TITLE PCB ASSY, 1080	ASSEMBLY NO. 1110-00-1310 PAGE: 9		REV H

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY
R399	RES, C, 1/4W, 5%, 47M RC103-647	CB4765	A-B	4700-15-4705	1
R404	RES, C, 1/4W, 5%, 2.7K RC103-227	CF1/4-2.7K	ASE	4700-15-2701	1
R414	RES, C, 1/4W, 5%, 1.5K RC103-215	CF1/4-1.5K	ASE	4700-15-1501	1
R415	RES, C, 1/4W, 5%, 12K RC103-312	CF1/4-12K	ASE	4700-15-1202	1
R423 R425	RES, SET, 2-17BK, 1/8W QTY: 2: 4701-03-1783	RX000-005	W-I	4789-00-0002	1
R426 R447	RES, C, 1/4W, 5%, 330K RC103-433	CF1/4-330K	ASE	4700-15-3303	2
R431	RES, C, 1/4W, 5%, 270K RC103-427	CF1/4-270K	ASE	4700-15-2703	1
R438	RES, C, 1/4W, 5%, 27K RC103-327	CF1/4-27K	ASE	4700-15-2702	1
R418	RES, MF, 1/8W, 1%, 20K	MF55K-20K	ASE	4701-03-2002	1
<b>WAVETEK PARTS LIST</b>		TITLE PCB ASSY, 1080	ASSEMBLY NO. 1110-00-1310 PAGE: 10		REV H

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY
C101 C103	CAP, ELEC, 2200MF	RE2200MF35V	ELNA	1510-26-0222	2
C102 C104 C108 C109 C118 C121 C123 C125 C130 C132 C133 C136 C139 C141 C146	CAP, CER, .005MF, 1KV CD102-250	5GA-D50	SPR	1510-10-1502	15
C105	CAP, ELECT, 4700MF, 16V VERTICAL	503D-47B-F-016-UJ	SPR	1510-23-0472	1
C106 C107 C113 C114 C115 C122 C137 C147 C148 C152	CAP, TANT, 10MF, 25V CE120-010	162D106X0025DD2	SPR	1510-21-7100	10
C110 C111 C112	CAP, ELECT, 100MF, 25V CE105-110	TE1211	SPR	1510-20-4101	3
C116 C149	CAP, CER, 470PF, 1KV CD102-147	60U471M	MDC	1510-10-1471	2
C117	CAP, CER, 120PF, 1KV CD102-112	60U121M	MDC	1510-10-1121	1
C119 C120 C131 C134	CAP, CER, .001MFD, 1KV CD102-210	5GAD10	SPR	1510-10-1102	4
C124 C140	CAP, CER, .05MF, 100V CD103-350	TG-S50	SPR	1510-10-2503	2
C126 C128 C142 C145	CAP, CER, 10PF, 1KV CD101-010	10TCC-Q10	SPR	1510-10-0100	4
<b>WAVETEK PARTS LIST</b>		TITLE PWR SUPPLY/MARKER PCB ASSY, 1080	ASSEMBLY NO. 1115-00-0023 PAGE: 1		REV B

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY
C127 C138 C143	CAP, CER, .002MF, 1KV CD102-220	5GAD20	SPR	1510-10-1202	3
C129 C144	CAP, CER, 100PF, 1KV CD102-110	60U101M	MDC	1510-10-1101	2
C135	CAP, CER, .01MF, 100V CD103-310	68U103M	MDC	1510-10-2103	1
C150 C151	CAP, ELECT, 1MF, 25V CE120-001	162D105X9025BC2	SPR	1510-21-7010	2
CR101 CR102 CR103 CR104 CR105 CR106 CR107 CR108	DIDDE DR000-001	1N4004	P-C	4806-01-4004	8
CR109 CR110 CR111 CR112 CR113 CR114 CR115 CR116 CR118 CR119 CR120 CR121	DIDDE DG109-140	1N4148	T-I	4807-01-0914	12
CR117	DIDDE DB000-010	1N4732	ITT	4801-01-4732	1
IC101 IC106	IC, IC000-005	RC4558NB	RAY	7000-14-5800	2
IC105	VOLTAGE REF	REF-01CJ	PMI	7000-00-0100	1
IC107 IC111	HEX BUFFER, OPEN COLL HIGH VOLTAGE	SN7417N	T-I	8000-74-1700	2
IC108 IC112	IC, IC000-030	LM318N	NAT	7000-03-1800	2
IC109	QUAD ANALOG SWITCH STATIC SENSITIVE	HI-201-S	HSD	8000-02-0100	1
<b>WAVETEK PARTS LIST</b>		TITLE PWR SUPPLY/MARKER PCB ASSY, 1080	ASSEMBLY NO. 1115-00-0023 PAGE: 2		REV B

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY
IC110	IC, IL004-001	LM339N <i>OR TCG834</i>	NAT	7000-03-3900	1
J102 J103 J109 MM1 MM2 MM3	IC SKT, PC, 14 PIN MC000-073	C931402	T-I	2112-00-0011	6
L101 L102 L104 L105	CHOKE, 5104H, 5%	10154-48K-ASE	ASE	1810-03-0511	4
L103	CHOKE, 2.2MILH, 10%	15S222K	ASE	1810-02-0222	1
L106	CHOKE, 10MILH, 10% LA004-310	15S103K	ASE	1810-02-1001	1
P111	7-PIN LOCKING PLUG	09-65-1071	MDL	2112-05-0007	1
Q101 Q102 Q104 Q106 Q107	TRANS QA050-880	2N5088	MDT	4901-05-0880	5
Q103 Q105	TRANS QB000-009	MPS3702	NAT	4902-03-7020	2
Q108	TRANS QA038-541	2N3854A	SPR	4901-03-8541	1
R101 R104	RES, MF, 1/8W, 1%, 8.06K RF212-806	MF55K-8.06K	ASE	4701-03-8061	2
R102 R103	RES, MF, 1/8W, 1%, 10K RF213-100	MF55K10K	ASE	4701-03-1002	2
R105 R106 R112 R115 R132 R136 R162 R169	RES, C, 1/4W, 5%, 4.7K RC103-247	CF1/4-4.7K	ASE	4700-15-4701	8
R107 R110	RES, C, 1/4W, 5%, 680 RC103-168	CF1/4-680	ASE	4700-15-6800	2
<b>WAVETEK PARTS LIST</b>	TITLE	ASSEMBLY NO.		REV	
	PWR SUPPLY/MARKER PCB ASSY, 1080	1115-00-0023		B	
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REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY
R108 R109	RES, C, 1/4W, 5%, 330 RC103-133	CF1/4-330	ASE	4700-15-3300	2
R111	POT, CERMET, 20K VERTICAL PACKAGE	3299W-1-203	BOU	4610-01-2203	1
R113 R114	RES, SET, 2-10K, 1/8W QTY: 2: 4701-03-1002	RX000-003	W-I	4789-00-0004	1
R116 R143 R144	POT, 10K	91AR10K	BEK	4610-00-7103	3
R117 R145	RES, C, 1/4W, 5%, 2.7K RC103-227	CF1/4-2.7K	ASE	4700-15-2701	2
R118 R119 R122 R125 R127 R146 R147 R153 R155	RES, C, 1/4W, 5%, 22K RC103-322	CF1/422K	ASE	4700-15-2202	9
R120 R148	RES, C, 1/4W, 5%, 1.5K RC103-215	CF1/4-1.5K	ASE	4700-15-1501	2
R121 R149	RES, C, 1/4W, 5%, 75 RC103-075	CR1/4-75	ASE	4700-15-7509	2
R123 R151 R161	RES, C, 1/4W, 5%, 12K RC103-312	CF1/4-12K	ASE	4700-15-1202	3
R124 R134 R152	RES, C, 1/4W, 5%, 3.3K RC103-233	CF1/4-3.3K	ASE	4700-15-3301	3
R126 R130 R135 R137 R138 R139 R154 R156 R158 R166 R171	RES, C, 1/4W, 5%, 1K RC103-210	CF1/4-1K	ASE	4700-15-1001	11
<b>WAVETEK PARTS LIST</b>	TITLE	ASSEMBLY NO.		REV	
	PWR SUPPLY/MARKER PCB ASSY, 1080	1115-00-0023		B	
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REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY
R128 R141	RES, C, 1/4W, 5%, 470 RC103-147	CF1/4-470	ASE	4700-15-4700	2
R129 R133 R140 R157	RES, C, 1/4W, 5%, 100K RC103-410	CF1/4-100K	ASE	4700-15-1003	4
R131 R159 R167	RES, C, 1/4W, 5%, 10K RC103-310	CF1/4-10K	ASE	4700-15-1002	3
R142	RES, C, 1/4W, 5%, 18K RC103-318	CF1/4-18K	ASE	4700-15-1802	1
R150 R160 R164 R165	RES, C, 1/4W, 5%, 2.2K RC103-222	CF1/4-2.2K	ASE	4700-15-2201	4
R163	RES, C, 1/4W, 5%, 2.4K	CF1/4-2.4K	ASE	4700-15-2401	1
R168	RES, C, 1/4W, 5%, 24K RC103-324	CF1/4-24K	ASE	4700-15-2402	1
R170	RES, C, 1/4W, 5%, 2K RC103-220	CF1/4-2K	ASE	4700-15-2001	1
R172	RES, C, 1/4W, 5%, 7.5K RC103-275	CF1/4-7.5K	ASE	4700-15-7501	1

<b>WAVETEK PARTS LIST</b>	TITLE	ASSEMBLY NO.	REV
	PWR SUPPLY/MARKER PCB ASSY, 1080	1115-00-0023	B
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REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY
A01	ATTEN, 5070-11	5070-11	W-I	1113-30-0048	1
HH1	HARNESS, 1080-ATT	WY1080-ATT	W-I	1219-00-0193	1
W07	CABLE ASSY, 6 IN	WXSP211-W19	W-I	1217-80-0044	1
ZA1	SWP/MKR ASSY MA175 MA175	MA175	W-I	1118-00-0053	1
<b>WAVETEK PARTS LIST</b>	TITLE RF ASSY 1080	ASSEMBLY NO. 1118-00-0052 PAGE: 1		REV A	

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY
ZA1	MKR BD ASSY	1218-00-1190	W-I	1218-00-1190	1
ZA2	PSC/AMP BD ASSY ASSY	1218-00-1200	W-I	1218-00-1200	1
ZA3	ADAPTER BD ASSY ASSY	1218-00-1210	W-I	1218-00-1210	1
<b>WAVETEK PARTS LIST</b>	TITLE SWP/MKR ASSY MA175	ASSEMBLY NO. 1118-00-0053 PAGE: 1		REV	

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY
A01	ATTEN, 7570-04	7570-04	W-I	1113-20-0049	1
HH1	HARNESS, 1081-ATT	WY1081-ATT	W-I	1219-00-0263	1
W07	CABLE ASSY, 6 IN.	WX1080-1-W7	W-I	1217-70-0072	1
ZA1	SWP/MKR ASSY, MA175-1 (U)	MA175-1	W-I	1118-00-0095	1
<b>WAVETEK PARTS LIST</b>	TITLE RF ASSY 1081	ASSEMBLY NO. 1118-00-0094 PAGE: 1		REV	

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY
ZA1	MKR BD ASSY	1218-00-1190	W-I	1218-00-1190	1
ZA2	DSC/AMP BD ASSY	1218-00-1201	W-I	1218-00-1201	1
ZA3	ADAPTER BD ASSY ASSY	1218-00-1210	W-I	1218-00-1210	1
<b>WAVETEK PARTS LIST</b>	TITLE SWP/MKR ASSY, MA175-1	ASSEMBLY NO. 1118-00-0095 PAGE: 1		REV	

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY
C501 C504 C543 C544	CAP, FT, CER, 100PF, 20% CF104-110	4420-100PF	AER	1510-30-3101	4
C502	CAP., CHIP 75PF 10%	100B750KP500	ATC	1510-00-2750	1
C503	CAP, M. C., .47PF CG102-147	MC-.47PF	G-C	1510-40-147B	1
C505* C507*	CAP, VALUE DETERMINED IN CALIBRATION	CAP, TRIM	W-I	1519-99-9999	2
C506 C508 C511 C514 C517 C518 C520 C524 C535 C536 C545	CAP., CHIP, .1 MF	51C1209-8104Z	CFI	1510-00-3104	11
C509 C510 C513 C516 C521 C522 C529 C530 C531 C533 C534 C538 C540 C542 C547 C548 C549 C550 C551 C552	CAP, FT, 500PF, 20%250V CF104-150	4420-500PF	AER	1510-30-3501	20
C512	CAP, G-C, 2.0PF, 10% CG101-220	QC-2.0PF	G-C	1510-40-0020	1
C519	CAP, G. C., 2.7PF CG101-227	QC-2.7PF	G-C	1510-40-0279	1
C523 C537 C539 C541	CAP, ELECT, 1MF, 25V CE120-001	162D105X9025BC2	SPR	1510-21-7010	4
C532	CAP, CER, 120PF, 1KV CD102-112	60U121M	MDC	1510-10-1121	1
<b>WAVETEK PARTS LIST</b>		TITLE OSC/AMP BD ASSY	ASSEMBLY NO. 1218-00-1200 PAGE: 1		REV E

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY
C546	CAP, CER, F. T., 10PF CF119-010	4420-10PF	AER	1510-31-5100	1
C553	CAP, CER, .02UF, 50V	TG-S20	SPR	1510-10-2203	1
CR501 CR509* CR512*	DIODE DG109-140	1N4148	T-I	4807-01-0914	3
CR502 CR503	DIODE DP000-050	5082-3080	H-P	4805-02-0002	2
CR504	DIODE, MK904	MK904	MTK	4807-03-0004	1
CR505 CR506	DIODE DG100-821	1N82A6	G-I	4807-01-0082	2
CR507 CR508	DIODE DP000-040	MA47980	M-A	4805-02-0001	2
CR510 CR511	DIODE, VARACTOR DC000-010	DKV6550B	AIN	4803-02-0006	2
IC501 IC502 IC503 IC506	WIDE-BAND AMP, HYBRID DC-1000 MHZ, 55 MA	MWA320	MDT	7000-03-2000	4
IC504	WIDE-BAND AMP, HYBRID DC-1000 MHZ, 100 MA	MWA330	MDT	7000-03-3000	1
IC505	IC, IC000-005	RC4558NB	RAY	7000-14-5800	1
J504 J507	CONN JF000-005	37JR116-1	S-C	2110-03-0002	2
L501 L502 L524 L525 L526 L529 L530	RF CHOKE	CHOKE	W-I	1819-99-9999	7
L503 L510	INDUCTIVE SUBASSY	1210-34-0001	W-I	1210-34-0001	2
<b>WAVETEK PARTS LIST</b>		TITLE OSC/AMP BD ASSY	ASSEMBLY NO. 1218-00-1200 PAGE: 2		REV E

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY
L505 L508 L513 L516 L518	CHOKE, 1MH, 10% LA005-R10	02N1R0K	ASE	1810-03-0010	5
L506 L507 L519	FERRITE CHOKE, 6TURN FROM: 1813-00-0007	LA005-006	W-I	1210-30-0001	3
L511	INDUCTIVE SUBASSY	1210-34-0002	W-I	1210-34-0002	1
L514 L515	TOROID, 10 TURN	LA009-010-2	HYT	1810-05-0005	2
L517 L520	COIL, AIR, 2T, 32 GA	1815-00-0073	W-I	1815-00-0073	2
L521 L522 L523	TOROID, 4 TURN	LA009-004-1	HYT	1810-05-0003	3
MX501	MIXER, DBL BAL	MC24M-3	MMC	3010-54-0006	1
Q501 Q506	TRANS MCRWV	NE02135	NEC	4902-02-1350	2
Q502	TRANS QA036-440	2N3644	FCD	4901-03-6440	1
Q503	TRANS QB000-009	MPS3702	NAT	4902-03-7020	1
Q504	TRANS QB000-034	BFR94	APX	4902-00-0940	1
Q505	TRANS QA054-580	2N545B	MOT	4901-05-4580	1
R501	RES, C, 1/2W, 5%, 560	CF1/2-560ASE	ASE	4710-25-5600	1
R502 R553	RES, C, 1/8W, 5%, 39	CF1/8-39	ASE	4700-05-3909	2
R503	RES, C, 1/8W, 5%, 100 RC101-110	CF1/8-100	ASE	4700-05-1000	1
<b>WAVETEK PARTS LIST</b>	TITLE OSC/AMP BD ASSY	ASSEMBLY NO. 1218-00-1200		REV E	
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REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY
R505	RES, C, 1/4W, 5%, 68K RC103-368	CF1/4-68K	ASE	4700-15-6802	1
R506*	RES, VAL DET IN CALIB	RES, TRIM	W-I	4799-99-9999	1
R507	RES, C, 1/2W, 820	CF1/2-820ASE	ASE	4710-25-8200	1
R508	RES, C, 1/2W, 5%, 1K RC105-210	CF1/2-1K	ASE	4700-25-1001	1
R509	RES, C, 1/4W, 5%, 3.3K RC103-233	CF1/4-3.3K	ASE	4700-15-3301	1
R512 R517 R540 R546	RES, C, 1/4W, 5%, 1K RC103-210	CF1/4-1K	ASE	4700-15-1001	4
R516	RES, MF, 1/8W, 1%, 10K RF213-100	MF55K10K	ASE	4701-03-1002	1
R518	RES, MF, 1/8W, 1%, 4.32K RF212-432	MF55K-4.32K	ASE	4701-03-4321	1
R519 R520	RES, C, 1/2W, 5%, 100 RC105-110	CF1/2-100	ASE	4700-25-1000	2
R521	RES, C, 1/8W, 5%, 270 RC101-127	CF1/8-270	ASE	4700-05-2700	1
R522*	RES, C, 1/4W, 5%, 150 RC103-115	CF1/4-150	ASE	4700-15-1500	1
R524	RES, C, 1/2W, 5%, 47 RC105-047	EB4705	A-B	4705-25-4709	1
<b>WAVETEK PARTS LIST</b>	TITLE OSC/AMP BD ASSY	ASSEMBLY NO. 1218-00-1200		REV E	
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REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY
R534	RES, C, 1/4W, 5%, 1M RC103-510	CF1/4-1M	ASE	4700-15-1004	1
R535	RES, C, 1/4W, 5%, 2.2M RC103-522	CF1/4-2.2M	ASE	4700-15-2204	1
R536 R538 R539	RES, C, 1/4W, 5%, 10K RC103-310	CF1/4-10K	ASE	4700-15-1002	3
R537	RES, C, 1/4W, 5%, 4.7K RC103-247	CF1/4-4.7K	ASE	4700-15-4701	1
R541 R543	RES, C, 1/4W, 5%, 47K RC103-347	CF1/4-47K	ASE	4700-15-4702	2
R542	PDT, CERMET, 20K-OHM	A2B203	A-B	4610-13-4203	1
R544 R547	RES, C, 1/4W, 5%, 100 RC103-110	CF1/4-100	ASE	4700-15-1000	2
R545	RES, C, 1/4W, 5%, 220 RC103-122	CF1/4-220	ASE	4700-15-2200	1
R548	RES, C, 1/8W, 5%, 56-OHM	CF1/8-56	ASE	4700-05-5609	1
R549	RES, C, 1/2W, 5%, 1K ASE ONLY	CF1/2-1K ASE	ASE	4710-25-1001	1
R550	RES, C, 1/8W, 5%, 150- OHM	CF1/8-150	ASE	4700-05-1500	1
R554	RES, C, 1/4W, 5%, 620 RC103-162	CF1/4-620	ASE	4700-15-6200	1
<b>WAVETEK PARTS LIST</b>		TITLE OSC/AMP BD ASSY	ASSEMBLY NO. 121B-00-1200		REV E
PAGE: 5					

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY
C601 C627 C639 C648	CAP, TANT, 10MF, 25V CE120-010	162D106X0025DD2	SPR	1510-21-7100	4
C602 C608 C614 C626 C637 C644 C651 C653 C655 C657	CAP, FT, 500PF, 20%250V CF104-150	4420-500PF	AER	1510-30-3501	10
C603 C604	CAP., CHIP, .1 MF	51C1209-B104Z	CFI	1510-00-3104	2
C605	CAP, M. C., .62PF CG102-162	MC-.62PF	G-C	1510-40-1628	1
C606	CAP, CHIP, 10 PF, 10%	100B100KPX500	ATC	1510-00-2100	1
C607 C636	CAP, CER, F. T., 10PF CF119-010	4420-10PF	AER	1510-31-5100	2
C609	CAP, FT, CER, 100PF, 20% CF104-110	4420-100PF	AER	1510-30-3101	1
C610 C620 C621 C622	CAP, VARI, 7.35PF, 250V CV101-035	7STRIKO-02	STR	1510-70-0350	4
C611	CAP, CER, 25PF, 1KV CD101-025	60COG250J	MDC	1510-10-0250	1
C612 C633 C634 C647 C649	CAP, CER, .01MF, 1KV CD102-310	59A-S10	SPR	1510-10-1103	5
C613 C625 C640	CAP, CER, .01MF, 50V CD113-310	CY15C103M	C-L	1510-10-8103	3
C615 C616	CAP, VAR, 3.5-13PF250V CV101-013	7S-TRIKO-02-3.5-13PF	STR	1510-70-0130	2
<b>WAVETEK PARTS LIST</b>		TITLE MKR BD ASSY	ASSEMBLY NO. 121B-00-1190		REV B
PAGE: 1					

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY
C617 C618 C619	CAP, Q-C, 10PF, 10%, CG101-310	QC-10PF	Q-C	1510-40-0100	3
C623	CAP, CER, 10PF, 1KV CD101-010	10TCC-Q10	SPR	1510-10-0100	1
C624 C645	CAP, CER, .15MF, 100V CD113-415	CY20A154M	C-L	1510-11-1154	2
C628 C641	CAP, CER, 100PF, 1KV CD102-110	60U101M	MDC	1510-10-1101	2
C629 C642	CAP, CER, .005MF, 100V	TG-D50	SPR	1510-10-2502	2
C630 C631	CAP, CER, DISC, .001MF 50V, CD112-210	B101-050-102M	ETP	1510-10-7102	2
C632	CAP, ELECT, 1MF, 25V CE120-001	162D105X9025BC2	SPR	1510-21-7010	1
C635	CAP, CER, 20PF, 1KV CD101-020	60C09200J	MDC	1510-10-0200	1
C638 C643	CAP, CER, .001MFD, 1KV CD102-210	5GAD10	SPR	1510-10-1102	2
C646	CAP, CER, .002MF, 1KV CD102-220	5GAD20	SPR	1510-10-1202	1
C650	CAP, CER, 47PF, 1KV CD101-047	10TCC-Q47	SPR	1510-10-0470	1
<b>WAVETEK PARTS LIST</b>		TITLE MKR BD ASSY	ASSEMBLY NO. 1218-00-1190 PAGE: 2		REV B

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY
C652 C654	CAP, TANT, 68MF, 25V	T392F686K025AS	UNCAR	1510-22-7680	2
C656	CAP, ELECT, 100MF, 12V CE119-110	500D107G012CC5	SPR	1510-21-2101	1
CR601 CR602 CR604	DIODE DG100-821	1N82AG	G-I	4807-01-0082	3
CR603	DIODE DG000-012	5082-0180	H-P	4811-02-0001	1
CR605	DIODE DG000-009	5082-2835	H-P	4809-02-0002	1
IC601	WIDE-BAND AMP, HYBRID DC-1000 MHZ, 55 MA	MWA320	MDT	7000-03-2000	1
IC602	DUAL OP AMP	TL082CP	T-I	7000-00-8200	1
IC603	DECADE COUNTER	SN74196N	T-I	8007-41-9600	1
J601	CONN, SMA, JACK, JE000-004	39JR147-1	S-C	2110-02-1002	1
J605	CONN JF000-005	37JR116-1	S-C	2110-03-0002	1
L601 L602 L613 L615	TOROID	LA009-010-1	HYT	1810-05-0004	4
L603	CHOKE, 1MH, 10% LA005-R10	08N1R0K	ASE	1810-03-0010	1
L605 L611	RF CHOKE	CHOKE	W-I	1819-99-9999	2
L606 L609	CHOKE, 22MH, 10% LA005-022	08N220	ASE	1810-03-0220	2
<b>WAVETEK PARTS LIST</b>		TITLE MKR BD ASSY	ASSEMBLY NO. 1218-00-1190 PAGE: 3		REV B

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY
L603	CHOKE, 1MH, 10% LA005-R10	08N1R0K	ASE	1810-03-0010	1
L612 L616	CHOKE, 2.2MH, 10% LA005-R22	08N2R2K	ASE	1810-03-0229	2
L614	CHOKE, 2.2MILH, 10%	15S222K	ASE	1810-02-0222	1
L617	CHOKE, 10MILH, 10% LA004-310	15S103K	ASE	1810-02-1001	1
L618	CHOKE 510MH, 5% LA002-151	10154-48X	ASE	1810-01-5100	1
Q601 Q602 Q607 Q608	TRANS QA038-541	2N3854A	SPR	4901-03-8541	4
Q603 Q604 Q607	TRANS QA050-530	2N5053	APX	4901-05-0530	3
Q605 Q610	TRANS QA054-580	2N5458	MOT	4901-05-4580	2
Q606 Q611	TRANS QA050-880	2N5088	MOT	4901-05-0880	2
R601 R603	RES, C, 1/8W, 5%, 56-OHM	CF1/8-56	ASE	4700-05-5609	2
R602 R630 R650	RES, C, 1/8W, 5%, 470	CF1/8-470	ASE	4700-05-4700	3
R604 R609 R615 R616 R617 R624 R644 R652	RES, C, 1/8W, 5%, 100 RC101-110	CF1/8-100	ASE	4700-05-1000	8
R605	RES, C, 1/8W, 5%, 220- OHM	CF1/8-220	ASE	4700-05-2200	1
R606 R608 R612	RES, C, 1/8W, 5%, 100K RC101-410	CF1/8-100K	ASE	4700-05-1003	3
<b>WAVETEK PARTS LIST</b>	TITLE MKR BD ASSY	ASSEMBLY NO. 1218-00-1190			REV B
	PAGE: 4				

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY
R607 R619 R621 R622 R662	RES, C, 1/8W, 5%, 2.2K RC101-222	CF1/8-2.2K	ASE	4700-05-2201	5
R610	RES, C, 1/4W, 5%, 33K RC103-333	CF1/4-33K	ASE	4700-15-3302	1
R611	RES, C, 1/4W, 5%, 3K RC103-230	CF1/4-3K	ASE	4700-15-3001	1
R613 R618 R627 R628 R629 R638 R645 R649 R655 R657 R661	RES, C, 1/8W, 5%, 1K RC101-210	CF1/8-1K	ASE	4700-05-1001	11
R614	RES, C, 1/8W, 5%, 3K- OHM	CF1/8-3K	WASE	4700-05-3001	1
R620	RES, C, 1/8W, 5%, 51 RC101-051	CF1/8-51	ASE	4700-05-5109	1
R623	RES, C, 1/8W, 5%, 270 RC101-127	CF1/8-270	ASE	4700-05-2700	1
R625	RES, C, 1/4W, 5%, 100 RC103-110	CF1/4-100	ASE	4700-15-1000	1
R626	RES, C, 1/8W, 5%, 1.8K- OHM	CF1/8-1.8K	ASE	4700-05-1801	1
R631 R651	RES, C, 1/8W, 5%, 180	CF1/8-180	ASE	4700-05-1800	2
R632	RES, C, 1/4W, 5%, 1K RC103-210	CF1/4-1K	ASE	4700-15-1001	1
<b>WAVETEK PARTS LIST</b>	TITLE MKR BD ASSY	ASSEMBLY NO. 1218-00-1190			REV B
	PAGE 5				



REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY
R633	RES. C, 1/4W, 5%, 4.7K RC103-247	CF1/4-4.7K	ASE	4700-15-4701	1
R634 R643 R648 R654	RES. C, 1/8W, 5%, 4.7K RC101-247	CF1/8-4.7K	ASE	4700-05-4701	4
R635	RES. C, 1/8W, 5%, 1M-DHM	CF1/8-1M	ASE	4700-05-1004	1
R636 R656	RES. C, 1/8W, 5%, 8.2K	CF1/8-8.2K	ASE	4700-05-8201	2
R637 R658	RES. C, 1/8W, 5%, 15K	CF 1/8-15K	ASE	4700-05-1502	2
R639	RES. C, 1/4W, 5%, 270K RC103-427	CF1/4-270K	ASE	4700-15-2703	1
R640 R659	RES. C, 1/4W, 5%, 1.5M RC103-515	CF1/4-1.5M	ASE	4700-15-1504	2
R641 R653 R660	RES. C, 1/8W, 5%, 10K -DHM	CF1/8-10K	ASE	4700-05-1002	3
R642	RES. C, 1/4W, 5%, 24K RC103-324	CF1/4-24K	ASE	4700-15-2402	1
R646	RES. C, 1/8W, 5%, 1.2K RC101-212	CF1/8-1.2K	ASE	4700-05-1201	1
R663	RES. C, 1/4W, 5%, 4.7 RC103-R47	CF1/4-4.7	ASE	4700-15-4708	1
R664 R665	RES. C, 1/4W, 5%, 10 RC103-010	CF1/4-10	ASE	4700-15-1009	2

<b>WAVETEK PARTS LIST</b>	TITLE	ASSEMBLY NO.	REV
	MKR BD ASSY	1218-00-1190	B
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REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY
T601	RF XFMR PER B/P FROM: 1813-00-0007	1210-40-0023	W-I	1210-40-0023	1
W601	CABLE ASSY, 42.6 IN	WX1080-W601	W-I	1217-90-0051	1
X601	CRYSTAL, 10.00000 MHZ	X41W-10.00000	W-I	2310-00-0551	1

<b>WAVETEK PARTS LIST</b>	TITLE	ASSEMBLY NO.	REV
	MKR BD ASSY	1218-00-1190	B
		PAGE: 7	

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY
P508	DIP RIBBON JUMPER, 14 W/STRAIN RELIEF PER B/P	6011-60-0008	W-I	6011-60-0008	1
P509	DIP RIBBON JUMPER, 14 W/STRAIN RELIEF PER B/P	6011-60-0009	W-I	6011-60-0009	1
P510	HEADER, 6-PIN, STR. REF: 2112-07-0000	2112-07-0008	W-I	2112-07-0008	1
<b>WAVETEK PARTS LIST</b>		TITLE ADAPTER BD ASSY ASSY	ASSEMBLY NO. 1218-00-1210  PAGE: 1		REV B

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY
J10	HSG, MINI-LATCH, 7-PIN MC000-113	65039-030	BER	2113-10-0003	1
1	TERM, MINI-PV MC000-092	47439	BER	2113-20-0001	5
2	TERM, MALE, MC000-116	48116	BER	2113-22-0001	1
<b>WAVETEK PARTS LIST</b>		TITLE HARNESS, 1080-ATT	ASSEMBLY NO. 1219-00-0193  PAGE: 1		REV A

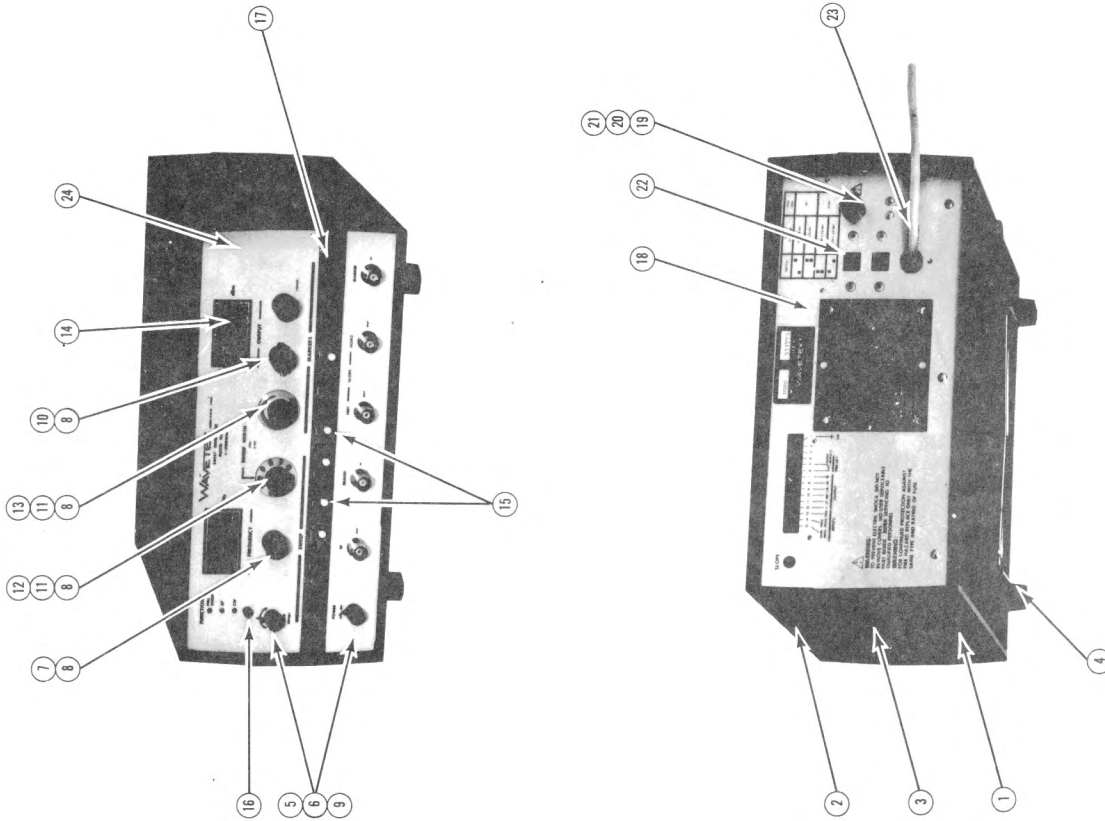
REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY
J10	HSG, MINI-LATCH, 7-PIN MC000-113	65039-030	BER	2113-10-0003	1
1	TERM, MINI-PV MC000-092	47439	BER	2113-20-0001	4
2	TERM, MALE, MC000-116	48116	BER	2113-22-0001	1
<b>WAVETEK PARTS LIST</b>		TITLE HARNESS, 1081-ATT	ASSEMBLY NO. 1219-00-0263  PAGE: 1		REV

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY
C01	CAP, M. C. . . 22PF CG102-122	MC-.22PF	G-C	1510-40-1228	1
C03 C04 C05 C06 C07 C08	CAP, MC, 1. 1PF, 10% CG102-211	MC1.1PF	G-C	1510-40-1119	6
J01 J02	CONN, BNC, JB000-017	2BJR249-1	S-C	2110-01-1004	2
R01 R03 R04 R06	RES, L-A, 1/4W1%, 178.8 RF411-788	SPS-N-347-178.8	IRC	4741-17-8808	4
R07 R09 R10 R12	RES, L-A, 1/4W1%, 96.25 RF409-625	SPS-N-347-96.25	IRC	4741-96-2507	4
R08 R11	RES, L-A, 1/4W1%, 71.14 RF407-114	SPS-N-347-71.14	IRC	4741-71-1407	2
R13 R15 R16 R18	RES, L-A, 1/4W, 1%, 71.6 RF407-160	SPS-N-347-71.6	IRC	4741-71-6007	4
R14 R17	RES, L-A, 1/4W1%, 136.1 RF411-361	SPS-N-347-136.1	IRC	4741-13-6108	2
R19 R21 R22 R24	RES, L-A, 1/4W, 1%, 61.1 RF406-110	SPS-N-347-61.1	IRC	4741-61-1007	4
R20 R23	RES, L-A, 1/4W1%, 247.5 RF412-475	SPS-N-347-247.5	IRC	4741-24-7508	2
R25 R27 R28 R30	RES, L-A, 1/4W, 1%, 55.9 RF405-590	SPS-N-347-55.9	IRC	4741-55-9007	4
R31 R33 R34 R36	RES, L-A, 1/4W, 1%, 53.2 RF405-320	SPS-N-347-53.2	IRC	4741-53-2007	4
<b>WAVETEK PARTS LIST</b>		TITLE ATTEN, 5070-11	ASSEMBLY NO. 1113-30-0048		REV C
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REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY
R32 R35	RES, L-A, 1/4W1%, 789.7 RF417-897	SPS-N-347-789.7	IRC	4741-78-9708	2
R37 R39 R40 R42	RES, L-A, 1/4W, 1%, 51.8 RF405-180	SPS-N-347-51.8	IRC	4741-51-8007	4
R38 R41	RES, L-A, 1/4W1%, 1405 RF421-405	SPS-N-347-1405	IRC	4741-14-0509	2
R601 R602 R603 R604 R605 R606 R607	RES, MF, 1/8W, 1%, 1K RF212-100	MF55K-1K	ASE	4701-03-1001	7
S601	SWITCH WAFER, PER B/P	49322-SK-W	S-G	5104-02-0007	1
<b>WAVETEK PARTS LIST</b>		TITLE ATTEN, 5070-11	ASSEMBLY NO. 1113-30-0048		REV C
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REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY
C01	CAP, M. C., .22PF CG102-122	MC-.22PF	G-C	1510-40-122B	1
C03 C04 C05 C06 C07 C08	CAP, MC, 1.1PF, 10% CG102-211	MC1.1PF	G-C	1510-40-1119	6
J01 J02	CONN, BNC, JB000-011	2BJR230-1	S-C	2110-01-1002	2
R01 R03 R04 R06	RES, L-A, 1/4W, 1%, 267 RF412-670	SPS-N-347-267	IRC	4741-26-7008	4
R02 R05	RES, L-A, 1/4W, 1%, 45.3 RF404-530	SPS-N-347-45.3	IRC	4741-45-3007	2
R07 R09 R10 R12	RES, L-A, 1/4W, 1%, 143 RF411-430	SPS-N-347-143	IRC	4741-14-3008	4
R08 R11 R13 R14 R15 R16	RES, L-A, 1/4W, 1%, 107 RF411-070	SPS-N-347-107	IRC	4741-10-7008	6
R14 R17	RES, L-A, 1/4W, 1%, 205 RF412-050	SPS-N-347-205	IRC	4741-20-5008	2
R19 R21 R22 R24	RES, L-A, 1/4W, 1%, 90.9 RF409-090	SPS-N-347-90.9	IRC	4741-90-9007	4
R20 R23	RES, L-A, 1/4W, 1%, 374 RF413-740	SPS-N-347-374	IRC	4741-37-4008	2
R25 R27 R28 R30	RES, L-A, 1/4W, 1%, 84.5 RF408-450	SPS-N-347-84.5	IRC	4741-84-5007	4
R26 R29	RES, L-A, 1/4W, 1%, 665 RF416-650	SPS-N-347-665	IRC	4741-66-5008	2
<b>WAVETEK PARTS LIST</b>		TITLE ATTEN, 7570-04	ASSEMBLY NO. 1113-20-0049		REV A
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REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY
R31 R33 R34 R36	RES, L-A, 1/4W, 1%, 80.6 RF408-060	SPS-N-347-80.6	IRC	4741-80-6007	4
R32 R35	RES, L-A, 1/4W, 1%, 1.18K RF421-180	MF5C-1.18K	M-E	4741-11-8009	2
R37 R39 R40 R42	RES, L-A, 1/4W, 1%, 76.8 RF407-680	SPS-N-347-76.8	IRC	4741-76-8007	4
R38 R41	RES, L-A, 1/4W, 1%, 2.10K RF422-100	MF5C-2.10K	M-E	4741-21-0009	2
R601 R602 R603 R604 R605 R606 R607	RES, MF, 1/8W, 1%, 1K RF212-100	MF55K-1K	ASE	4701-03-1001	7
R608	RES, MF, 1/8W, 1%, 4.32K RF212-432	MF55K-4.32K	ASE	4701-03-4321	1
S601	SWITCH WAFER, PER B/P	49322-SK-W	S-C	5104-02-0007	1
<b>WAVETEK PARTS LIST</b>		TITLE ATTEN, 7570-04	ASSEMBLY NO. 1113-20-0049		REV A
			PAGE: 2		



24	FRONT-PANEL ASSY.	1216-00-0024	1
23	CORD SET - 6FT.	6011-80-0001	1
22	SW. SLIDE DPDT.	5105-00-0012	2
21	FUSEHOLDER, BODY	2410-05-0010	1
20	FUSE CARRIER	2410-05-0009	1
19	FUSE: 5AMP	2410-05-0011	1
18	REAR PANEL	1410-60-1630	1
17	THUMB WHEEL	1410-01-0760	2
16	SW. SPDT: MOM. VERT	5111-00-0009	1
15	SW. SPDT: MOM. VERT	5111-00-0008	5
14	FILTER GLASS PER B/P	1410-01-1100	1
13	KNOB SKIRT .26MM	2410-01-2015	1
12	KNOB SKIRT .26MM O-9	2410-01-2014	1
11	KNOB 14.5X16MM: 1/8"	2410-01-2013	3
10	KNOB 14.5X16MM: WG	2410-01-2017	1
9	KNOB PTR. BLK.	2410-01-2016	2
8	KNOB CAP 14.5 BLK.	2410-01-2012	5
7	KNOB 14.5X16MM: 1/4"	2410-01-2011	1
6	KNOB CAP 10MM BLK.	2410-01-2010	2
5	KNOB 10X13MM, BLK: 1/8"	2410-01-2009	2
4	8" TEST. BALL WIREAR FT	2810-08-0007	1
3	CASE EXPAND. PER B/P	3010-12-0001	2
2	TOP COVER	1410-60-1710	1
1	BOTTOM CASE	1410-00-6130	1
	ITEM DESCRIPTION	PART NUMBER	QTY

THIS DOCUMENT CONTAINS INFORMATION PROPRIETARY TO WAVETEK. THE INFORMATION IN THIS DOCUMENT IS NOT TO BE USED OR DUPLICATED IN ANY MANNER WITHOUT THE PRIOR APPROVAL IN WRITING OF WAVETEK.

MATERIAL		WAVETEK <sup>®</sup> 1080 SERIES	
FINISH:		SCALE	DATE
DRAWN BY: B. NAYLOR		SCALE	DATE
CHECKED:		DRAWING NO.	DC-134
RELEASED BY:		DATE	

NO.	DESCRIPTION	BY	REVISION

# SECTION 7

## SCHEMATICS

### 7.1 INTRODUCTION.

This section contains all schematics for the instrument. A schematic index is given in Section 7.3.










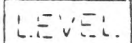
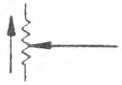
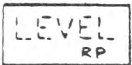
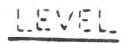

### 7.2 SCHEMATIC NOTES

The following notes and abbreviations pertain to all sche-

matics. Additional notes pertaining to specific schematics are included on each schematic if required.

Unless otherwise noted, resistor values are given in ohms, capacitor values are given in pF, and inductor values are given in  $\mu\text{H}$ .

### SYMBOL NOTES

	Denotes DC voltage reading unless otherwise specified.		Coaxial jack
	Denotes high-impedance crystal detector reading in volts unless otherwise specified.		Coaxial plug
	Denotes 50 ohm crystal detector reading in volts unless otherwise specified.		Coaxial cable
	Signal or voltage source.		Factory adjusted part.
	Connects to indicated signal or voltage source.		Denotes a front-panel device.
	Arrow indicates clockwise rotation of wiper.		Denotes a rear-panel device.
			Denotes a printed circuit board adjustment or accessible module adjustment.
			Denotes an internal module adjustment not accessible without removing module cover.

### ABBREVIATION CODE

A	ampere	IF	intermediate frequency	$\Omega$	ohm
AC	alternating current	J	jack	OC	opto-coupler
C	capacitor	K	relay	P	plug
ccw	counterclockwise	kHz	kilohertz	p	peak
CR	diode	k $\Omega$	kilohm	pp	peak-to-peak
CW	continuous wave	kV	kilovolt	pF	picofarad
cw	clockwise	kW	kilowatt	Q	transistor
dB	decibel	L	inductor	R	resistor
dBc	dB referred to carrier	M	meter	RF	radio frequency
dBm	dB referred to 1 mW	MHz	megahertz	RMS	root-mean-square
dBmV	dB referred to 1 mV	M $\Omega$	megohm	R.P.	rear panel
DC	direct current	mA	milliampere	S	switch
DS	indicating device, lamp	mH	millihenry	T	transformer
F	farad	mV	millivolt	T.P.	test point
F.P.	front panel	mW	milliwatt	V	volt
H	henry	$\mu\text{F}$	microfarad	VA	voltampere
Hz	hertz	$\mu\text{A}$	microampere	W	watt
IC	integrated circuit	$\mu\text{H}$	microhenry	X	crystal

### 7.3 SCHEMATIC INDEX

The schematics appear in the following order.

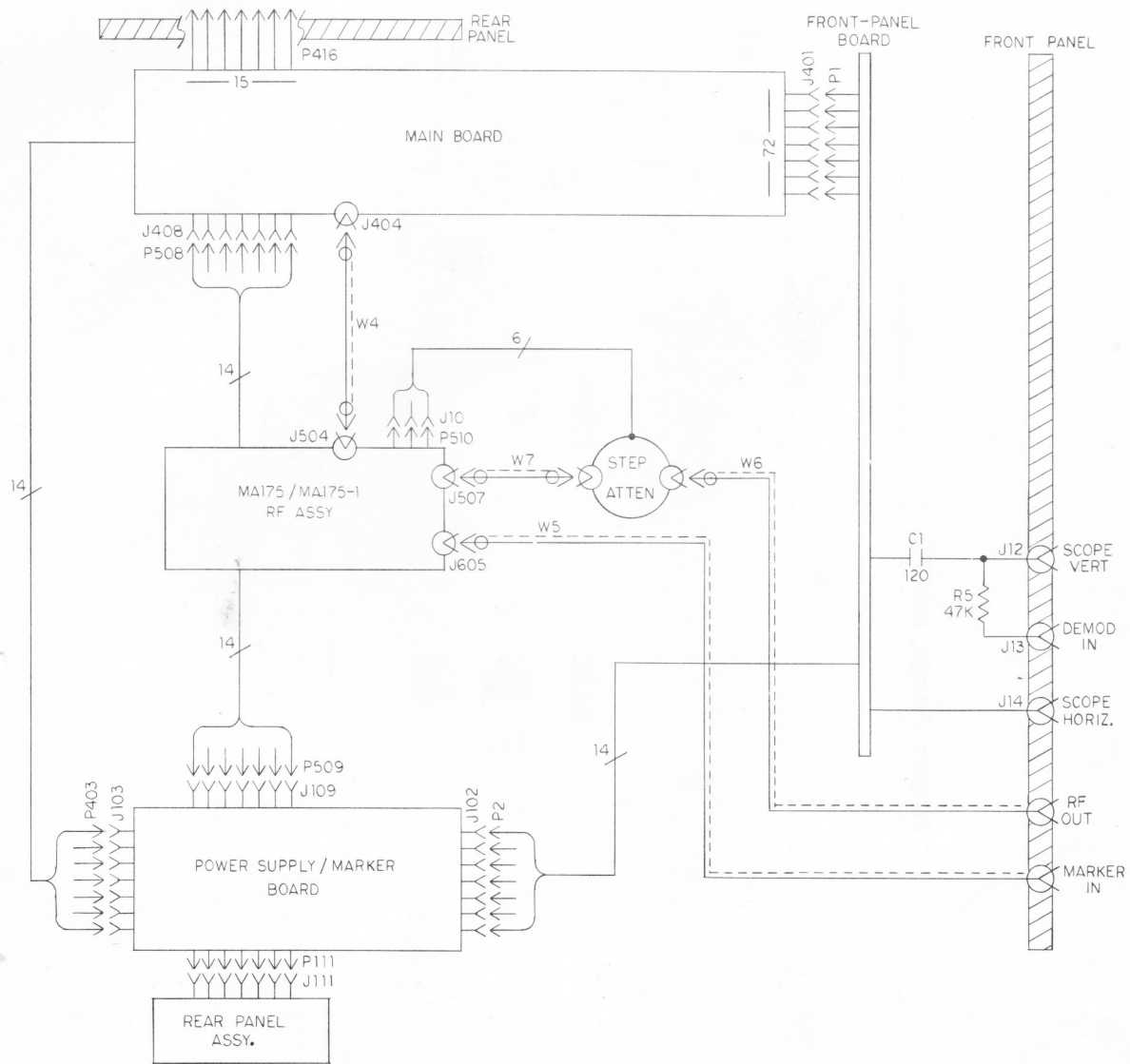
SCHEMATIC	ASSEMBLY
1	WIRING DIAGRAM
2	FRONT-PANEL BOARD
3	MAIN BOARD SHEET 1
4	MAIN BOARD SHEET 2
5	P.S./MARKER BOARD AND REAR-PANEL ASSY
6	MA175/MA175-1 RF ASSY
7	SWEEP OSCILLATOR BOARD
8	MARKER GENERATOR BOARD
9	5070-11 ATTENUATOR
10	7570-04 ATTENUATOR

Printed circuit board layouts, where applicable, are shown opposite their corresponding schematics.

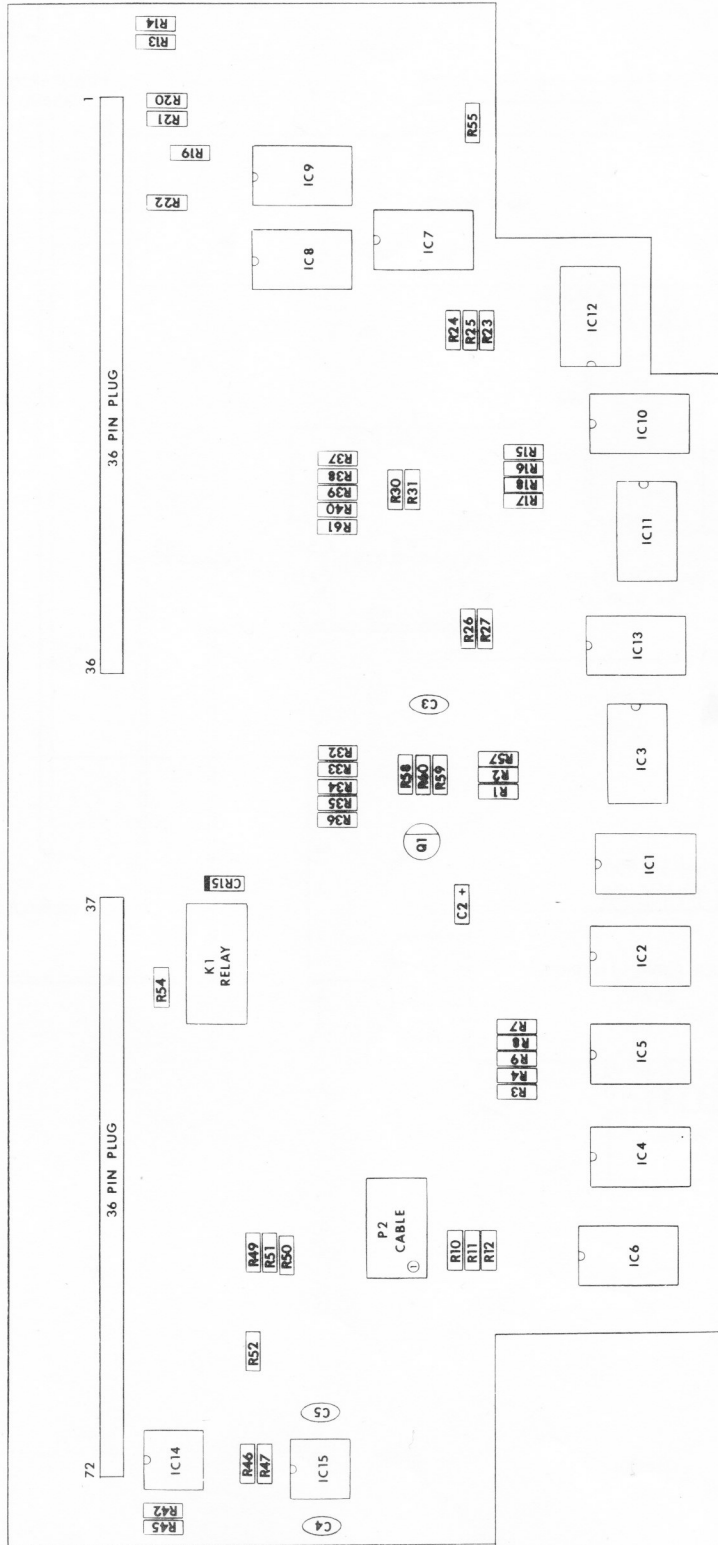


MODEL 1080/1081  
WIRING DIAGRAM

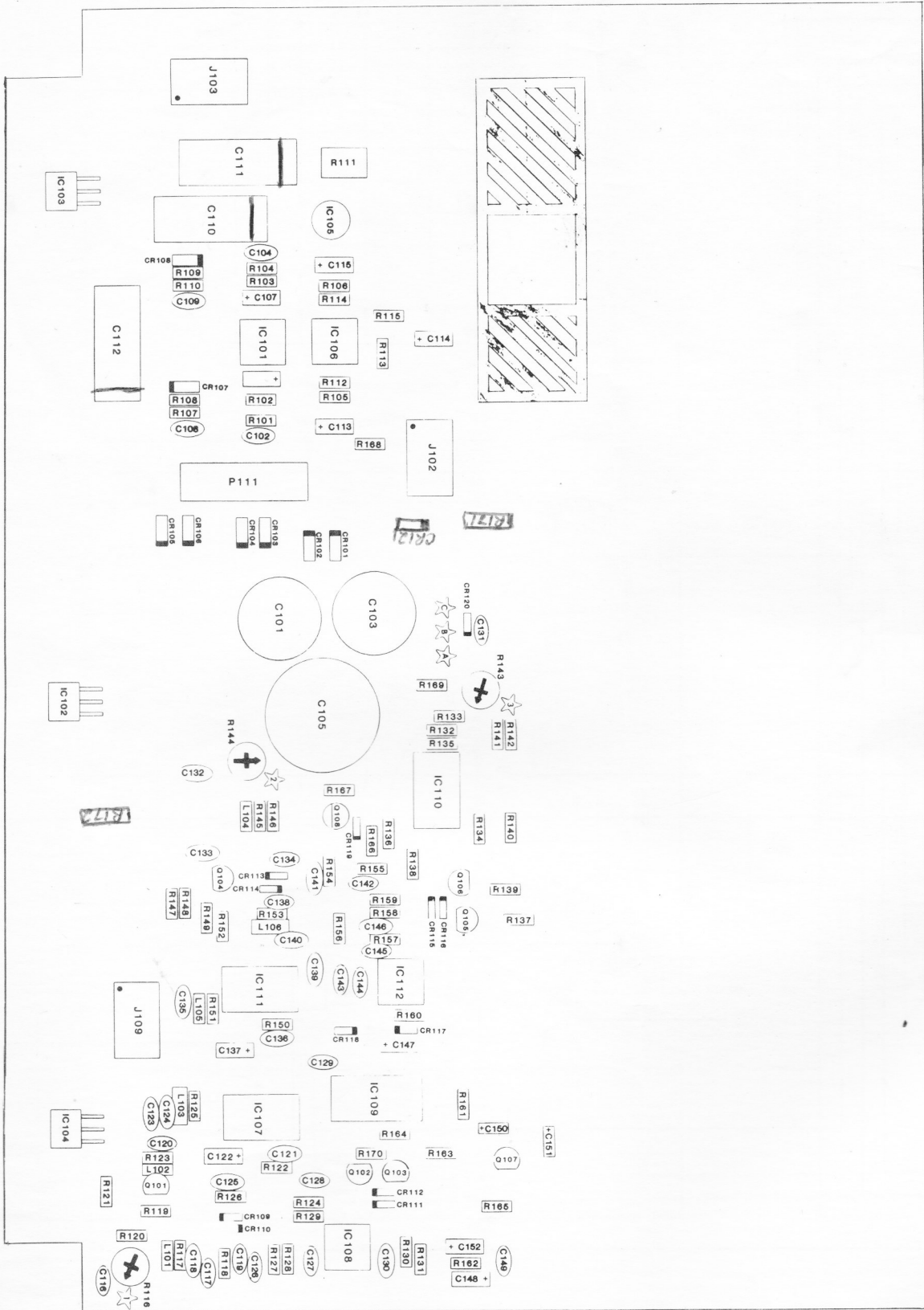
REV. \_\_\_\_\_



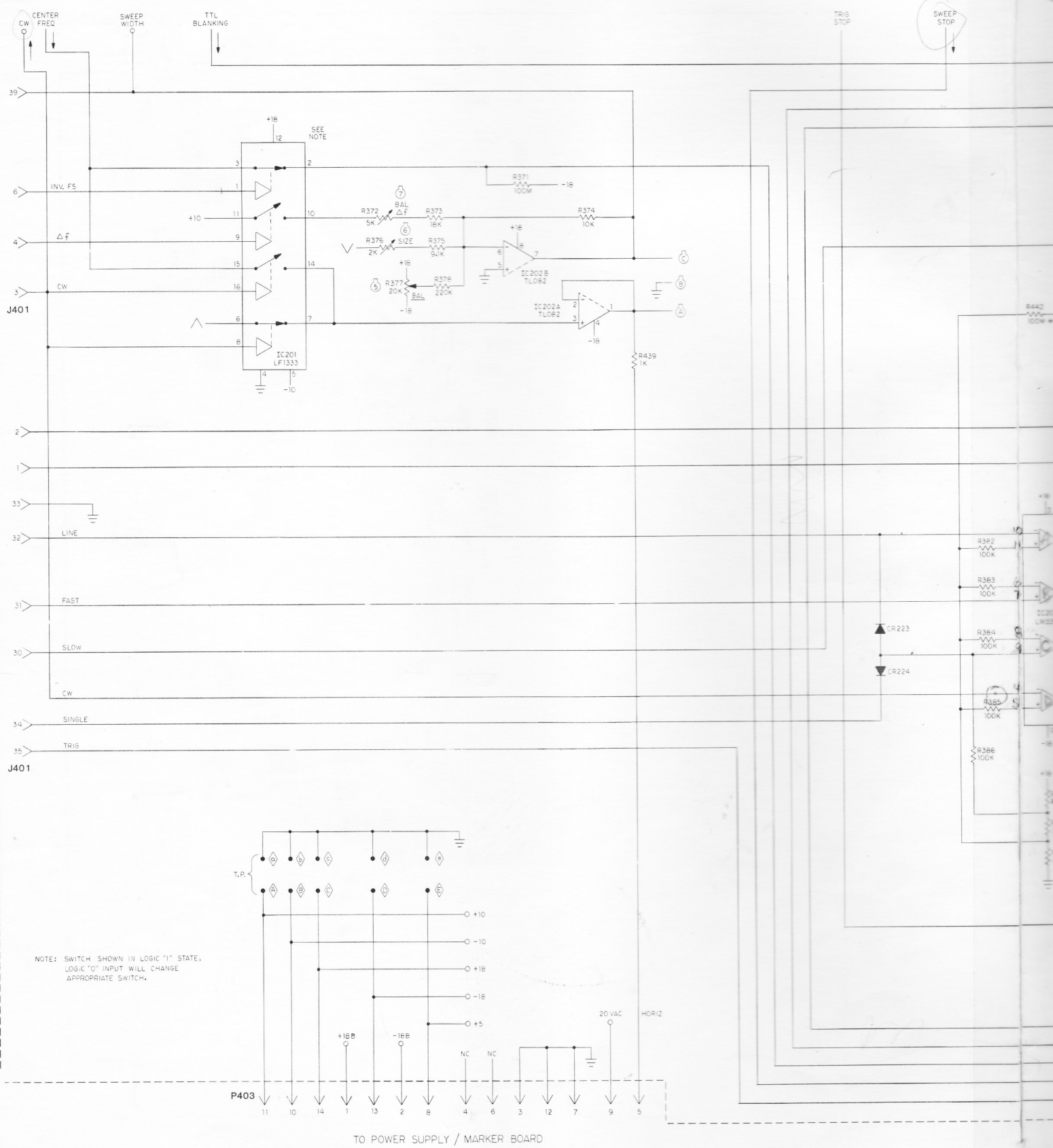
# FRONT-PANEL BOARD



POWER SUPPLY/MARKER AMP BOARD







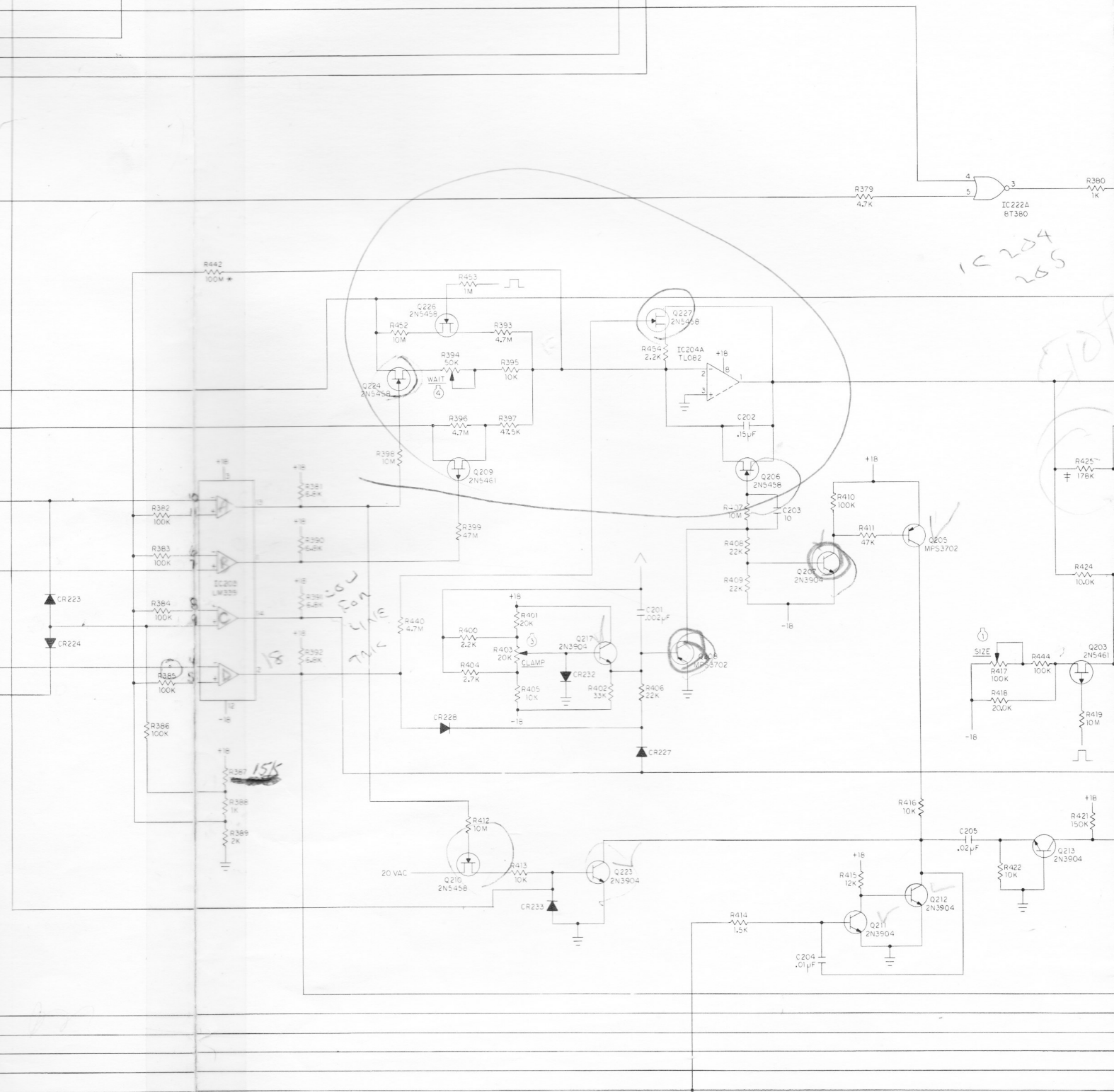


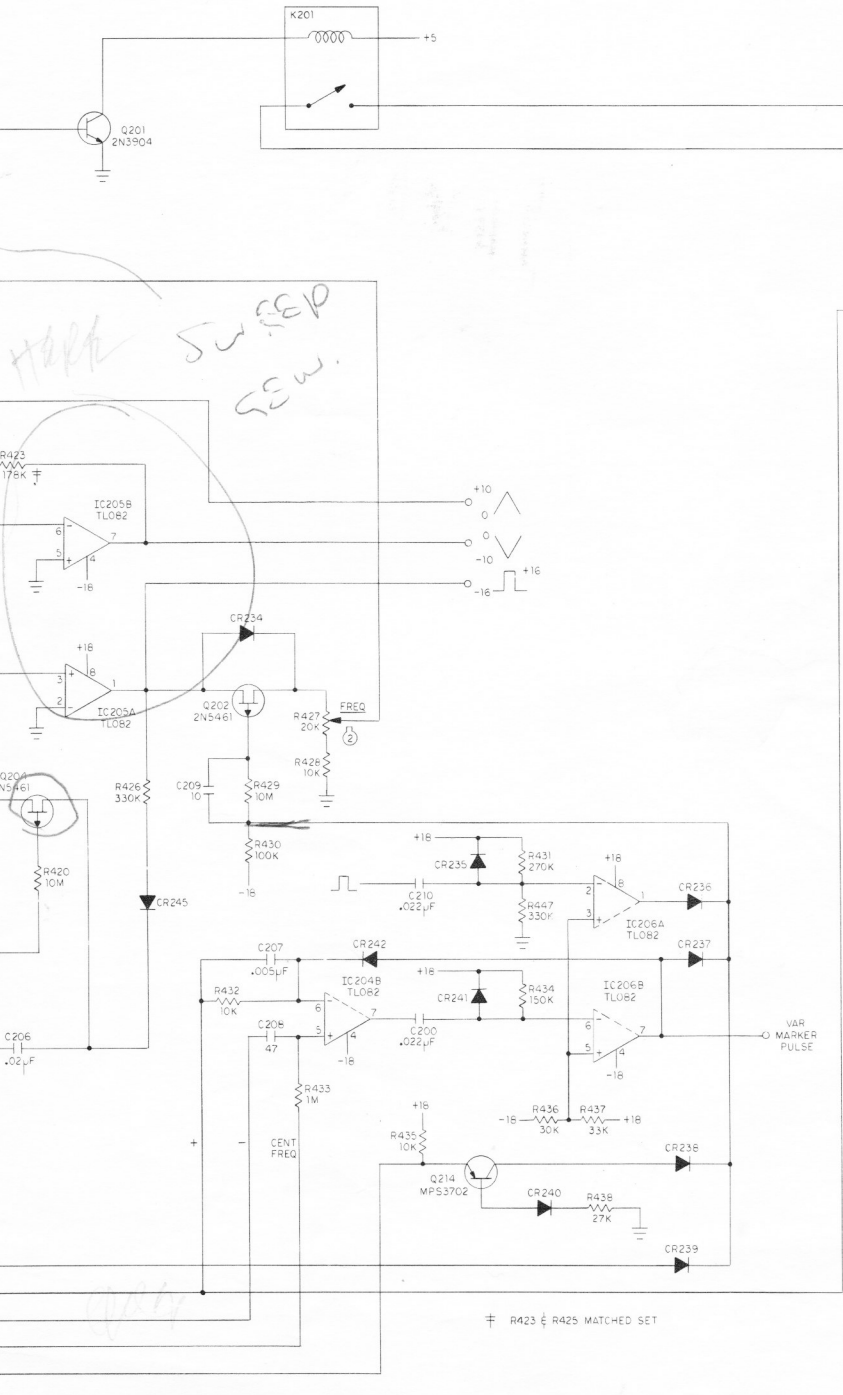
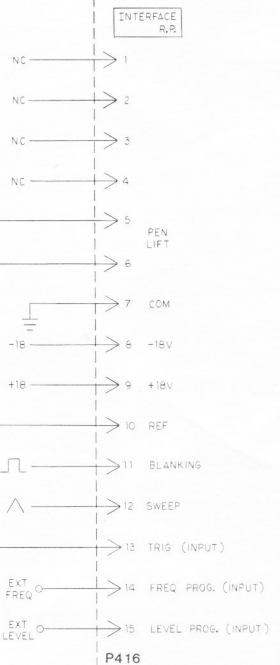
TRIG STOP

SWEEP STOP

FREQ. PROG.

IC 204  
265





*Handwritten note:* HARR SWEEP GEN.



LINE VOLTAGE	S2	S3	F1
100	A	B	.5AT
115	A	A	.5AT
200	B	B	.25AT
230	B	A	.25AT

