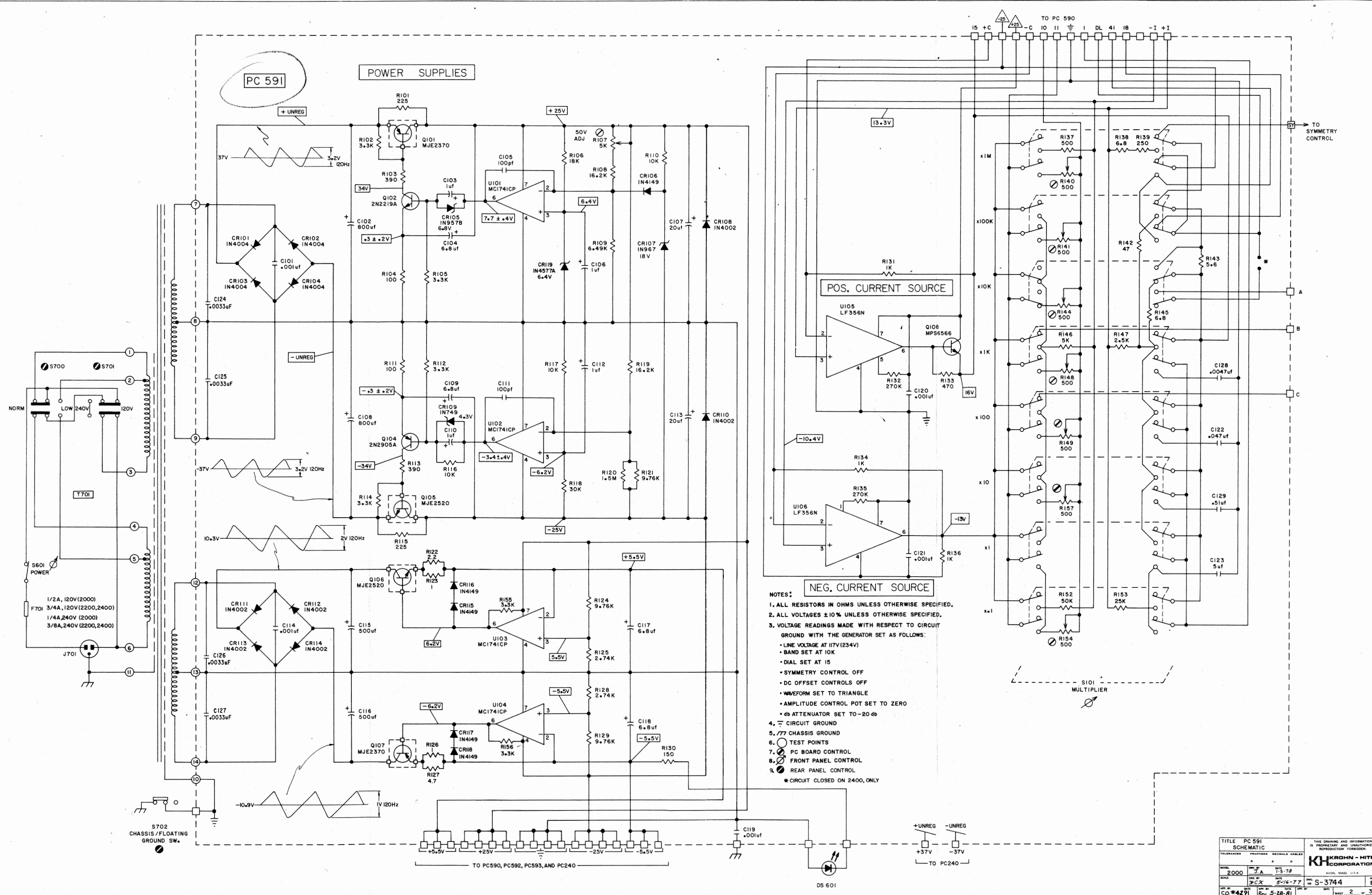
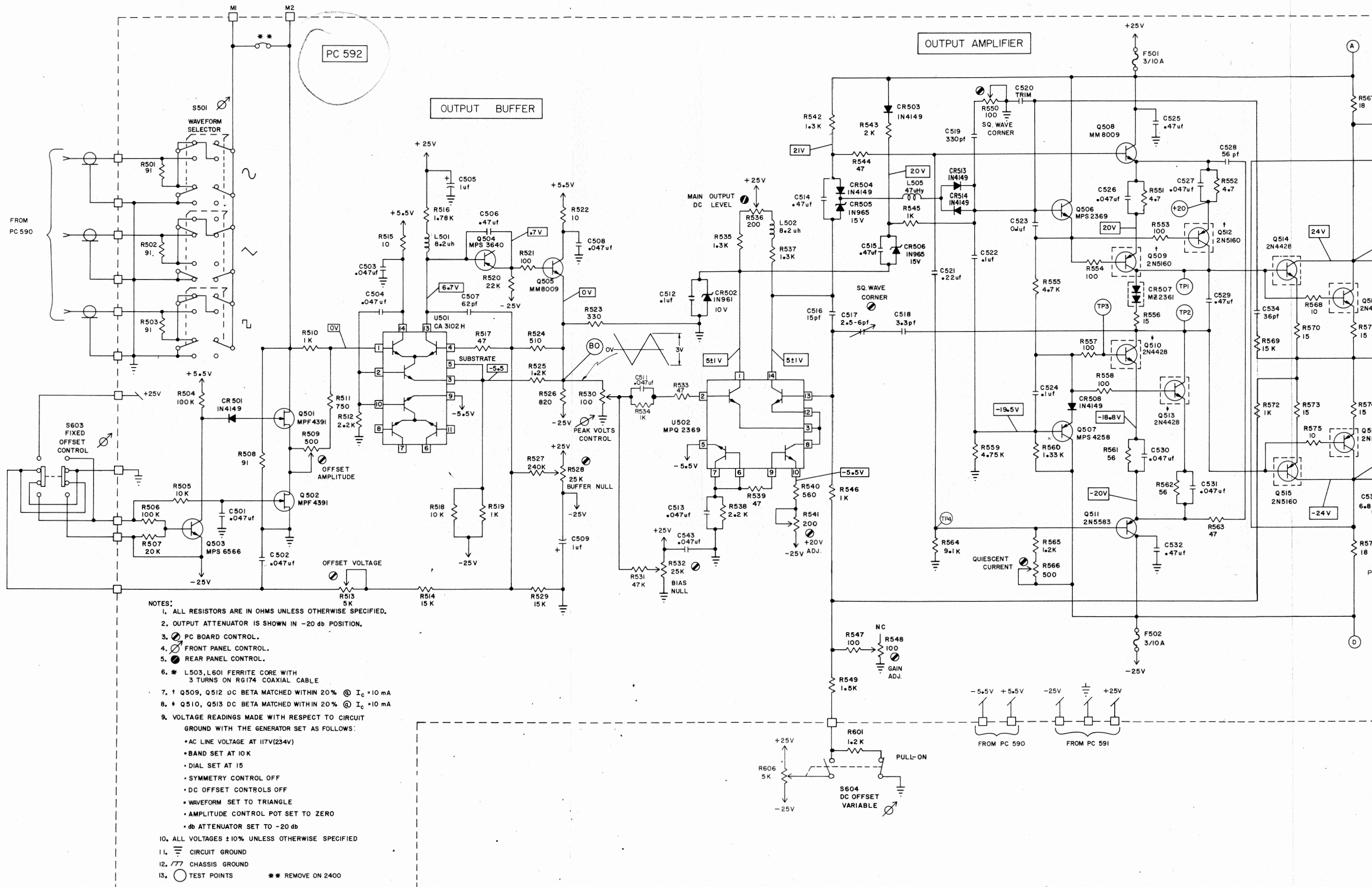
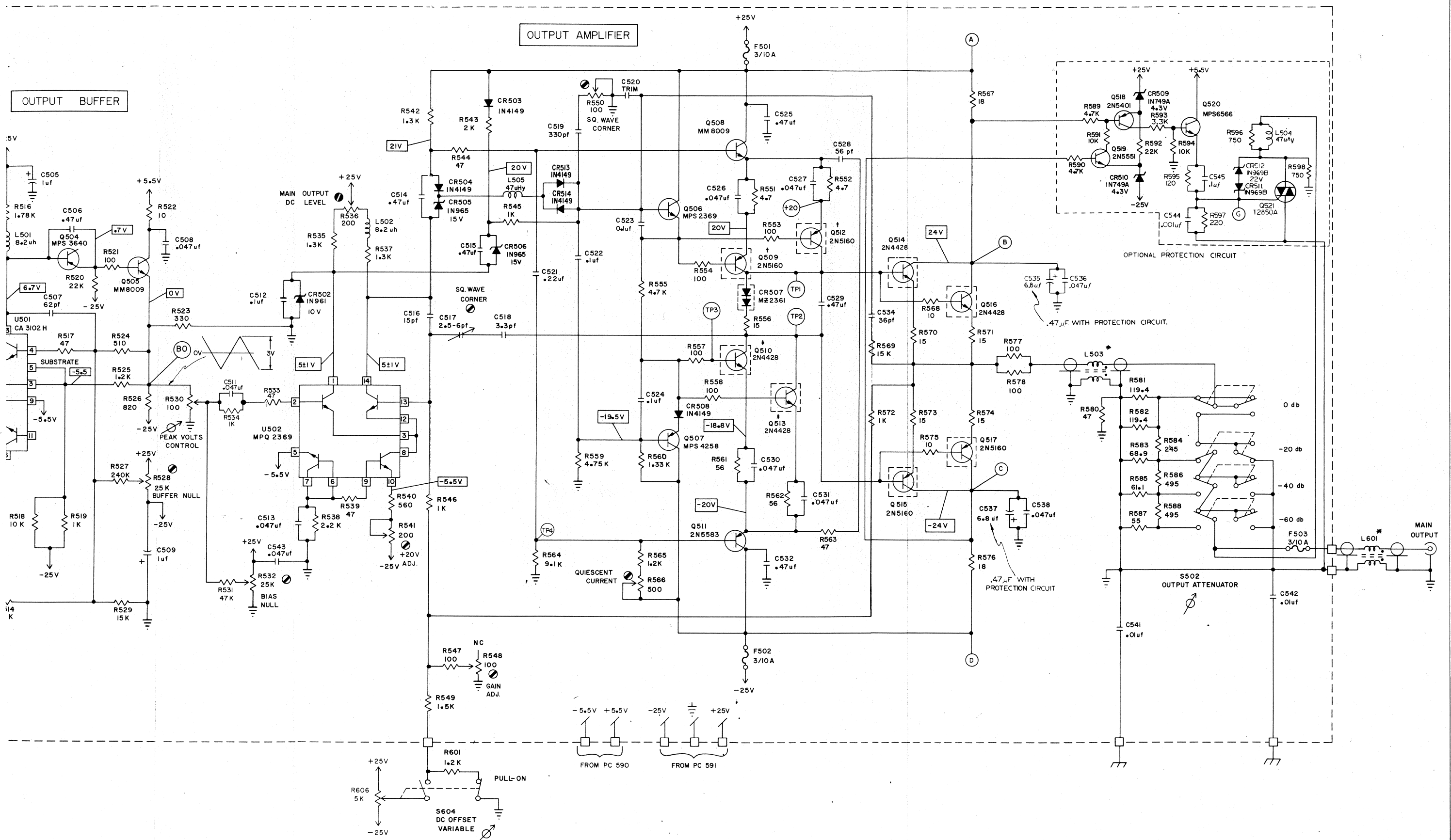








RESISTORS											
Symbol	Description				Mfr.	Part No.	Symbol	Description			
R501	91	5%	1/4W	AB	CB9105		R547	100	1%	1/4W	AB
R502	91	5%	1/4W	AB	CB9105		R548	100	POT		BKM
R503	91	5%	1/4W	AB	CB9105		R549	1.5K	1%	1/2W	KH
R504	100K	10%	1/4W	AB	CB1041		R550	100	POT		BKM
R505	10K	10%	1/4W	AB	CB1031		R551	4.7	10%	1/4W	AB
R506	100K	10%	1/4W	AB	CB1041		R552	4.7	10%	1/4W	AB
R507	20K	5%	1/4W	AB	CB2035		R553	100	10%	1/4W	AB
R508	91	5%	1/4W	AB	CB9105		R554	100	10%	1/4W	AB
R509	500	POT		BKM	72PM		R555	4.7K	10%	1/4W	AB
R510	1K	5%	1/4W	AB	CB1535		R556	15	10%	1/4W	AB
R511	750	5%	1/4W	AB	CB7515		R557	100	10%	1/4W	AB
R512	2.2K	10%	1/4W	AB	CB2221		R558	100	10%	1/4W	AB
R513	5K	POT		BKM	72PM		R559	4.75K	1%	1/4W	AB
R514	15K	10%	1/4W	AB	CB1535		R560	1.33K	1%	1/4W	AB
R515	10	10%	1/4W	AB	CB1001		R561	56	10%	1/4W	AB
R516	1.78K	1%	1/4W	AB	CC1781F		R562	56	10%	1/4W	AB
R517	47	10%	1/4W	AB	CB4701		R563	47	10%	1/4W	AB
R518	10K	10%	1/4W	AB	CB1031		R564	9.1K	5%	1/4W	AB
R519	1K	1%	3W	KH	775210		R565	1.2K	5%	1/4W	AB
R520	22K	10%	1/4W	AB	CB2231		R566	500	POT		BKM
R521	100	10%	1/4W	AB	CB1011		R567	18	10%	1W	AB
R522	10	10%	1/4W	AB	CB1001		R568	10	10%	1/4W	AB
R523	330	10%	1/4W	AB	CB3311		R569	15K	5%	1/4W	AB
R524	510	5%	1/4W	AB	CB5115		R570	15	10%	1/4W	AB
R525	1.2K	10%	1/4W	AB	CB1221		R571	15	10%	1/4W	AB
R526	820	10%	2W	AB	MB8211		R572	1K	1%	1/4W	AB
R527	240K	5%	1/4W	AB	CB2445		R573	15	10%	1/4W	AB
R528	25K	POT		BKM	72PM		R574	15	10%	1/4W	AB
R529	15K	5%	1/4W	AB	CB1535		R575	10	10%	1/4W	AB
R530	100	POT		KH	A-3707		R576	18	10%	1W	AB
R531	47K	10%	1/4W	AB	CB4731		R577	100	1%	3/4W	KID
R532	25K	POT		BKM	72PM		R578	100	1%	3/4W	KID
R533	47	10%	1/4W	AB	CB4701		R580	47	10%	1/4W	AB
R534	1K	5%	1/4W	AB	CB1025		R581	119.4	1%	3/4W	KID
R535	1.3K	5%	1/2W	AB	EB1325		R582	119.4	1%	3/4W	KID
R536	200	POT		BKM	72XW		R583	68.9	1%	1/2W	KID
R537	1.3K	5%	1/2W	AB	EB1325		R584	245	1%	1/4W	KID
R538	2.2K	10%	1/4W	AB	CB2221		R585	61.1	1%	1/2W	KID
R539	47	10%	1/4W	AB	CB4701		R586	495	1%	1/4W	KID
R540	560	10%	1W	AB	GB5611		R587	55	1%	1/2W	KID
R541	200	POT		BKM	72PM		R588	495	1%	1/4W	KID
R542	1.3K	5%	1/4W	AB	CB1325		R601	1.2K	5%	1/4W	AB
R543	2K	5%	1/4W	AB	CB2025		R606	5K	POT		
R544	47	5%	1/4W	AB	CB4705						PART OF 5604 ASSY
R545	1K	5%	1/4W	AB	CB1025						
R546	1K	5%	1/4W	AB	CB1025						

TRANSISTORS, DIODES & MISC.											
Symbol	Description				Mfr.	Part No.	Symbol	Description			
Q501	MPF4391				MOT	MPF4391	CR502	1N961		APD	1N961
Q502	MPF4391				MOT	MPF4391	CR503	1N4149		APD	1N4149
Q503	MPS6566				MOT	MPS6566	CR504	1N4149		APD	1N4149
Q504	MPS3640				MOT	MPS3640	CR505	1N965		APD	1N965
Q505	MM8009				MOT	MM8009	CR506	1N965		APD	1N965
Q506	MPS2369				MOT	MPS2369	CR507	MZ2361		MOT	MZ2361
Q507	MPS4258				MOT	MPS4258	CR508	1N4149		APD	1N4149
Q508	MM8009				MOT	MM8009	CR513	1N4149		APD	1N4149
Q509*	2N5160				MOT	2N5160	CR514	1N4149		APD	1N4149
Q510**	2N4428				MOT	2N4428	F501	FUSE, FAST BLOW, 3/10A		BUS	GFA-3/10A
Q511	2N5583				RCA	2N5583	F502	FUSE, FAST BLOW, 3/10A		BUS	GFA-3/10A
Q512*	2N5160				MOT	2N5160	F503	FUSE, FAST BLOW, 3/10A		BUS	GFA-3/10A
Q513**	2N4428				MOT	2N4428	L501	8.2μHy		DLV	1537-34
Q514	2N4428				MOT	2N4428	L502	8.2μHy		DLV	1537-34
Q515	2N5160				MOT	2N5160	L503	CORE, FERRITE		STK	768-T-18813E2A
Q516	2N4428				MOT	2N4428	L505	47μHy		DLV	1537-60
Q517	2N5160				MOT	2N5160	L601	CORE, FERRITE		STK	768-T-18813E2A
U501	CA3102H				RCA	CA3102H	S501 & S502	SWITCH PUSH-BUTTON, 7 STATION		KH	B-3575
U502	MPQ2369				MOT	MPQ2369	S603	SWITCH, SLIDE, FIXED OFFSET		SWC	G-128
CR501	1N4149				APD	1N4149	S604	SWITCH, PUSH-PULL W/GANGED POTENTIOMETER, VARIABLE OFFSET		KH	A3714

*Q509, Q512 DC Beta Matched within 20% @ I_c = 10mA

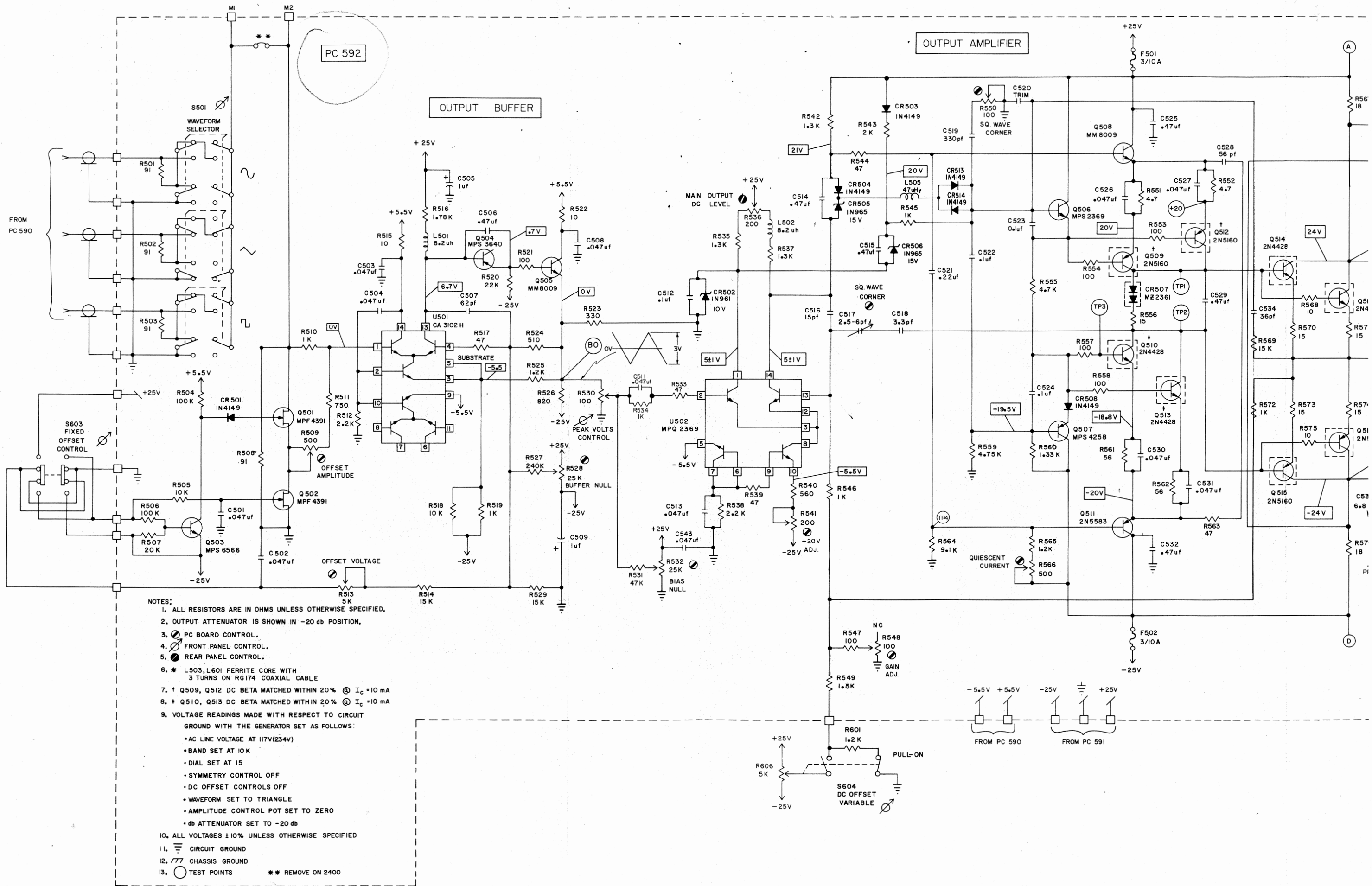
**Q510, Q513 DC Beta Matched within 20% @ I_c = 10mA

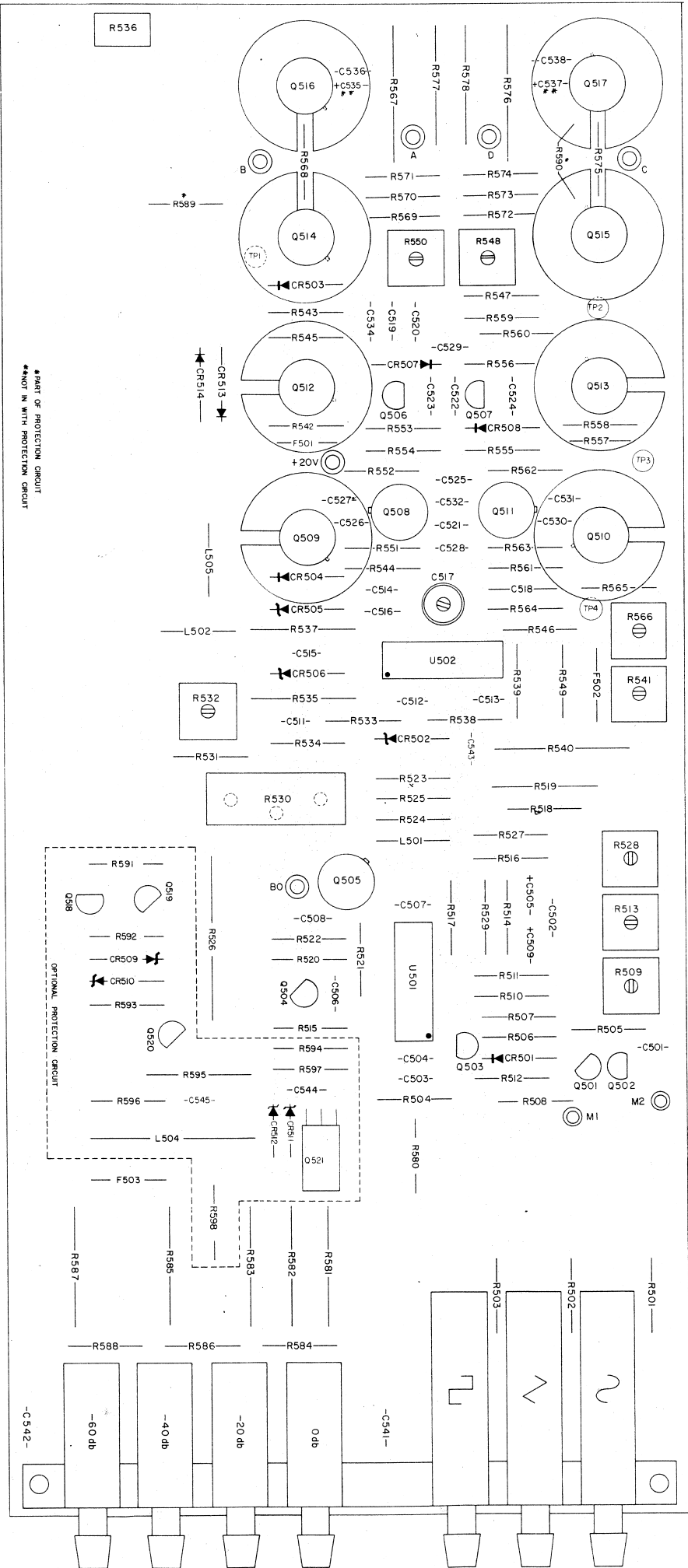
MANUFACTURERS CODE							
AB	(01121)	Allen Bradley Co.	Milwaukee, Wisc.	KH	(88865)	Krohn-Hite Corp.	Avon, Mass.
APD	(50273)	American Power Devices	Andover, Mass.	KID	(12126)	Kidco Inc.	Medford, N.J.
ASP	(82142)	Airco Speer	Dubois, Pa.	MAL	(37942)	P. R. Mallory & Co.	Indianapolis, Ind.
BKM	(30646)	Beckman Instrument Inc.	Cedar Grove, N.J.	MOT	(04713)	Motorola Semiconductor	Phoenix, Ariz.
BUS	(71400)	Bussman Mfg. Div.	St. Louis, Mo.	RCA	(49671)	Radio Corp. of America	Harrison, N.J.
DLV	(99800)	Delevan Electronics	East Aurora, N.Y.	SP	(56289)	Sprague Electric Co.	North Adams, Mass.
ELM	(72136)	Electromotive Mfg.	Willmantic, Conn.	STK	(78488)	Stackpole Carbon Co.	St. Mary's, Pa.
ERT	(72982)	Erie Technological	Erie, Pa.	STT		Stettner-Trush	Cazanovia, N.Y.
KEL	(07088)	Kelvin Resistors	Van Nuys, Calif.	SWC	(82389)	Switchcraft Inc.	Chicago, Ill.

CAPACITORS											
Symbol	Description				Mfr.	Part No.	Symbol	Description			
C501	0.047uf	20%	50V	ERT	8131-50-651-473M		C523	0.1uf	20%	100V	ERT
C502	0.047uf	20%	50V	ERT	8131-50-651-473M		C524	0.1uf	20%	100V	ERT
C503	0.047uf	20%	50V	ERT	8131-50-651-473M		C525	0.47uf	20%	100V	ERT
C504	0.047uf	20%	50V	ERT	8131-50-651-473M		C526	0.047uf	20%	50V	ERT
C505	1uf	20%	35V	MAL	TDC105M035AL		C527	0.047uf	20%	50V	ERT
C506	0.47uf	20%	100V	ERT	8131-50-651-474M		C528	56pf	10%	500V	ELM
C507	62pf	10%	500V	ELM	DM15C620K		C529	0.47uf	20%	100V	ERT
C508	0.047uf	20%	50V	ERT	8131-50-651-473M		C530	0.047uf	20%	50V	ERT
C509	1uf	20%	35V	MAL	TDC105M035AL		C531	0.047uf	20%	50V	ERT
C511	0.047uf	20%	50V	ERT	8131-50-651-473M		C532	0.47uf	20%	100V	ERT
C512	0.1uf	20%	100V	ERT	8131-100-651-104M		C534	36pf	5%	500V	ELM
C513	0.047uf	20%	50V	ERT	8131-50-651-473M		C535 *	6.8uf	20%	35V	SP
C514	0.47uf	20%	100V	ERT	8131-100-651-474M		C536	0.047uf	20%	50V	ERT
C515	0.47uf	20%	100V	ERT	8131-100-651-474M		C537 *	6.8uf	20%	35V	SP
C516	15pf	5%	500V	ELM	DM15C150J		C538	0.047uf	20%	50V	ERT
C517	2.5-6pf	TRIMMER		STT	75-TRIKO-02-2.5-6pf		C541	0.01uf	20%	500V	SP
C518	3.3pf	10%	500V	ASP	9209-33910		C542	0.01uf	20%	500V	SP
C519	330pf	10%	500V	ELM	DM15C331J		C543	0.047uf	20%	50V	ERT
C520	TRIM	10%	500V	ELM	DM15C						
C521	0.22uf	20%	50V	ERT	8131-50-651-224M						
C522	0.1uf	20%	100V	ERT	8131-100-651-104M						

*Not used with optional protection circuit.

OPTIONAL PROTECTION CIRCUIT											
Symbol	Description				Mfr.	Part No.	Symbol	Description			
R589	4.7K	10%	1/4W	AB	CB4721		Q518	2N5401		MOT	2N5401
R590	4.7K	10%	1/4W	AB	CB4721		Q519	2N5551		MOT	2N5555
R591	10K	10%	1/4W	AB	CB1031		Q520	MPS6566		MOT	MPS6566
R592	22K	10%	1/4W	AB	CB2231		Q521	T2850A		RCA	T2850A
R593	3.3K	10%	1/4W	AB	CB3321						
R594	10K	10%	1/4W	AB	CB1031		CR509	1N749A, 4.3V		APD	1N749A
R595	120	10%	1/2W	AB	EB1211		CR510	1N749A, 4.3V		APD	1N749A
R596	750	5%	1/4W	AB	CB7515		CR511	1N969B, 22V		APD	1N969B
R597	220	10%	1/4W	AB	CB2211		CR512	1N969B, 22V		APD	1N969B
R598	750	5%	1/4W	AB	CB7515						
C544	.001uf	20%	500V	SP	CO23B501E102M		L504	47uhy		DLV	2890-26
C545	0.1uf	20%	100V	ERT	8131-100-651-104M						





RESISTORS													
Symbol		Description			Mfr.	Part No.		Symbol		Description			Mfr. Part No.
R501	91	5%	1/4W	AB	CB9105	R547	100	1%	1/4W	AB	CC1000F	R581	119.4
R502	91	5%	1/4W	AB	CB9105	R548	100	POT		BKM	72PM	R582	119.4
R503	91	5%	1/4W	AB	CB9105	R549	1.5K	1%	1/2W	KH	835215	R583	68.9
R504	100K	10%	1/4W	AB	CB1041	R550	100	POT		BKM	72PM	R584	245
R505	10K	10%	1/4W	AB	CB1031	R551	4.7	10%	1/4W	AB	CB47G1	R585	61.1
R506	100K	10%	1/4W	AB	CB1041	R552	4.7	10%	1/4W	AB	CB47G1	R586	495
R507	20K	5%	1/4W	AB	CB2035	R553	100	10%	1/4W	AB	CB1011	R587	55
R508	91	5%	1/4W	AB	CB9105	R554	100	10%	1/4W	AB	CB1011	R588	495
R509	500	POT		BKM	72PM	R555	4.7K	10%	1/4W	AB	CB4721	R601	1.2K
R510	1K	5%	1/4W	AB	CB1535	R556	15	10%	1/4W	AB	CB1501	R606	5K
R511	750	5%	1/4W	AB	CB7515	R557	100	10%	1/4W	AB	CB1011		
R512	2.2K	10%	1/4W	AB	CB2221	R558	100	10%	1/4W	AB	CB1011		
R513	5K	POT		BKM	72PM	R559	4.75K	1%	1/4W	AB	CC4751F		
R514	15K	10%	1/4W	AD	CB1535	R560	1.33K	1%	1/4W	AB	CC1331F		
R515	10	10%	1/4W	AB	CB1001	R561	56	10%	1/4W	AB	CB5601		
R516	1.78K	1%	1/4W	AB	CC1781F	R562	56	10%	1/4W	AB	CB5601		
R517	47	10%	1/4W	AB	CB4701	R563	47	10%	1/4W	AB	CB4701		
R518	10K	10%	1/4W	AB	CB1031	R564	9.1K	5%	1/4W	AB	CB9125		
R519	1K	1%	3W	KH	775210	R565	1.2K	5%	1/4W	AB	CB1225		
R520	22K	10%	1/4W	AB	CB2231	R566	500	POT		BKM	72PM		
R521	100	10%	1/4W	AB	CB1011	R567	18	10%	1W	AB	GB1801		
R522	10	10%	1/4W	AB	CB1001	R568	10	10%	1/4W	AB	CB1001		
R523	330	10%	1/4W	AB	CB3311	R569	15K	5%	1/4W	AB	CB1535		
R524	510	5%	1/4W	AB	CB5115	R570	15	10%	1/4W	AB	CB1501		
R525	1.2K	10%	1/4W	AB	CB1221	R571	15	10%	1/4W	AB	CB1501		
R526	820	10%	2W	AB	MB8211	R572	1K	1%	1/4W	AB	CC1001F		
R527	240K	5%	1/4W	AB	CB2445	R573	15	10%	1/4W	AB	CB1501		
R528	25K	POT		BKM	72PM	R574	15	10%	1/4W	AB	CB1501		
R529	15K	5%	1/4W	AB	CB1535	R575	10	10%	1/4W	AB	CB1001		
R530	100	POT		KH	A-3707	R576	18	10%	1W	AB	GB1801		
R531	47K	10%	1/4W	AB	CB4731	R577	100	1%	3/4W	KID	M6-T1-100		
R532	25K	POT		BKM	72PM	R578	100	1%	3/4W	KID	M6-T1-100		
R533	47	10%	1/4W	AB	CB4701								
R534	1K	5%	1/4W	AB	CB1025	R580	47	10%	1/4W	AB	CB4701		
R535	1.3K	5%	1/2W	AB	EB1325	R581	119.4	1%	3/4W	KID	M6-T1-119.4		
R536	200	POT		BKM	72PM	R582	119.4	1%	3/4W	KID	M6-T1-119.4		
R537	1.3K	5%	1/2W	AB	EB1325	R583	68.9	1%	1/2W	KID	M5-T1-68.9		
R538	2.2K	10%	1/4W	AB	CB2221	R584	245	1%	1/4W	KID	M4-T1-245		
R539	47	10%	1/4W	AB	CB4701	R585	61.1	1%	1/2W	KID	M5-T1-61.1		
R540	560	10%	1W	AB	GB5611	R586	495	1%	1/4W	KID	M4-T1-495		
R541	200	POT		BKM	72PM	R587	55	1%	1/2W	KID	M5-T1-55		
R542	1.3K	5%	1/4W	AB	CB1325	R588	495	1%	1/4W	KID	M4-T1-495		
R543	2K	5%	1/4W	AB	CB2025								
R544	47	5%	1/4W	AB	CB4705								
R545	1K	5%	1/4W	AB	CB1025								
R546	1K	5%	1/4W	AB	CB1025								

CAPACITORS													
Symbol		Description			Mfr.	Part No.		Symbol		Description			Mfr. Part No.
C501	0.047uf	20%	50V	ERT	8131-50-651-473M	C523	0.1uf	20%	100V	ERT	8131-100-651-104M	C541	0.01uf
C502	0.047uf	20%	50V	ERT	8131-50-651-473M	C524	0.1uf	20%	100V	ERT	8131-100-651-104M	C542	0.01uf
C503	0.047uf	20%	50V	ERT	8131-50-651-473M	C525	0.47uf	20%	100V	ERT	8131-100-651-474M	C543	0.047uf
C504	0.047uf	20%	50V	ERT	8131-50-651-473M	C526	0.047uf	20%	50V	ERT	8131-50-651-473M		
C505	1uf	20%	35V	MAL	TDC105M035AL	C527	0.047uf	20%	50V	ERT	8131-50-651-473M		
C506	0.47uf	20%	100V	ERT	8131-50-651-474M	C528	56pf	10%	500V	ELM	DM15C560K		
C507	62pf	10%	500V	ELM	DM15C620K	C529	0.47uf	20%	100V	ERT	8131-100-651-474M		
C508	0.047uf	20%	50V	ERT	8131-50-651-473M	C530	0.047uf	20%	50V	ERT	8131-50-651-473M		
C509	1uf	20%	35V	MAL	TDC105M035AL	C531	0.047uf	20%	50V	ERT	8131-50-651-473M		
C511	0.047uf	20%	50V	ERT	8131-50-651-473M	C532	0.47uf	20%	100V	ERT	8131-100-651-474M		
C512	0.1uf	20%	100V	ERT	8131-100-651-104M	C534	36pf	5%	500V	ELM	DM15C360J		
C513	0.047uf	20%	50V	ERT	8131-50-651-473M	C535 *	6.8uf	20%	35V	SP	196D685X0035FB		
C514	0.47uf	20%	100V	ERT	8131-100-651-474M	C536	0.047uf	20%	50V	ERT	8131-50-651-473M		
C515	0.47uf	20%	100V	ERT	8131-100-651-474M	C537 *	6.8uf	20%	35V	SP	196D685X0035FB		
C516	15pf	5%	500V	ELM	DM15C150J	C538	0.047uf	20%	50V	ERT	8131-50-651-473M		
C517	2.5-6pf	TRIMMER		STT	75-TR1K0-02-2.5/6pf								
C518	3.3pf	10%	500V	ASP	9209-33910								
C519	330pf	10%	500V	ELM	DM15C331J								
C520	TRIM	10%	500V	ELM	DM15C								
C521	0.22uf	20%	50V	ERT	8131-50-651-224M								
C522	0.1uf	20%	100V	ERT	8131-100-651-104M								

*Not used with optional protection circuit.

TRANSISTORS				
Symbol	Description			Mfr. Part No.
Q501	MPF4391	MOT	MPF	
Q502	MPF4391	MOT	MPF	
Q503	MPF6566	MOT	MPF	
Q504	MPS3640	MOT	MPS	
Q505	MM8009	MOT	MME	
Q506	MPS2369	MOT	MPS	
Q507	MPS4258	MOT	MPS	
Q508	MM8009	MOT	MME	
Q509*	2N5160	MOT	2N	
Q510**	2N4428	MOT	2N	
Q511	2N5583	MOT	RCA	
Q512*	2N5160	MOT	2N	
Q513**	2N4428	MOT	2N	
Q514	2N4428	MOT	2N	
Q515	2N5160	MOT	2N	
Q516	2N4428	MOT	2N	
Q517	2N5160	MOT	2N	
U501	CA3102H	RCA	CA3	
U502	MPQ2369	MOT	MPC	
CR501	1N4149	APD	1N4	

*Q509, Q512 DC Beta Matched within 20% @ I_C = 10mA

**Q510, Q513 DC Beta Matched within 20% @ I_C = 10mA

MANUFACTURERS				
Symbol	Part No.	Manufacturer	Location	Notes
AB	(01121)	Allen Bradley Co.	Milwaukee, WI	
APD	(50273)	American Power Devices	Andover, MA	
ASP	(82142)	Airco Speer	Dubois, PA	
BKM	(30646)	Beckman Instrument Inc.	Cedar Grove, IL	
BUS	(71400)	Bussman Mfg. Div.	St. Louis, MO	
DLV	(99800)	Delevan Electronics	East Aurora, NY	
ELM	(72136)	Electromotive Mfg.	Willimantic, CT	
ERT	(72982)	Erie Technological	Erie, PA	
KEL	(07088)	Kelvin Resistors	Van Nuys, CA	

OPTIONAL COMPONENTS				
Symbol	Description			Mfr. Part No.
R589	4.7K	10%	1/4W	AB CB
R590	4.7K	10%	1/4W	AB CB
R591	10K	10%	1/4W	AB CB
R592	22K	10%	1/4W	AB CB
R593	3.3K	10%	1/4W	AB CB
R594	10K	10%	1/4W	AB CB
R595	120	10%	1/2W	AB EB
R596	750	5%	1/4W	AB CB
R597	220	10%	1/4W	AB CB
R598	750	5%	1/4W	AB CB
C544	.001uf	20%	500V	SP CO
C545	0.1uf	20%	100V	ERT 8131-1

RESISTORS

Description						Mfr.	Part No.	Symbol				Description				Mfr.	Part No.
R101	225	5%	5W	TL	EL-3			R129	9.76K	1%	1/4W	AB	CC9761F				
R102	3.3K	10%	1/4W	AB	CB3321			R130	150	10%	1/2W	AB	EB1511				
R103	390	10%	1/2W	AB	EB3911			R131	1K	0.1%	1/4W	KID	M4-T1-1K				
R104	100	10%	1/4W	AB	CB1011			R132	270K	10%	1/4W	AB	CB2741				
R105	3.3K	10%	1/4W	AB	CB3321			R133	470	10%	1/4W	AB	CB4711				
R106	18K	10%	1/4W	AB	CB1831			R134	1K	0.1%	1/4W	KID	M4-T1-1K				
R107	5K	POT		BKM	72PM			R135	270K	10%	1/4W	AB	CB2741				
R108	16.2K	1%	1/4W	AB	CC1622F			R136	1K	10%	1/4W	AB	CB1021				
R109	6.49K	1%	1/4W	AB	CC6491F			R137	500	0.1%	1/2W	KID	M5-T1-500				
R110	10K	10%	1/4W	AB	CB1031			R138	6.8	10%	1/4W	AB	CB68G1				
R111	100	10%	1/4W	AB	CB3321			R139	250	0.1%	1/4W	KID	M4-T1-250				
R112	3.3K	10%	1/4W	AB	EB3911			R140	500	POT		BKM	72PM				
R113	390	10%	1/2W	AB	EB3911			R141	500	POT		BKM	72PM				
R114	3.3K	10%	1/4W	AB	CB3321			R142	47	10%	1/4W	AB	CB4701				
R115	225	5%	5W	TL	EL-3			R143	5.6	10%	1/4W	AB	CB56G1				
R116	10K	10%	1/4W	AB	CB1031			R144	500	POT		BKM	72PM				
R117	10K	0.1%	1/8W	KID	M3-T1-10K			R145	6.8	10%	1/4W	AB	CB68G1				
R118	30K	0.1%	1/4W	KID	M4-T1-30K			R146	5K	0.1%	1/8W	KID	M3-T1-5K				
R119	16.2K	1%	1/4W	AB	CC1622F			R147	2.5K	0.1%	1/4W	KID	M4-T1-2.5K				
R120	1.5M	10%	1/4W	AB	CB1551			R148	500	POT		BKM	72PM				
R121	9.76K	1%	1/4W	AB	CC9761F			R149	500	POT		BKM	72PM				
R122	2.2	10%	1/2W	AB	EB22G1			R150	50K	0.1%	1/8W	KID	M3-T1-50K				
R123	1	10%	1/4W	AB	CB10G1			R151	25K	0.1%	1/4W	KID	M4-T1-25K				
R124	9.76K	1%	1/4W	AB	CC9761F			R152	500K	0.1%	1/4W	KID	M4-T1-500K				
R125	2.74K	1%	1/4W	AB	CC2741F			R153	250K	0.1%	1/4W	KID	M4-T1-250K				
R126	1	10%	1/2W	AB	EB10G1			R154	500	POT		BKM	72PM				
R127	4.7	10%	1/4W	AB	CB47G1			R155	3.3K	10%	1/4W	AB	CB3321				
R128	2.74K	1%	1/4W	AB	CC2741F			R156	3.3K	10%	1/4W	AB	CB3321				

CAPACITORS

	Description				Mfr.	Part No.		Symbol	Description				Mfr.	Part No.
C101	.001uf	20%	500V	SP	C023B501E102M		C113	20uf		50V	SP	30D206G050CC4		
C102	800uf		50V	MAL	TCW81H050L2B1P		C114	.001uf	20%	500V	SP	C023B501E102M		
C103	1uf	20%	35V	SP	196D105X0035HA1		C115	500uf		25V	MAL	TT501N025G1A1P		
C104	6.8uf	20%	35V	SP	196D685X0035FB		C116	500uf		25V	MAL	TT501N025G1A1P		
C105	100pf	10%	500V	ELM	DM15C101K		C117	6.8uf	20%	35V	SP	196D685X0035FB		
C106	1uf	20%	35V	SP	196D105X0035HA1		C118	6.8uf	20%	35V	SP	196D685X0035FB		
C107	20uf		90V	SP	30D206G050CC4		C119	.001uf	20%	500V	SP	C023B501E102M		
C108	800uf		50V	MAL	TCW81H050L2B1P		C120	.001uf	20%	500V	SP	C023B501E102M		
C109	6.8uf		35V	SP	196D685X0035FB		C121	.001uf	20%	500V	SP	C023B501E102M		
C110	1uf	20%	35V	SP	196D105X0035HA1		C122	.0047uf	5%	1000V	TRW	X463UW		
C111	100pf	10%	500V	ELM	DM15C101K		C123	0.51uf	5%	1000V	TRW	X463UW		
C112	1uf	20%	35V	SP	196D105X0035HA1		C124	.0033uf	20%	1000V	SP	5GA-033		
							C125	.0033uf	20%	1000V	SP	5GA-033		
							C126	.0033uf	20%	1000V	SP	5GA-033		
							C127	.0033uf	20%	1000V	SP	5GA-033		

TRANSISTORS, DIODES & MISC. (CONT.)

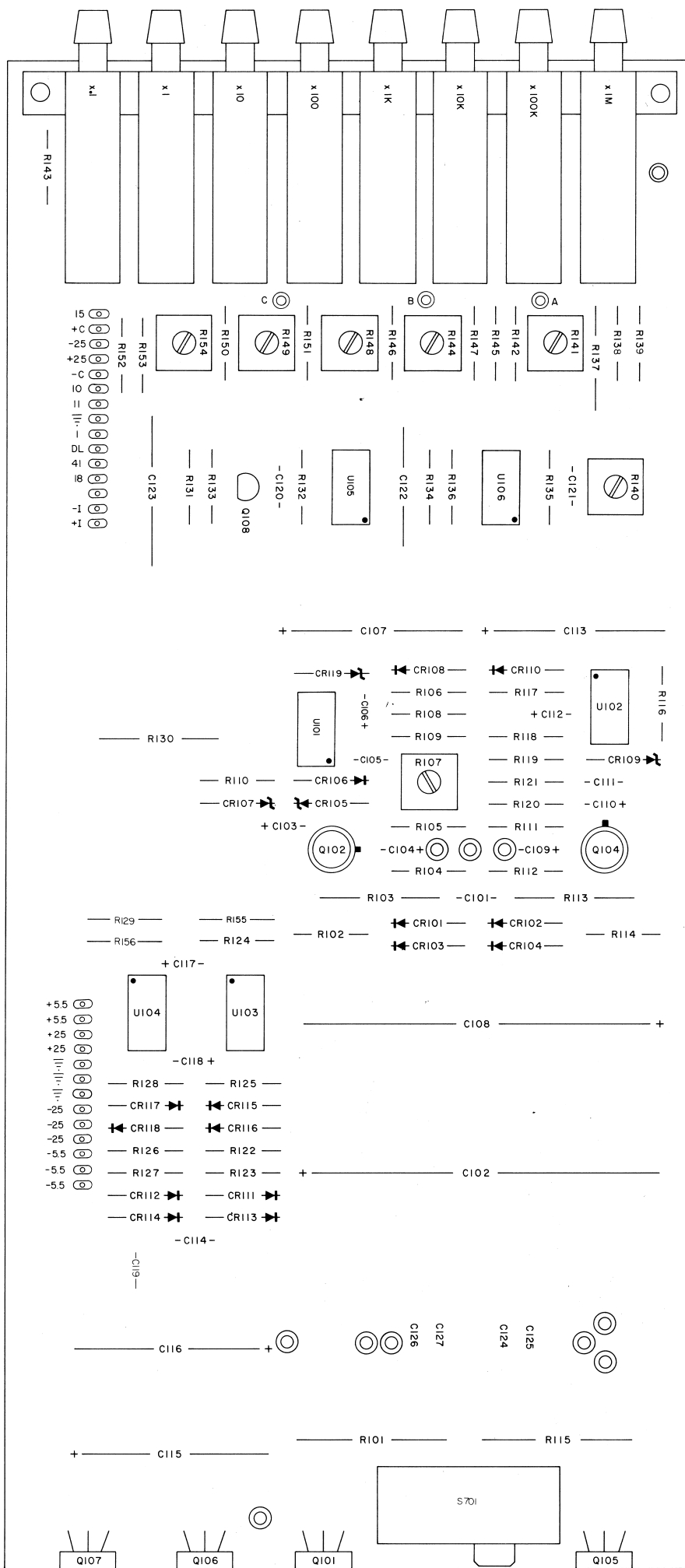
Symbol	Description	Mfr.	Part No.	Symbol	Description	Mfr.	Part No.
CR109	1N749, 4.3V	APD	1N749	J701	RECEPTACLE, POWER	SWC	EAC-301
CR110	1N4002	1TT	1N4002				
CR111	1N4002	1TT	1N4002	S101	SWITCH, PUSHBUTTON, MULTIPLIER	KH	B3674
CR112	1N4002	1TT	1N4002				
CR113	1N4002	1TT	1N4002	S601	SWITCH, TOGGLE, POWER	CK	U11
CR114	1N4002	1TT	1N4002				
CR115	1N4149	APD	1N4149	S700	SWITCH, SLIDE, NORM/LOW	SWC	46256LFR
CR116	1N4149	APD	1N4149	S701	SWITCH, SLIDE, 120V/240V	SWC	46256LFR
CR117	1N4149	APD	1N4149	S702	SWITCH, SLIDE, GROUND	SWC	GF-123
CR118	1N4149	APD	1N4149				
CR119	1N4577A, 6.4V	NS	1N4577A				
DS601	LED, INDICATOR, POWER	DIA	559-0101-003				
F701	FUSE, SLOW BLOW, 120V (2000)	BUS	MDL - .5A	T701	TRANSFORMER, POWER	KH	C3691-A
	FUSE, SLOW BLOW, 120V (2200, 2400)	BUS	MDL - 3/4A				
	FUSE, SLOW BLOW, 240V (2000)	BUS	MDL - .25A				
	FUSE, SLOW BLOW, 240V (2200, 2400)	BUS	MDL - 3/8A		LINECORD	BEL	17250B

MANUFACTURERS CODE

AB	(01121)	Allen Bradley Co.	Milwaukee, Wisc.	KID	(12126)	Kidco Inc.	Medford, N.J.
APD	(50273)	American Power Devices	Andover, Mass.	MAL	(37942)	P. R. Mallory & Co.	Indianapolis, Ind.
BKM	(30646)	Beckman Instrument Inc.	Cedar Grove, N.J.	MOT	(04713)	Motorola Semiconductor	Phoenix, Ariz.
BUS	(71400)	Bussman Mfg. Div.	St. Louis, Mo.	NS	(36462)	National Semiconductor Ltd.	Plattsburgh, N.Y.
CK	(09353)	C&K Components Inc.	Watertown, Mass.	SP	(56289)	Sprague Electric Co.	North Adams, Mass.
DLV	(99800)	Delevan Electronics	East Aurora, N.Y.	SWC	(82389)	Switchcraft Inc.	Chicago, Ill.
ELM	(72136)	Electromotive Mfg.	Williamantic, Conn.	TL	(94322)	Tel-Labs Inc.	Needham, Mass.
ITT		ITT Semiconductor	Woburn, Mass.	TRW	(84411)	TRW Capacitor Div.	Ogallala, Neb.
KH	(88865)	Krohn-Hite Corp.	Avon, Mass.	UID		UID Electronics Div., AMF Inc.	Hollywood, Fla.

TRANSISTORS, DIODES & MISC.

Symbol	Description	Mfr.	Part No.	Symbol	Description	Mfr.	Part No.
Q101	TIP32A	TI	TIP32A	U104	MC1741CP	MOT	MC1741CP
Q102	2N2219A	MOT	2N2219A	U105	LF356N	NS	LF356N
				U106	LF356N	NS	LF356N
Q104	2N2905A	MOT	2N2905A				
Q105	TIP31A	TI	TIP31A	CR101	1N4004	ITT	1N4004
Q106	TIP31A	TI	TIP31A	CR102	1N4004	ITT	1N4004
Q107	TIP32A	TI	TIP32A	CR103	1N4004	ITT	1N4004
Q108	MPS6566	MOT	MPS6566	CR104	1N4004	ITT	1N4004
				CR105	1N957B, 6.3V	APD	1N957
U101	MC1741CP	MOT	MC1741CP	CR106	1N4149	APD	1N4149
U102	MC1741CP	MOT	MC1741CP	CR107	1N967, 16V	APD	1N967B
U103	MC1741CP	MOT	MC1741CP	CR108	1N4002	ITT	1N4002



RESISTORS

	Description	Mfr.	Part No.	Symbol	Description	Mfr.	Part No.
R101	225	5%	5W	TL	EL-3		
R102	3.3K	10%	1/4W	AB	CB3321		
R103	390	10%	1/2W	AB	EB3911		
R104	100	10%	1/4W	AB	CB1011		
R105	3.3K	10%	1/4W	AB	CB3321		
R106	18K	10%	1/4W	AB	CB1831		
R107	5K	POT		BKM	72PM		
R108	16.2K	1%	1/4W	AB	CC1622F		
R109	6.49K	1%	1/4W	AB	CC6491F		
R110	10K	10%	1/4W	AB	CB1031		
R111	100	10%	1/4W	AB	CB3321		
R112	3.3K	10%	1/4W	AB	EB3911		
R113	390	10%	1/2W	AB	EB3911		
R114	3.3K	10%	1/4W	AB	CB3321		
R115	225	5%	5W	TL	EL-3		
R116	10K	10%	1/4W	AB	CB1031		
R117	10K	0.1%	1/8W	KID	M3-T1-10K		
R118	30K	0.1%	1/4W	KID	M4-T1-30K		
R119	16.2K	1%	1/4W	AB	CC1622F		
R120	1.5M	10%	1/4W	AB	CB1551		
R121	9.76K	1%	1/4W	AB	CC9761F		
R122	2.2	10%	1/2W	AB	EB2261		
R123	1	10%	1/4W	AB	CB1061		
R124	9.76K	1%	1/4W	AB	CC9761F		
R125	2.74K	1%	1/4W	AB	CC2741F		
R126	1	10%	1/2W	AB	EB1061		
R127	4.7	10%	1/4W	AB	CB47G1		
R128	2.74K	1%	1/4W	AB	CC2741F		
R129	9.76K	1%	1/4W	AB	CC9761F		
R130	150	10%	1/2W	AB	EB1511		
R131	1K	0.1%	1/4W	KID	M4-T1-1K		
R132	270K	10%	1/4W	AB	CB2741		
R133	470	10%	1/4W	AB	CB4711		
R134	1K	0.1%	1/4W	KID	M4-T1-1K		
R135	270K	10%	1/4W	AB	CB2741		
R136	1K	10%	1/4W	AB	CB1021		
R137	500	0.1%	1/2W	KID	M5-T1-500		
R138	6.8	10%	1/4W	AB	CB68G1		
R139	250	0.1%	1/4W	KID	M4-T1-250		
R140	500	POT		BKM	72PM		
R141	500	POT		BKM	72PM		
R142	47	10%	1/4W	AB	CB4701		
R143	5.6	10%	1/4W	AB	CB56G1		
R144	500	POT		BKM	72PM		
R145	6.8	10%	1/4W	AB	CB68G1		
R146	5K	0.1%	1/8W	KID	M3-T1-5K		
R147	2.5K	0.1%	1/4W	KID	M4-T1-2.5K		
R148	500	POT		BKM	72PM		
R149	500	POT		BKM	72PM		
R150	50K	0.1%	1/8W	KID	M3-T1-50K		
R151	25K	0.1%	1/4W	KID	M4-T1-25K		
R152	500K	0.1%	1/4W	KID	M4-T1-500K		
R153	250K	0.1%	1/4W	KID	M4-T1-250K		
R154	500	POT		BKM	72PM		
R155	3.3K	10%	1/4W	AB	CB3321		
R156	3.3K	10%	1/4W	AB	CB3321		

CAPACITORS

	Description	Mfr.	Part No.	Symbol	Description	Mfr.	Part No.
C101	.001uf	20%	500V	SP	C0238501E102M		
C102	800uf		50V	MAL	TCW81H050L2B1P		
C103	1uf	20%	35V	SP	196D105X0035HA1		
C104	6.8uf	20%	35V	SP	196D685X0035FB		
C105	100pf	10%	500V	ELM	DM15C101K		
C106	1uf	20%	35V	SP	196D105X0035HA1		
C107	20uf		50V	SP	30D206G050CC4		
C108	800uf		50V	MAL	TCW81H050L2B1P		
C109	6.8uf		35V	SP	196D685X0035FB		
C110	1uf	20%	35V	SP	196D105X0035HA1		
C111	100pf	10%	500V	ELM	DM15C101K		
C112	1uf	20%	35V	SP	196D105X0035HA1		
C113	20uf		50V	SP	30D206G050CC4		
C114	.001uf	20%	500V	SP	C0238501E102M		
C115	500uf		25V	MAL	TT501N025G1A1P		
C116	500uf		25V	MAL	TT501N025G1A1P		
C117	6.8uf	20%	35V	SP	196D685X0035FB		
C118	6.8uf	20%	35V	SP	196D685X0035FB		
C119	.001uf	20%	500V	SP	C0238501E102M		
C120	.001uf	20%	500V	SP	C0238501E102M		
C121	.001uf	20%	500V	SP	C0238501E102M		
C122	.0047uf	5%	1000V	TRW	X463UW		
C123	0.51uf	5%	1000V	TRW	X463UW		
C124	.0033uf	20%	1000V	SP	5GA-D33		
C125	.0033uf	20%	1000V	SP	5GA-D33		
C126	.0033uf	20%	1000V	SP	5GA-D33		
C127	.0033uf	20%	1000V	SP	5GA-D33		

TRANSISTORS, DIODES & MISC.

Symbol	Description	Mfr.	Part No.	Symbol	Description	Mfr.	Part No.
Q101	TIP32A	TI	TIP32A	U104	MC1741CP	MOT	MC1741CP
Q102	2N2219A	MOT	2N2219A	U105	LF356N	NS	LF356N
Q104	2N2905A	MOT	2N2905A	U106	LF356N	NS	LF356N
Q105	TIP31A	TI	TIP31A	CR101	1N4004	ITT	1N4004
Q106	TIP31A	TI	TIP31A	CR102	1N4004	ITT	1N4004
Q107	TIP32A	TI	TIP32A	CR103	1N4004	ITT	1N4004
Q108	MPS6566	MOT	MPS6566	CR104	1N4004	ITT	1N4004
U101	MC1741CP	MOT	MC1741CP	CR105	1N957B, 6.3V	APD	1N957
U102	MC1741CP	MOT	MC1741CP	CR106	1N4149	APD	1N4149
U103	MC1741CP	MOT	MC1741CP	CR107	1N967, 16V	APD	1N967B
				CR108	1N4002	ITT	1N4002

TRANSISTORS,

Symbol	Description	Mfr.	Part No.
CR109	1N749, 4.3V	APD	1N749
CR110	1N4002	ITT	1N4002
CR111	1N4002	ITT	1N4002
CR112	1N4002	ITT	1N4002
CR113	1N4002	ITT	1N4002
CR114	1N4002	ITT	1N4002
CR115	1N4149	APD	1N4149
CR116	1N4149	APD	1N4149
CR117	1N4149	APD	1N4149
CR118	1N4149	APD	1N4149
CR119	1N4577A, 6.4V	NS	1N457
DS601	LED, INDICATOR, POWER	DIA	559-0
F701	FUSE, SLOW BLOW, 120V (2000)	BUS	MDL-3
	FUSE, SLOW BLOW, 120V (2200, 2400)	BUS	MDL-3
	FUSE, SLOW BLOW, 240V (2000)	BUS	MDL-3
	FUSE, SLOW BLOW, 240V (2200, 2400)	BUS	MDL-3

MANUFACTURER

AB (01121)	Allen Bradley Co.	Milwaukee, Wis.
APD (50273)	American Power Devices	Andover, Mass.
BKM (30646)	Beckman Instrument Inc.	Cedar Grove, N.J.
BUS (71400)	Bussman Mfg. Div.	St. Louis, Mo.
CK (09353)	C&K Components Inc.	Waterbury, Conn.
DLV (99800)	Delevan Electronics	East Aurora, N.Y.
ELM (72136)	Electromotive Mfg.	Willimantic, Conn.
ITT	ITT Semiconductor	Woburn, Mass.
KH (88865)	Krohn-Hite Corp.	Avon, Mass.