

R,P,C

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OSCILLOSCOPE

No	Ω/F	%	W/V	No	Ω/F	%	W/V
R1	2.2	20	1	R35	330 k	5	0.25
R2	220	5	0.25	R36	10 k	5	0.25
R3	9.1 k	5	0.25	R37	100 k	5	0.25
R4	200 k	1	0.9	R38	75 k	1	0.9
R5	10 k	1	0.9	R39	10 k	5	0.25
R6	0.47	20	1	R40	1 k	5	0.25
R7	1 k	5	0.25	R41	1 M	5	0.5
R8	82	5	0.25	R42	100	5	0.25
R9	1 k	5	0.25	R43	560	5	0.25
R10	10 k	1	0.9	R44	1.5	20	1
R11	10 k	1	0.9	R45	1 k	5	0.25
R12	20 k	1	0.9	R46	10 k	5	1
R13	10 k	1	0.9	R47	33 M	5	0.5
R14	10 k	1	0.9	R48	10 M	5	1
R15	120 k	5	0.25	R49	10 M	5	1
R16	1.8 k	5	0.25	R50	1 M	5	0.5
R17	0.47	20	1	R51	4.7 M	5	1
R18	470	5	0.25	R52	47 k	5	0.25
R19	1.8 k	5	0.25	R53	1 M	5	0.25
R20	3 k	5	0.25	R54	100 k	5	0.25
R21	3.3 k	5	0.25	R55	100 k	5	0.25
R22	43	5	2	R56	220 k	5	0.25
R23	470	5	0.25	R57	22	5	0.5
R24	200	5	0.25	R58	22	5	0.5
R25	470	5	0.25	R59	10	5	0.25
R26	1 k	5	0.25	R60	30 k	5	0.25
R27	68 k	5	0.25	R61	2.2 k	5	0.25
R28	1.5 k	5	0.25	R62	4.7 k	5	0.25
R29	2.4 k	5	0.25	R63	510	5	0.25
R30	18 k	5	0.25	R64	4.7 k	5	0.25
R31	200	5	0.25	R66	1.2 k	5	0.25
R32	47	5	0.25	R67	1 k	5	0.25
R33	10	5	0.25	R68	750	5	0.25
R34	10 k	5	0.25				

R,P,C

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OSCILLOSCOPE

No	Ω/F	%	W/V	No	Ω/F	%	W/V
R69	13 k	5	0.25	R103	8.2 k	5	0.25
R70	3.01 k	1	0.9	R104	10	5	0.25
R71	10 k	1	0.9	R105	3.3 k	5	0.25
R72	470	5	0.25	R106	3.3 k	5	0.25
R73	750	1	0.9	R107	909	1	0.9
R74	4.7 k	5	0.25	R108	909	1	0.9
R75	215	1	0.9	R109	158	1	0.9
R76	3.92 k	1	0.9	R110	75	5	0.25
R77	18.2 k	1	0.9	R111	47 k	5	0.25
R78	82 k	5	0.25	R112	11 k	5	0.25
R79	33 k	5	0.25	R113	562	1	0.9
R80	6.8 k	5	0.25	R114	562	1	0.9
R81	1 k	5	0.25	R115	681	1	0.9
R82	82 k	5	0.25	R116	1.1 k	1	0.9
R83	47 k	5	0.25	R117	1.1 k	1	0.9
R84	33 M	5	0.5	R118	1.62 k	1	0.9
R85	1 k	5	0.25	R119	1.62 k	1	0.9
R86	15 k	5	0.25	R120	470	5	0.25
R87	100	5	0.25	R121	56	5	0.25
R88	560	5	0.25	R122	56	5	0.25
R89	220	5	0.25	R123	56	5	0.25
R90	10 k	1	0.9	R124	56	5	0.25
R91	1 k	5	0.25	R125	75	5	0.25
R92	18 k	5	0.25	R126	75	5	0.25
R93	12 k	5	0.25	R127	619	1	0.9
R94	2.2 k	5	0.25	R128	619	1	0.9
R95	2.2 k	5	0.25	R129	243	1	0.9
R96	10	5	0.25	R130	100	5	0.25
R97	1 k	5	0.25	R131	619	1	0.9
R98	470	5	0.25	R132	619	1	0.9
R99	1.2 k	5	0.25	R133	100	5	0.25
R100	2.2 k	5	0.5	R134	100	5	0.25
R101	100	5	0.25	R135	931	1	0.9
R102	22 k	5	0.25	R136	909	1	0.9

No	Ω/F	%	W/V	No	Ω/F	%	W/V
R137	909	1	0.9	R230	100	5	0.25
R138	47	5	0.25	R231	619	1	0.9
R139	47	5	0.25	R232	619	1	0.9
R140	10 k	5	0.25	R233	100	5	0.25
R141	10 k	5	0.25	R234	100	5	0.25
R142	1.5 k	5	0.25	R235	931	1	0.9
				R236	909	1	0.9
R201	100	5	0.25	R237	909	1	0.9
R202	22 k	5	0.25	R238	47	5	0.25
R203	8.2 k	5	0.25	R239	47	5	0.25
R204	10	5	0.25	R240	10 k	5	0.25
R205	3.3 k	5	0.25	R241	10 k	5	0.25
R206	3.3 k	5	0.25	R242	1.5 k	5	0.25
R207	909	1	0.9				
R208	909	1	0.9	R301	806	1	0.9
R209	158	1	0.9	R302	806	1	0.9
R210	75	5	0.25	R303	2.21 k	1	0.9
R211	47 k	5	0.25	R304	280	1	0.9
R212	11 k	5	0.25	R305	681	1	0.9
R213	562	1	0.9	R306	681	1	0.9
R214	562	1	0.9	R307	43.2	1	0.9
R215	681	1	0.9	R308	43.2	1	0.9
R216	1.1 k	1	0.9	R309	1.5 k	5	0.25
R217	1.1 k	1	0.9	R310	68.1	1	0.9
R218	1.62 k	1	0.9	R311	68.1	1	0.9
R219	1.62 k	1	0.9	R312	270	5	0.25
R220	470	5	0.25	R313	47	5	0.25
R221	56	5	0.25	R314	820	5	0.25
R222	56	5	0.25	R315	820	5	0.25
R223	56	5	0.25	R316	169	1	0.9
R224	56	5	0.25	R317	169	1	0.9
R225	75	5	0.25	R318	150	5	0.25
R226	75	5	0.25	R319	18 k	5	0.25
R227	619	1	0.9	R320	2 k	5	0.25
R228	619	1	0.9	R321	432	1	0.9
R229	243	1	0.9	R322	432	1	0.9

No	Ω/F	%	W/V	No	Ω/F	%	W/V
R323	56	5	0.25	R363	1 k	5	0.25
R324	150	5	0.25	R364	2 k	5	0.25
R325	100	1	0.9	R365	1 k	5	0.25
R326	100	1	0.9	R366	3.3 k	5	0.25
R327	100	1	0.9	R367	43	5	0.25
R328	100	1	0.9	R368	43	5	0.25
R329	100	1	0.9				
R330	100	1	0.9	R501	1.62 k	1	0.9
R331	3.48 k	1	0.9	R502	499 k	1	0.9
R332	3.48 k	1	0.9	R503	47	5	0.25
R333	3.97 k	0.5	0.9	R504	453 k	1	0.9
R334	3.97 k	0.5	0.9	R505	56.2 k	1	0.9
R335	330	5	0.25	R506	47	5	0.25
R336	330	5	0.25	R507	499 k	1	0.9
R337	800			R508	6.8 k	5	0.25
R338	800			R509	680	5	0.25
R339	68	5	2	R510	560	5	0.25
R340	1.4 k	1	0.9	R511	4.7 k	5	0.25
R341	1.4 k	1	0.9	R512	3.9 k	5	0.25
R342	330	5	0.25	R513	510	5	0.25
R343	510	5	0.25	R514	510	5	0.25
R344	75	5	0.25	R515	150	5	0.25
				R516	1.8 k	5	0.25
R351	100	5	0.25	R517	33	5	0.25
R352	100	5	0.25	R518	47	5	0.25
R353	100	5	0.25	R519	510	5	0.25
R354	100	5	0.25	R520	10	5	0.25
R355	1 k	5	0.25	R521	10	5	0.25
R356	1 k	5	0.25	R522	HPR531		
R357	1 k	5	0.25	R523	HPR531		
R358	1 k	5	0.25	R524	360	5	0.25
R359	560	5	0.25	R525	360	5	0.25
R360	1.3 k	5	0.25	R526	150	5	0.25
R361	2.2 k	5	0.25	R527	560	5	0.25
R362	2.2 k	5	0.25	R528	4.7 k	5	0.25

No	Ω/F	%	W/V	No	Ω/F	%	W/V
R529	1 k	5	0.25	R563	1 k	5	0.25
R530	47	5	0.25	R564	4.7 k	5	0.25
R531	100	5	0.25	R565	1 k	5	0.25
R532	32.4 k	1	0.9	R566	6.2 k	5	0.25
R533	3.9 k	5	0.25	R567	360	5	0.25
R534	2.2 k	5	0.25	R568	1.8 k	5	0.25
R535	510	5	0.25	R569	680	5	0.25
R536	510	5	0.25	R570	1.2 k	5	0.25
R537	1.8 k	5	0.25	R571	1.2 k	5	0.25
R538	2.94 k	1	0.9	R572	10	5	0.25
R539	3.4 k	1	0.9	R573	4.7 k	5	0.25
R540	1 k	5	0.25	R574	30 k	5	0.25
R541	47 k	5	0.25	R575	510	5	0.25
R542	47 k	5	0.25	R576	200	5	0.25
R543	100 k	5	0.25	R577	5.62 k	1	0.9
R544	47 k	5	0.25	R578	2.94 k	1	0.9
R545	220 k	5	0.25	R579	510	5	0.25
R546	220 k	5	0.25	R580	510	5	0.25
R547	330	5	0.25	R581	10 k	5	0.25
R548	10 k	5	0.25	R582	39 k	5	0.25
R549	4.7 k	5	0.25	R583	10 k	5	0.25
R550	4.7 k	5	0.25	R584	10 k	5	0.25
R551	27 k	5	0.25	R585	39 k	5	0.25
R552	2 k	5	0.25	R586	15 k	5	0.25
R553	27 k	5	0.25	R587	510	5	0.25
R554	10 k	5	0.25	R588	4.7 k	5	0.25
R555	10 k	5	0.25	R589	100	5	0.25
R556	100	5	0.25	R590	510	5	0.25
R557	1 k	5	0.25	R591	15 k	5	0.25
R558	24 k	5	0.25	R592	510	5	0.25
R559	10 k	5	0.25	R593	4.7 k	5	0.25
R560	10	5	0.25	R594	1 k	5	0.25
R561	100	5	0.25	R595	6.2 k	5	0.25
R562	30 k	5	0.25	R596	3.9 k	5	0.25

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OSCILLOSCOPE

No	Ω/F	%	W/V	No	Ω/F	%	W/V
R597	8.2 k	5	0.25	R631	4.7 k	5	0.25
R598	6.98 k	1	0.9	R632	2 k	5	0.25
R599	4.87 k	1	0.9	R633	1.1 k	5	0.25
				R634	560	5	0.25
R601	1.62 k	1	0.9	R635	3.3 k	5	0.25
R602	499 k	1	0.9	R636	10 k	5	0.25
R603	499 k	1	0.9	R637	1 k	5	0.25
R604	6.8 k	5	0.25	R638	200	5	0.25
R605	680	5	0.25	R639	510	5	0.25
R606	560	5	0.25	R640	15 k	5	0.25
R607	4.7 k	5	0.25	R641	330	5	0.25
R608	3.9 k	5	0.25	R642	10 k	5	0.25
R609	510	5	0.25	R643	5.11 k	1	0.9
R610	510	5	0.25	R644	4.87 k	1	0.9
R611	150	5	0.25	R645	39	5	0.25
R612	1.8 k	5	0.25	R646	100	5	0.25
R613	33	5	0.25	R647	33	5	0.25
R614	47	5	0.25	R648	619	1	0.9
R615	510	5	0.25	R649	6.04 k	1	0.9
R616	10	5	0.25	R650	732	1	0.9
R617	1.5 k	5	0.25	R651	2.61 k	1	0.9
R618	3.3 k	5	0.25	R652	1 k	1	0.9
R619	4.7 k	5	0.25	R653	10 k	5	0.25
R620	HPR531			R654	1 k	5	0.25
R621	HPR531			R655	15 k	5	0.25
R622	360	5	0.25	R656	2 k	5	0.25
R623	360	5	0.25	R657	1 k	5	0.25
R624	150	5	0.25	R658	1 k	5	0.25
R625	560	5	0.25	R659	240	5	0.25
R626	39 k	5	0.25	R660	2.55 k	1	0.9
R627	5.1 k	5	0.25	R661	60.4 k	1	0.9
R628	10 k	5	0.25	R662	150 k	5	0.25
R629	10 k	5	0.25	R663	150 k	5	0.25
R630	1 k	5	0.25	R664	49.9 k	1	0.9

No	Ω/F	%	W/V	No	Ω/F	%	W/V
R665	150	5	0.25	R704	820	5	0.25
R666	22	5	0.25	R705	120	5	0.25
R667	150	5	0.25	R706	33	5	0.25
R668	360	5	0.25	R707	4.7 k	5	0.25
R669	1 k	5	0.25	R708	56 k	5	0.25
R670	2 k	1	0.9	R709	4.7 k	5	0.25
R671	8.06 k	1	0.9	R710	56 k	5	0.25
R672	3.3 k	5	0.25	R711	4.7 k	5	0.25
R673	3.3 k	5	0.25	R712	56 k	5	0.25
R674	3.3 k	5	0.25	R713	4.7 k	5	0.25
R675	60.4 k	1	0.9	R714	56 k	5	0.25
R676	150 k	5	0.25	R715	10	5	0.25
R677	150 k	5	0.25	R716	7.15 k	1	0.9
R678	49.9 k	1	0.9	R717	4.7 k	5	0.25
R679	470	5	0.25	R718	2 k	5	0.25
R680	12 k	5	0.25	R719	10	5	0.25
R681	HPR530			R720	7.15 k	1	0.9
R682	5.11 k	1	0.9	R721	4.7 k	5	0.25
R683	4.99 k	1	0.9	R722	2 k	5	0.25
R684	3.3 k	5	0.25	R723	100	5	0.25
R685	180	5	0.25	R724	510	5	0.25
R686	1.6 k	5	0.25	R725	510	5	0.25
R687	15 k	5	0.25	R727	270	5	0.25
R688	47	5	0.25	R728	100	5	0.25
R689	510	5	0.25	R729	2 k	5	0.25
R690	3.3 k	5	0.25	R730	2 k	5	0.25
R691	1 k	5	0.25	R731	1.5 k	5	0.25
R692	221	1	0.9	R732	510	5	0.25
R693	130	5	0.25	R733	1.8 k	5	0.25
R694	221	1	0.9	R734	100 k	5	0.25
R695	130	5	0.25	R735	100 k	5	0.25
R696	10 k	5	0.25	R736	4.7 k	5	0.25
R697	15 k	5	0.25	R737	2 k	5	0.25
R701	100	5	0.25	R738	1 k	5	0.25
R702	75	5	0.25	R739	2.7 k	5	0.25
R703	200	5	0.25				

No	Ω/F	%	W/V	No	Ω/F	%	W/V
R740	47 k	5	0.25	R771	300	5	0.25
R741	523	1	0.9	R772	100	5	0.25
R742	169	1	0.9	R773	47	5	0.25
R743	1.05 k	1	0.9	R774	47	5	0.25
R744	1	0.1ohm	0.25	R775	22	5	0.25
R745	200	5	0.25	R776	22	5	0.25
R746	2 k	5	0.25	R777	360 k	5	0.25
R747	2 k	5	0.25	R778	360 k	5	0.25
R748	576	1	0.9	R779	2.74 k	1	0.9
R749	576	1	0.9	R780	75 k	5	0.25
R750	75	5	0.25	R801	56	5	0.25
R751	715	1	0.9	R802	1 M	5	0.25
R752	619	1	0.9	R803	56	5	0.25
R753	10 k	5	0.25	R804	898 k	0.5	0.4
R754	62	5	0.25	R805	111 k	0.5	0.9
R755	18.2 k	1	0.9	R806	62	5	0.125
R756	18.2 k	1	0.9	R807	898 k	0.5	0.4
R757	560	5	0.25	R808	111 k	0.5	0.9
R758	1 k	5	0.25	R809	36	5	0.125
R759	1 k	5	0.25	R810	27	5	0.125
R760	1	0.1ohm	0.25	R811	796 k	0.5	0.4
R761	100	5	0.25	R812	249 k	1	0.9
R762	576	1	0.9	R813	33	5	0.125
R763	5.9 k	1	0.9	R814	499 k	1	0.9
R764	1.6 k	5	0.25	R815	1 M	1	0.9
R765	1.6 k	5	0.25	R816	1 M	1	0.9
R766	20 k	5	0.25	R817	470 k	5	0.25
R767	20 k	5	0.25	R818	20	5	0.25
R768	560	5	0.25	R819	20	5	0.25
R769	560	5	0.25	R820	620	5	0.25
R770	430	5	0.25	R821	10	5	0.25

R,P,C

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OSCILLOSCOPE

No	Ω/F	%	W/V	No	Ω/F	%	W/V
C1	220 μ		250	C27	47 p	5	400
C2	100 n	+50 -20	40	C28	100 n	+50 -20	40
C3	100 n	+50 -20	40	C29	10 n	10	400
C4	47 p	5	400	C30	100 n	+50 -20	40
C5	100 n	20	250	C31	100 n	20	100
C6	2200 μ		16	C32	47 n	+50 -20	40
C7	2200 μ		16	C33	10 n	20	1500
C8	100 n	+50 -20	40	C34	470 p	+20 -50	3k
C9	10 n	+50 -20	40	C35	10 n	20	1500
C10	100 n	+50 -20	40	C36	180 p	20	2k
C11	47 p	5	400	C37	22 n	20	1500
C12	10 μ		25	C38	100 n	20	250
C13	10 n	+50 -20	40	C39	10 n	20	1500
C14	22 μ		25	C40	100 n	20	250
C15	2200 μ		25	C41	100 p	20	400
C16	680 n	10	100	C42	1 n	20	3 k
C17	1 n	+50 -20	400	C43	1 n	20	3k
C18	47 n	+50 -20	40	C44	470 p	+20 -50	3k
C19	10 μ		25	C45	470 p	+20 -50	3k
C20	100 n	+50 -20	40	C46	1 n	20	3k
C21	47 μ		20	C47	470 p	+20 -50	3k
C22	10 n	+50 -20	40	C48	470 p	+20 -50	3k
C23	10 n	20	630	C49	1 n	20	3k
C24	100 n	20	250	C50	470 p	+20 -50	3k
C25	100 n	20	250	C51	470 p	+20 -50	3k
C26	100 n	+50 -20	40	C52	1 n	20	3k

No	Ω/F	%	W/V	No	Ω/F	%	W/V
C58	470 p	+20 -50	3k	C85	470 p	+20 -50	3k
C59	10 n	20	1500	C86	47 p	5	400
C60	100 n	20	250	C101	100 n	+50 -20	40
C61	100 n	20	250	C102	100 n	+50 -20	40
C62	4.7 n	+50 -20	400	C103	100 n	+50 -20	40
C63	4.7 n	+50 -20	400	C104	15 p	5	400
C65	4.7 n	+50 -20	400	C105	47 p	5	400
C66	10 μ		25	C106	47 p	5	400
C67	100 n	+50 -20	40	C107	100 n	+50 -20	40
C68	100 n	+50 -20	40	C108	33 p	5	400
C69	100 p	20	400	C109	33 p	5	400
C70	18 p	5	400	C110	100 n	+50 -20	40
C71	100 n	+50 -20	40	C111	3.5-13 p		160
C72	10 n	10	400	C112	4.5-20 p		160
C73	100 n	20	250	C113	4.5-20 p		160
C74	1 p	0.5p	400	C114	100 n	+50 -20	40
C75	1 n	20	3k	C201	100 n	+50 -20	40
C76	1 n	20	3k	C202	100 n	+50 -20	40
C77	1 n	20	3k	C203	100 n	+50 -20	40
C79	150 p	20	400	C204	15 p	5	400
C80	10 μ		16	C205	47 p	5	400
C81	100 n	+50 -20	40	C206	47 p	5	400
C82	100 n	20	250	C207	100 n	+50 -20	40
C83	10 μ		25	C208	33 p	5	400
C84	22 μ		40	C209	33 p	5	400

R,P,C

-11-

OSCILLOSCOPE

No	Ω/F	%	W/V	No	Ω/F	%	W/V
C210	100 n	+50 -20	40	C320	0.2-1.5 p		
C211	3.5-13 p		160	C321	100 n	10	250
C212	4.5-20 p		160	C322	100 n	+50 -20	40
C213	4.5-20 p		160	C323	10 μ		16
C214	100 n	+50 -20	40	C324	10 μ		25
C215	150 p	20	400	C351	1 n	+50 -20	400
C301	100 n	+50 -20	40	C352	1 n	+50 -20	400
C302	10 μ		10	C353	10 μ		10
C303	10 μ		10	C354	100 n	+50 -20	40
C304	1 n	+50 -20	400	C355	100 n	+50 -20	40
C305	1 n	+50 -20	400	C501	100 n	+50 -20	40
C306	33 p	5	400	C502	18 p	5	400
C307	33 p	5	400	C503	7-35 p		160
C308	100 n	+50 -20	40	C504	1 p	0.5p	400
C309	22 p	5	400	C505	33 n	10	250
C310	470 p	20	400	C506	1.5 p	0.5p	400
C311	4.5-20 p		160	C507	10 n	+50 -20	40
C312	56 p	5	400	C508	10 n	+50 -20	40
C313	15 p	5	400	C509	100 n	+50 -20	40
C314	100 n	+50 -20	40	C510	47 μ		10
C315	22 p	5	400	C511	10 n	+50 -20	40
C316	100 n	+50 -20	40	C512	82 p	5	400
C317	100 n	+50 -20	40	C513	82 p	5	400
C318	33 p	5	400	C514	4.7 n	+50 -20	400
C319	1 p	0.5p	400	C515	1 n	+50 -20	400

No	Ω/F	%	W/V	No	Ω/F	%	W/V
C516	100 n	+50 -20	40	C542	47 n	10	250
C517	1 M		35	C543	4.7 μ		40
C518	1 M		35	C544	100 n	+50 -20	40
C519	100 n	+50 -20	40	C545	100 n	+50 -20	40
C520	100 n	+50 -20	40	C546	100 n	+50 -20	40
C521	100 n	+50 -20	40	C547	15 p	5	400
C522	1 n	+50 -20	400	C601	33 n	10	250
C523	10 μ		25	C602	100 p	20	400
C524	100 n	+50 -20	40	C603	10 n	+50 -20	40
C525	100 n	+50 -20	40	C604	1.5 p	0.5p	400
C526	33 p	5	400	C605	10 n	+50 -20	40
C527	10 n	+50 -20	40	C606	4.7 μ		40
C528	47 μ		10	C607	47 μ		10
C529	220 p	20	400	C608	82 p	5	400
C530	100 p	20	400	C609	82 p	5	400
C531	27 p	5	400	C610	4.7 n	+50 -20	400
C532	220 p	20	400	C611	100 n	+50 -20	40
C533	1 n	+50 -20	400	C612	100 n	+50 -20	40
C534	1 n	+50 -20	400	C613	100 n	+50 -20	40
C535	10 μ		25	C614	82 p	5	400
C536	47 μ		10	C615	47 p	5	400
C537	10 μ		25	C616	150 p	20	400
C538	100 p	20	400	C617	100 n	+50 -20	40
C539	220 n	10	100	C618	47 μ		10
C540	1 n	+50 -20	400	C619	10 n	+50 -20	40
C541	1.5 n	+50 -20	400	C620	100 n	+50 -20	40

No	Ω/F	%	W/V	No	Ω/F	%	W/V
C621	47 p	5	400	C701	100 n	+50 -20	40
C622	100 p	20	400	C702	1.5 p	0.5p	400
C623	33 p	5	400	C703	1.5 p	0.5p	400
C624	4.7 n	+50 -20	400	C704	100 n	+50 -20	40
C625	10 n	+50 -20	40	C705	100 n	+50 -20	40
C626	10 n	+50 -20	40	C706	10 n	+50 -20	40
C627	3 p	0.5p	400	C707	4.7 p	0.5p	400
C628	100 n	+50 -20	40	C708	100 n	+50 -20	40
C629	82 p	5	400	C709	100 n	+50 -20	40
C630	4.7 μ		40	C710	100 n	+50 -20	40
C631	100 n	+50 -20	40	C711	100 n	+50 -20	40
C632	10 μ		25	C712	47 μ		10
C633	910 p	2.5	160	C713	1000 μ		10
C634	100 n	5	250	C714	39 p	5	400
C635	10 μ	10	63	C715	10 μ		25
C636	5.2-30 p		100	C716	10 μ		25
C637	100 n	+50 -20	40	C717	100 μ		10
C638	100 n	+50 -20	40	C718	100 n	+50 -20	40
C639	100 n	+50 -20	40	C719	18 p	5	400
C640	22 p	5	400	C720	0.2-1.5 p		
C641	82 p	5	400	C721	0.2-1.5 p		
C642	100 p	20	400	C722	47 n	5	250
C643	100 p	20	400	C723	10 n	5	400
C644	10 n	+50 -20	40	C724	47 n	5	250
C645	10 n	+50 -20	40	C725	47 n	5	250
C646	15 p	5	400	C726	47 n	5	250
				C727	10 n	5	400
				C728	10 n	5	400

R,P,C

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OSCILLOSCOPE

No	Ω/F	%	W/V	No	Ω/F	%	W/V
C801	33 n	10	400	C811	0.5-4.2 p		
C802	8.2 p	0.5p	400	C812	0.5-4.2 p		
C803	0.5-4.2 p			C813	9.1 p	0.5p	400
C804	0.5-4.2 p			C814	0.5-4.2 p		
C805	6.2 p	0.5p	400	C815	0.5-4.2 p		
C806	0.5-4.2 p			C816	4.7 n	+50 -20	400
C807	0.5-4.2 p			C817	10 _{/u}		16
C808	18 p	5	400	C818	10 _{/u}		16
C809	5.1 p	0.5p	400	C819	1 n	+50 -20	400
C810	0.5-4.2 p			C820	1 n	+50 -20	400
P1	1 k	30	0.5	P104	2.2 k	30	0.5
P2	1 k	20	0.15	P105	1 k	20	0.15
P3	1 k	30	0.5	P106	1 k	20	0.15
P4	2.2 k	30	0.5	P107	100	30	0.5
P5	22 k	30	0.5	P108	47 k	30	0.5
P6	1 M	30	0.15	P109	2x10 k	20	2x0.15
P7	220 k	20	0.15	P201	10 k	20	0.15
P8	2 M	20	0.5	P202	47 k	30	0.5
P9	100 k	30	0.5	P203	100	30	0.5
P10	22 k	20	0.15	P204	2.2 k	30	0.5
P11	2.2 k	20	0.15	P205	1 k	20	0.15
P12	10 k	30	0.5	P206	1 k	20	0.15
P101	10 k	20	0.15	P207	100	30	0.5
P102	47 k	30	0.5	P208	47 k	30	0.5
P103	100	30	0.5	P209	2x10 k	20	2x0.15

R,P,C

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OSCILLOSCOPE

No	Ω/F	%	W/V	No	Ω/F	%	W/V
P301	470	30	0.5	P603	1 M	20	0.5
P302	100	30	0.5	P604	1 M	20	0.5
P303	1 k	30	0.5	P605	1 M	20	0.5
P304	470	30	0.5	P606	50 k	5	2
P305	100	30	0.5	P607	47 k	20	0.15
P501	10 k 220 k	+20	0.15	P608	470	30	0.5
P502	4.7 k	30	0.5	P609	470	30	0.5
P503	1 M	20	0.5	P701	1 k	30	0.5
P504	1 M	20	0.5	P702	2.2 k 22 k	+20	0.15
P505	1 M	20	0.5	P704	10 k	30	0.5
P506	22 k	30	0.5	P705	220	30	0.5
P601	10 k	20	0.15	P706	220	30	0.5
P602	4.7 k	30	0.5				

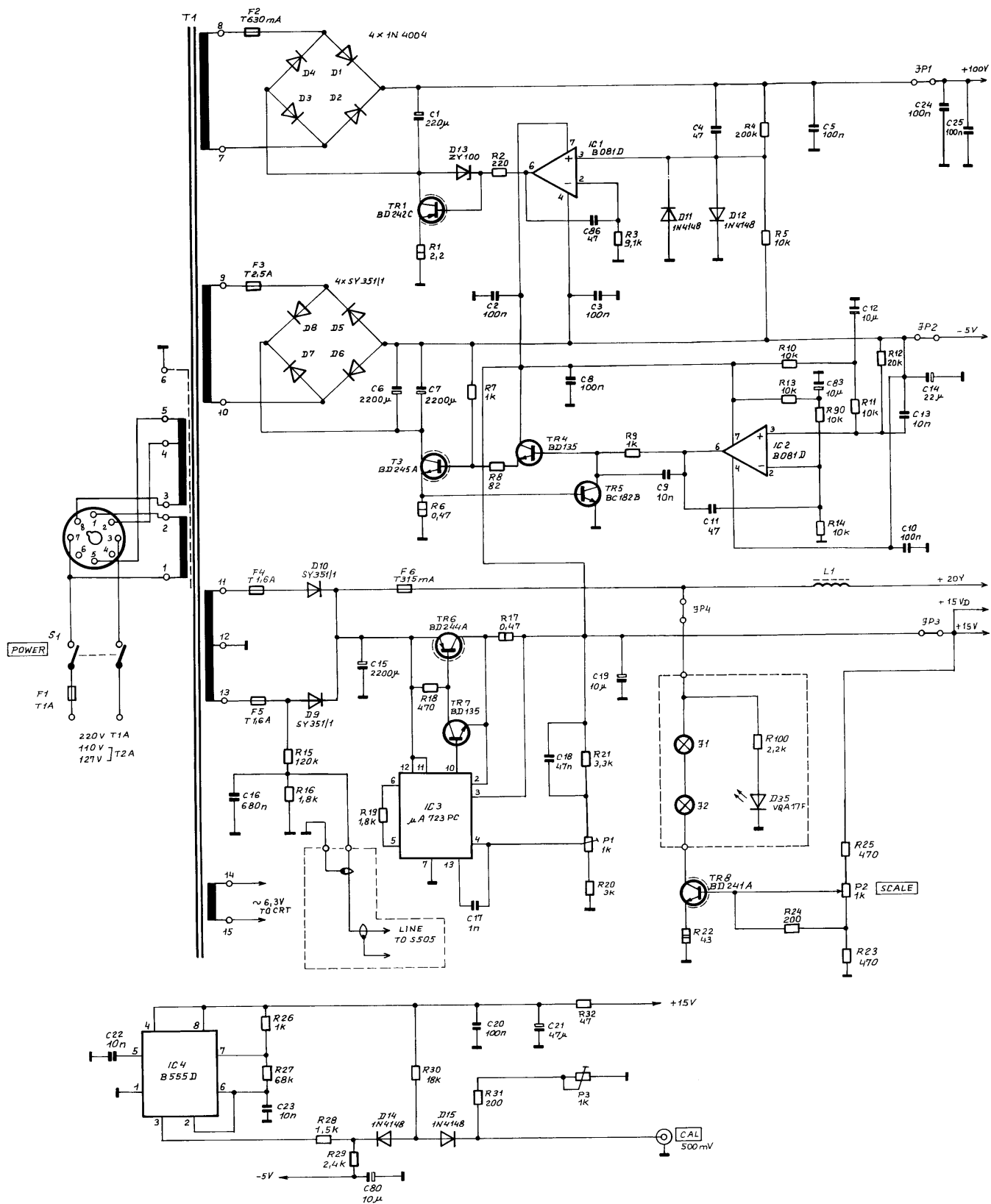
No		No	
D1	1N 4004	D36	1 JK 60
D2	1N 4004	D37	1 JK 60
D3	1N 4004	D38	1 JK 60
D4	1N 4004	D39	1 JK 60
D5	SY 351-1	D40	1 JK 60
D6	SY 351-1	D41	1 JK 60
D7	SY 351-1	D42	1 JK 60
D8	SY 351-1	D43	1 JK 60
D9	SY 351-1	D44	1 JK 60
D10	SY 351-1	D45	1 JK 60
D11	1N 4148	D46	1 JK 60
D12	1N 4148	D47	1 JK 60
D13	ZY 100	D48	1 JK 60
D14	1N 4148	D49	1 JK 60
D15	1N 4148	D101	1N 4151
D16	1N 4148	D102	1N 4151
D17	1N 4148	D103	1N 4151
D18	1 JK 60	D104	1N 4151
D19	1 JK 60	D201	1N 4151
D20	BA 157	D202	1N 4151
D21	BA 157	D203	1N 4151
D22	BA 157	D204	1N 4151
D23	BA 157	D205	1N 4151
D24	BA 157	D301	ZPD 7.5
D25	1 JK 60	D302	ZPD 7.5
D26	1 JK 60	D303	ZPD 3
D27	ZPD 5.1	D304	1N 4148
D28	1N 4148	D501	1N 4148
D29	BZV 46 1V5	D502	1N 4148
D31	1N 4148	D503	1N 4148
D32	1N 4148	D504	1N 4148
D33	ZPD 9.1	D505	1N 4148
D34	ZPD 33	D506	1N 4148
D35	VQA 17 F	D507	1N 4148

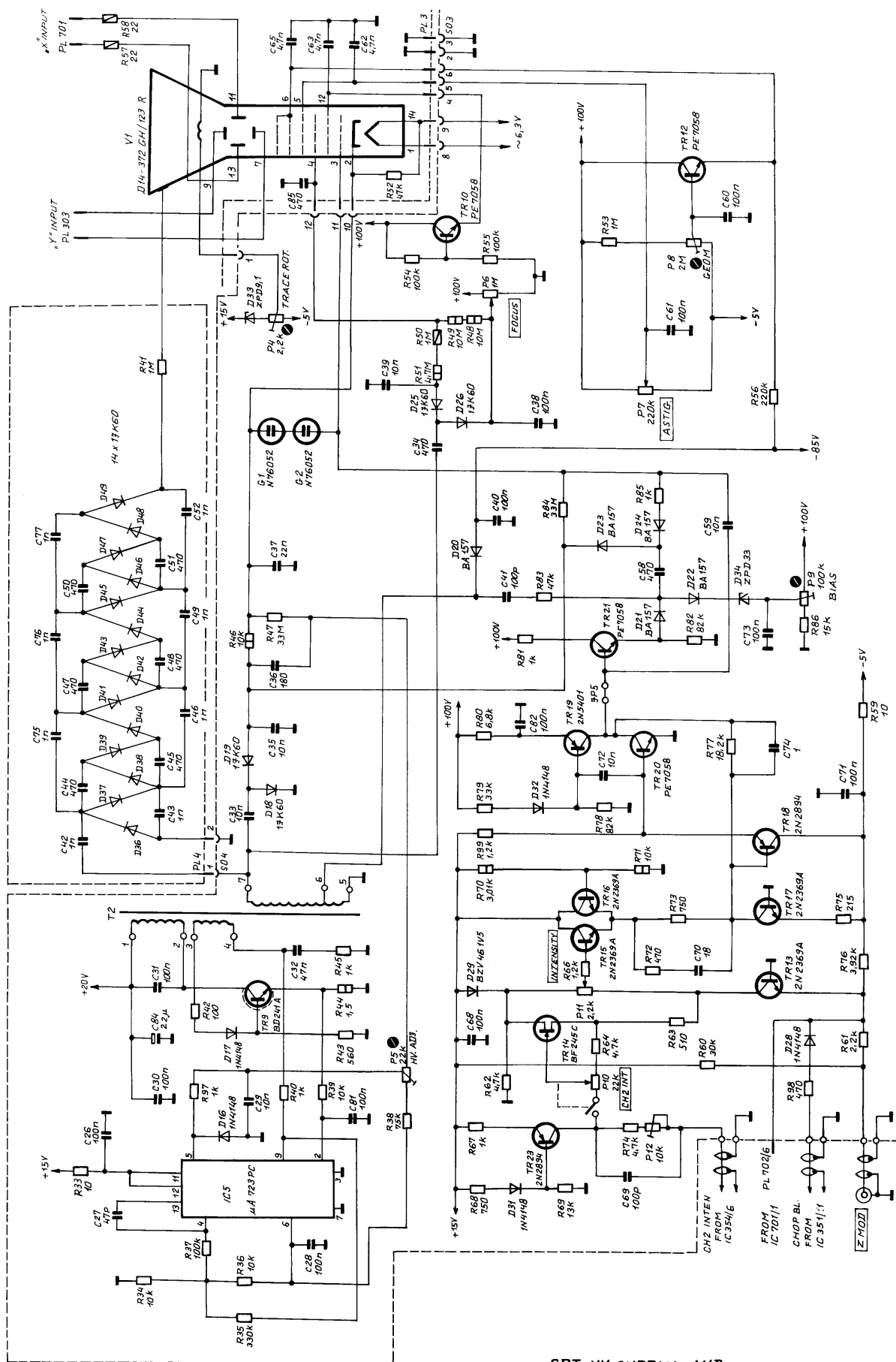
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D508	VQA 27 F	D609	ZPD 10
D509	1N 4448	D701	1N 4148
D510	1N 4448	D702	1N 4148
D511	VQA 27 F	D703	1N 4148
D512	1N 4148	D704	1N 4148
D601	1N 4148	D705	1N 4148
D602	1N 4148	D706	1N 4148
D603	1N 4148	D707	1N 4148
D604	1N 4148	D708	ZY 22
D605	1N 4148	D709	ZY 22
D606	1N 4148	D710	1N 4448
D607	1N 3595 3 DHD	D801	BAV 45 A
D608	1N 4151	D802	ZPD 5.1
TR1	BD 242 C	TR101	2N 2894
TR3	BD 245 A	TR102	2N 2894
TR4	BD 135	TR103	2N 2894
TR5	BC 182 B	TR104	2N 2894
TR6	BD 244 A	TR201	2N 2894
TR7	BD 135	TR202	2N 2894
TR8	BD 241 A	TR203	2N 2894
TR9	BD 241 A	TR204	2N 2894
TR10	PE 7058	TR301	2N 2894
TR12	PE 7058	TR302	2N 2894
TR13	2N 2369 A	TR303	2N 2894
TR14	BF 245 C	TR304	2N 2894
TR15	2N 2369 A	TR305	BC 414 B
TR16	2N 2369 A	TR306	BC 414 B
TR17	2N 2369 A	TR307	2N 2369 A
TR18	2N 2894	TR308	2N 2369 A
TR19	2N 5401	TR309	2N 5109
TR20	PE 7058	TR310	2N 5109
TR21	PE 7058	TR311	2N 3866
TR22	2N 2369 A	TR312	2N 3866
TR23	2N 2894	TR321	2N 2894

No		No	
TR351	2N 2369 A	TR607	2N 2894
TR352	2N 2219	TR608	2N 2894
TR353	BC 212 B	TR609	2N 2894
TR501	BF 245 B	TR610	BC 212 B
TR502	2N 2369 A	TR611	2N 2894
TR503	2N 2894	TR612	BC 212 B
TR504	2N 2369 A	TR613	2N 2894
TR505	2N 2894	TR614	2N 4416
TR506	2N 2369 A	TR615	BC 212 B
TR507	2N 2894	TR616	BC 182 B
TR508	BC 212 B	TR617	2N 2894
TR509	BC 182 B	TR618	2N 2894
TR510	2N 2894	TR701	BC 212 B
TR511	BC 182 B	TR702	BC 212 B
TR512	BC 182 B	TR703	BC 212 B
TR513	BC 182 B	TR704	BC 182 B
TR514	BC 212 B	TR705	BC 212 B
TR515	BC 212 B	TR706	BC 182 B
TR516	BC 182 B	TR707	BC 212 B
TR517	2N 2894	TR708	PN 2369
TR518	2N 2894	TR709	PN 2369
TR519	BC 182 B	TR710	2N 2894
TR520	BC 212 B	TR711	2N 2894
TR521	BC 182 B	TR712	2N 2369 A
TR522	2N 2894	TR713	2N 2894
TR523	2N 2894	TR714	2N 2894
TR524	BC 212 B	TR715	2N 5401
TR601	BF 245 B	TR716	2N 5551
TR602	2N 2369 A	TR717	2N 5401
TR603	2N 2894	TR718	2N 5551
TR604	2N 2369 A	TR719	BC 212 B
TR605	2N 2894	TR801	U 441
TR606	2N 2369 A		

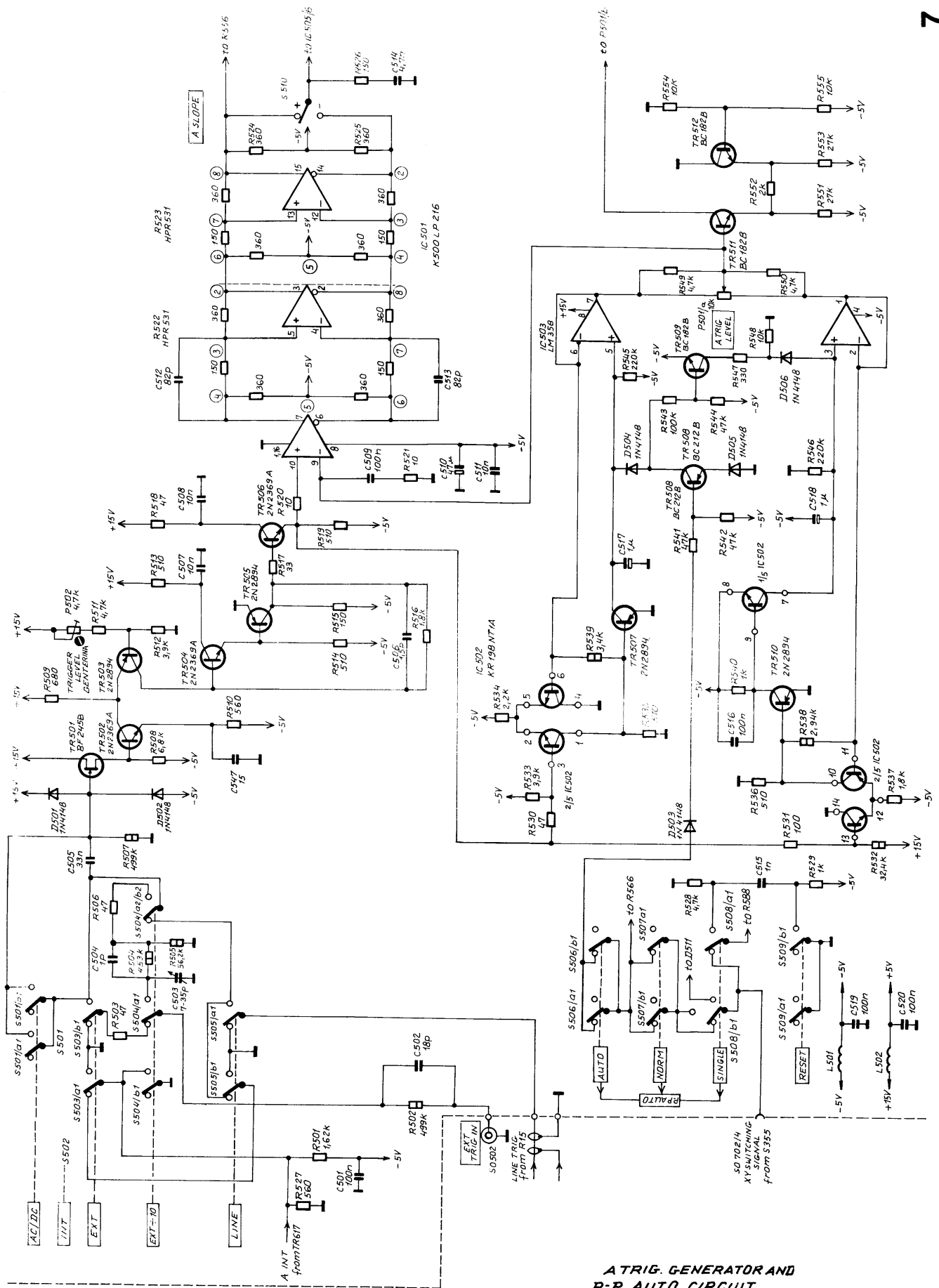
No		No	
IC1	B 081 D	IC502	KR 198 NT1A
IC2	B 081 D	IC503	LM 358 N
IC3	μ A 723 PC	IC504	K 500 LP115
IC4	B 555 D	IC505	K500 TM131
IC5	μ A 723 PC	IC506	KR 198 NT1A
IC6	74LS 14 PC	IC507	B 082 D
IC101	KR 198 NT1A	IC508	V 4051 D
IC102	KR 198 NT1A	IC509	B 082 D
IC201	KR 198 NT1A	IC601	K 500 LP216
IC202	KR 198 NT1A	IC602	K 500 LP115
IC351	74LS 132 PC	IC603	K 500 TM131
IC352	74LS 74 PC	IC604	KR 198 NT1A
IC353	74LS 14 PC	IC605	B 082 D
IC354	74LS 13 PC	IC701	K 500 LP115
IC501	K 500 LP216		
T1	3860000527		
T2	3861000322		
L1	270 μ H 7260000865	L308	7260000874
L101	7260000863	L501	7260000874
L201	7260000863	L502	7260000874
L301	N10 3.5x1.3x4	L503	N100 3.5x1.3x4
L302	N10 3.5x1.3x4	L601	7260000874
L303	7260000877	L602	7260000874
L304	7260000877	L603	N100 3.5x1.3x4
L305	7260000873	L701	7260000863
L306	7260000873	L801	7260000875
L307	7260000874	L802	7260000876
F1	Go 205 T 1 A 250	F4	Go 205 T 1.6 A 250
F2	FST 630 mA 5x20	F5	Go 205 T 1.6 A 250
F3	Go 205 T 2.5 A 250	F6	FST 315 mA 5x20

No		No	
RY101	MJ 14	RY701	MJ 14
RY201	MJ 14		
J1	6 V 0.2 A		
J2	6 V 0.2 A		
G1	N 76052 65 V 0.3 mA		
G2	N 76052 65 V 0.3 mA		
V1	D14 372GH 123 026-5996		

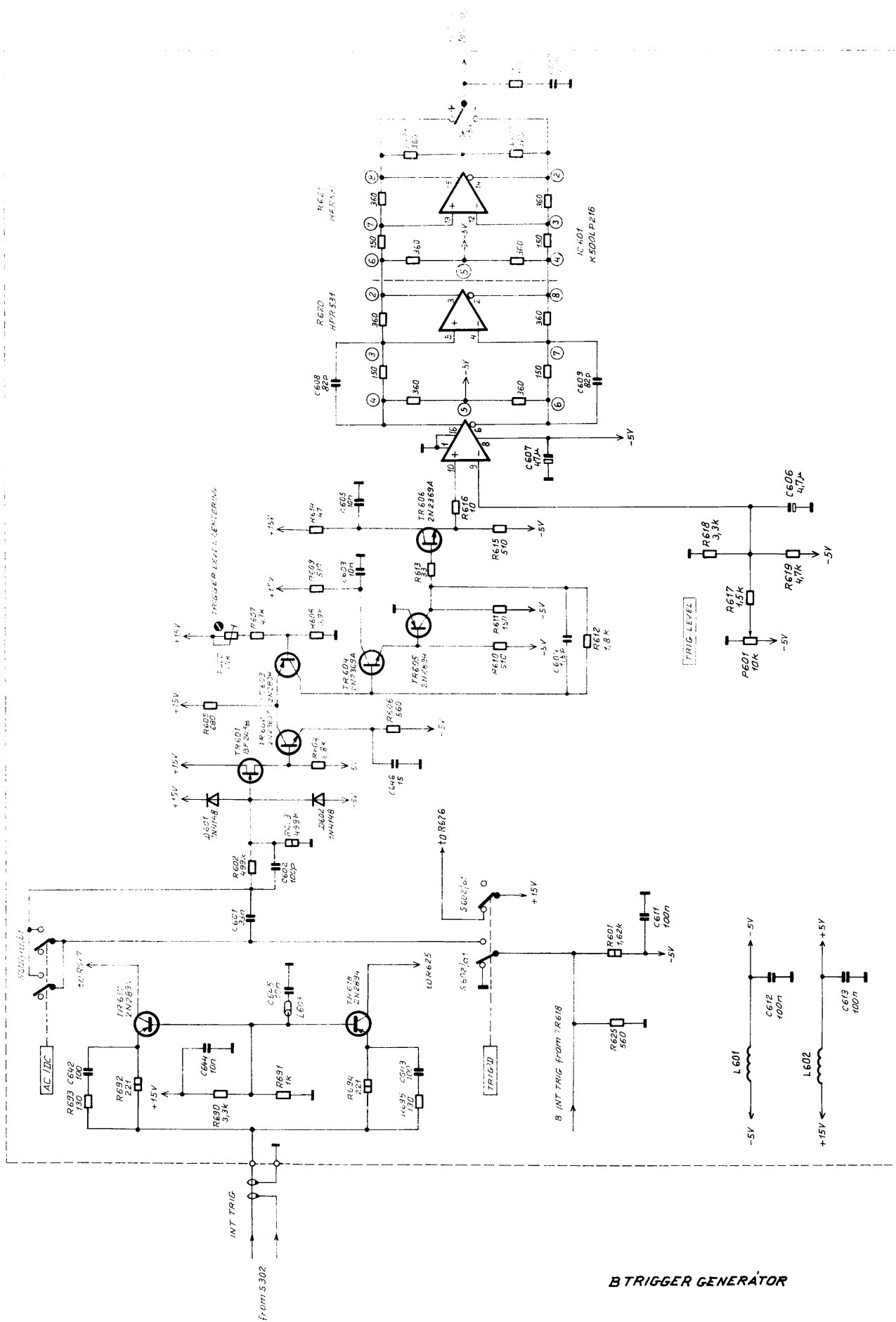


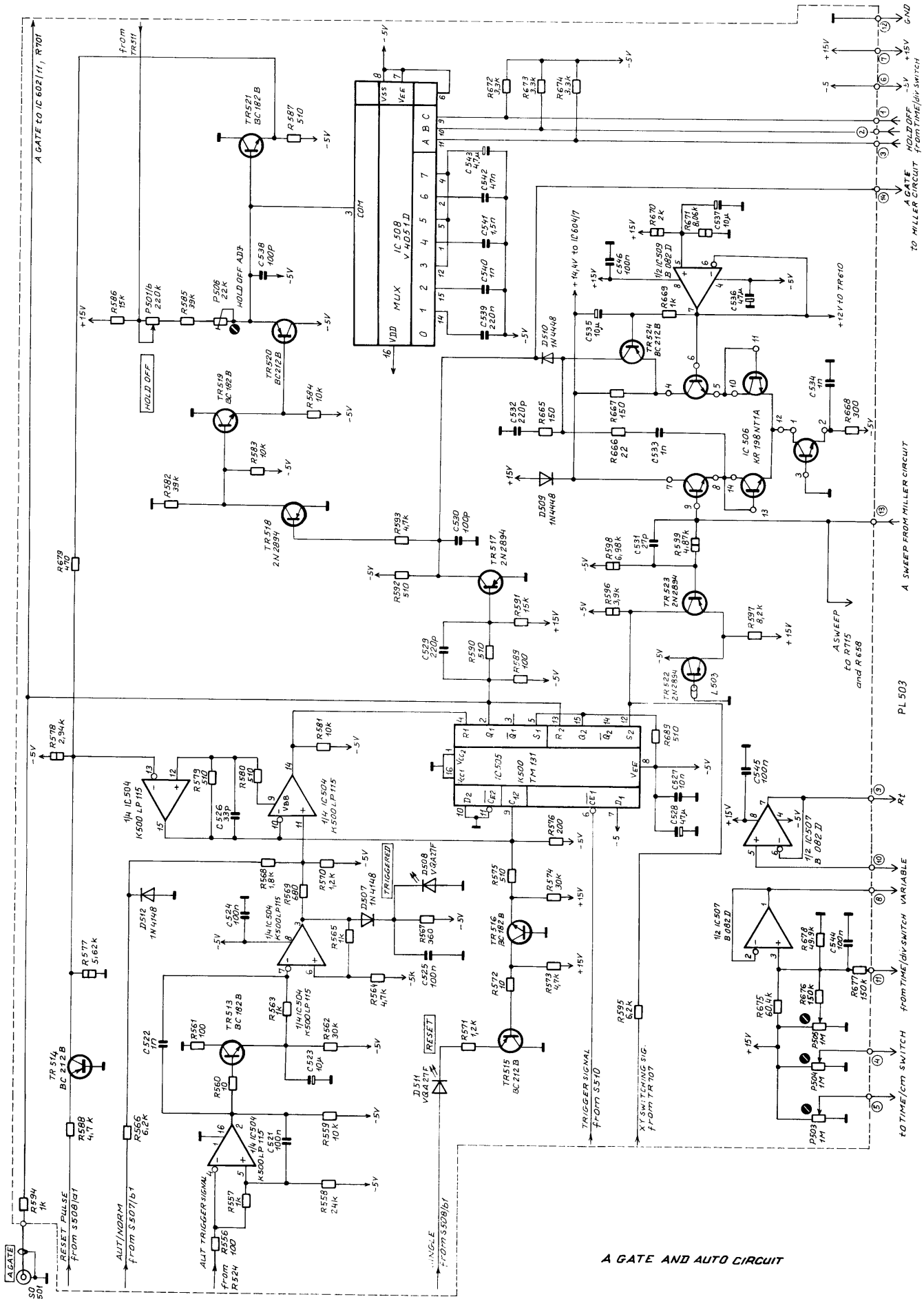


CRT, HV SUPPLY AND UNBLANKING AMPLIFIER

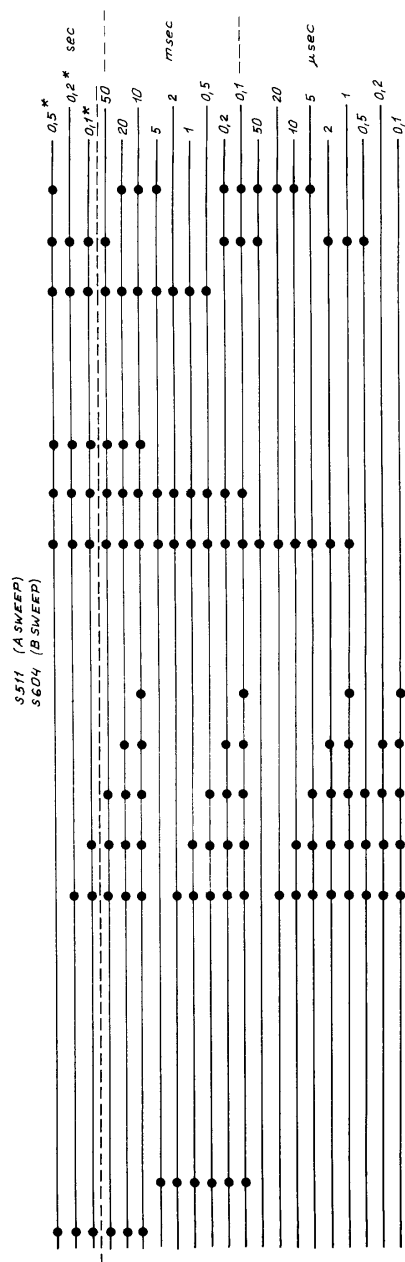
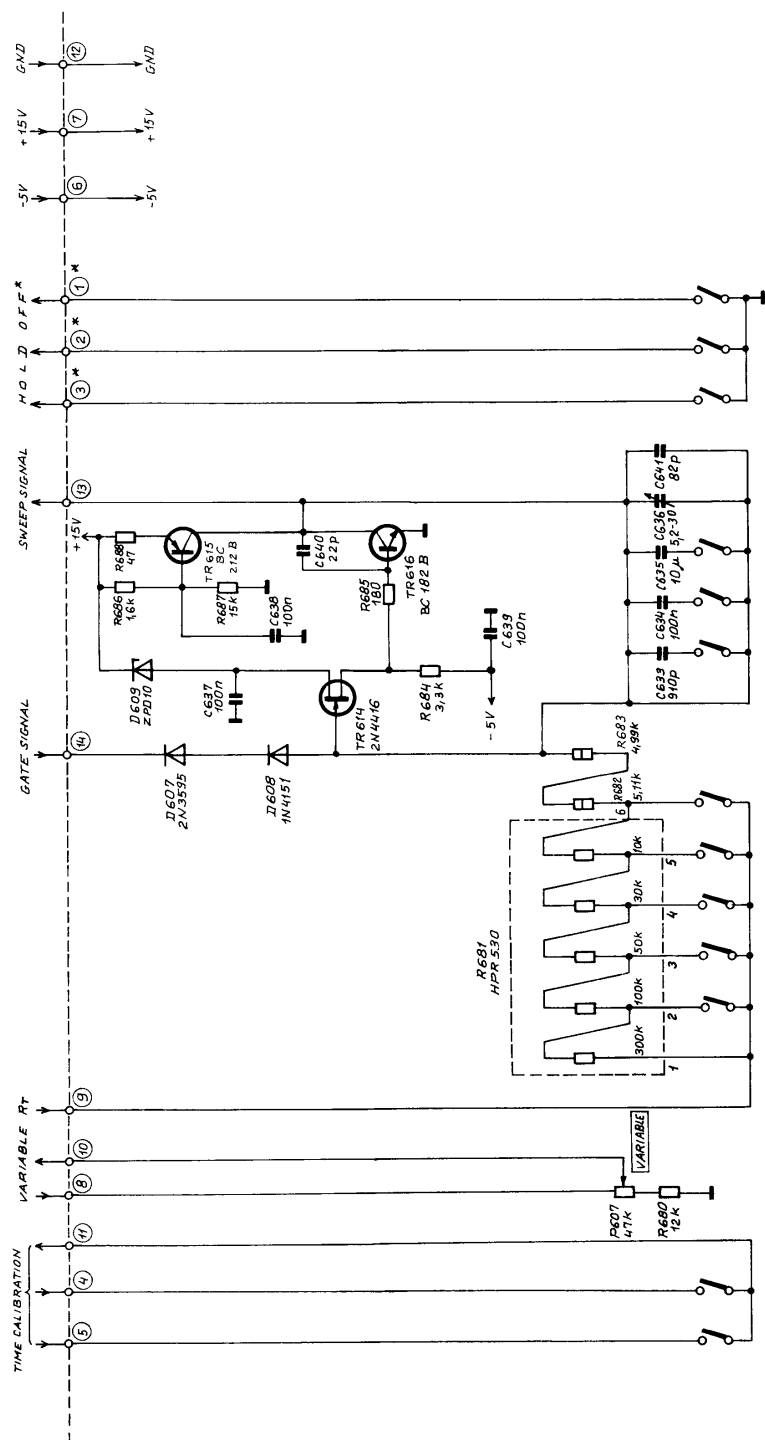


ATRIG. GENERATOR AND
P-P AUTO CIRCUIT



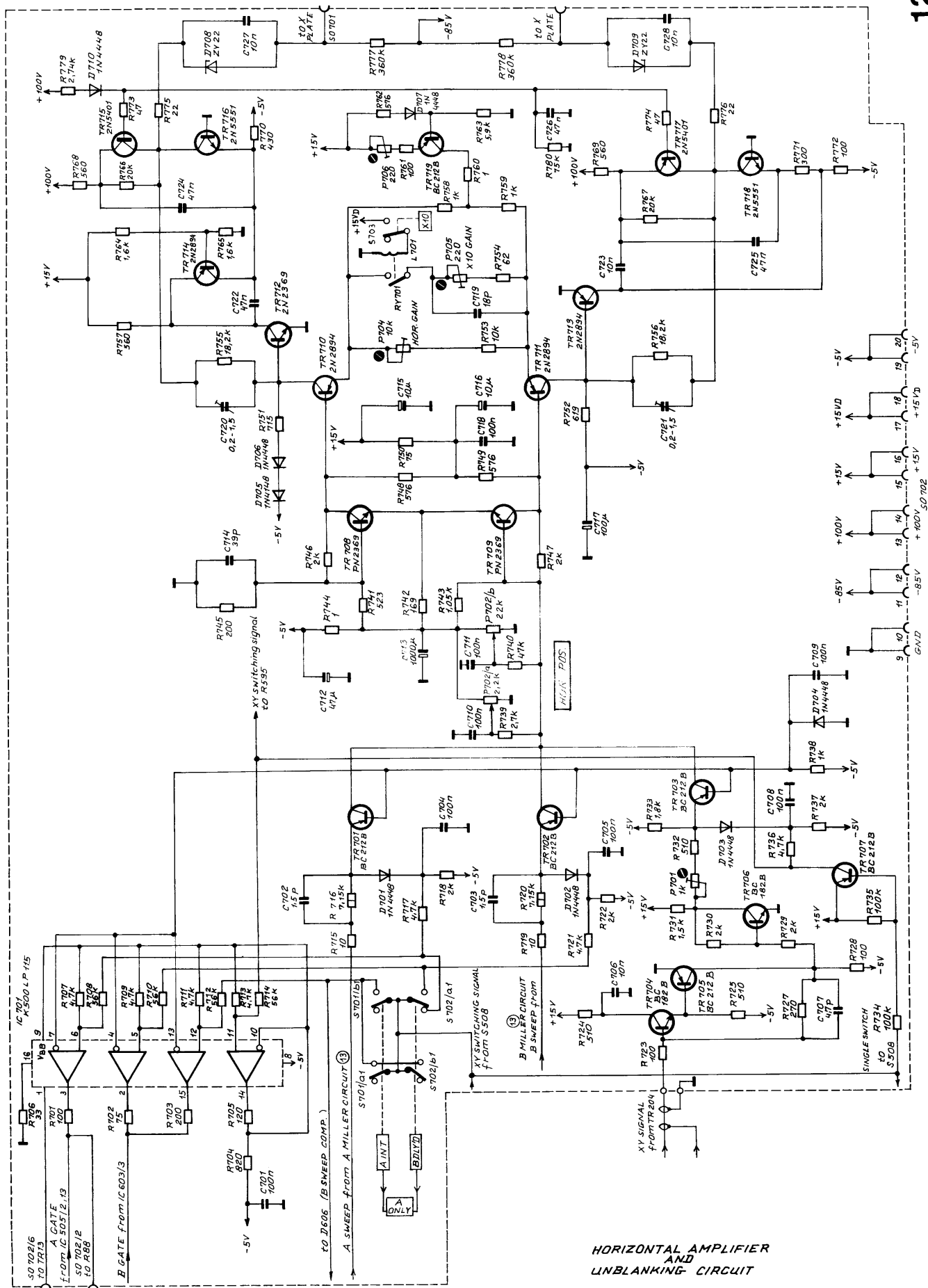


A GATE AND AUTO CIRCUIT

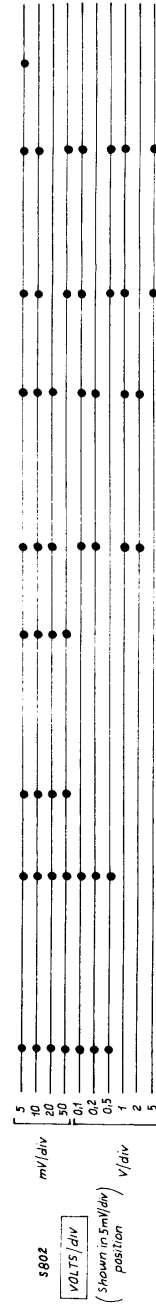
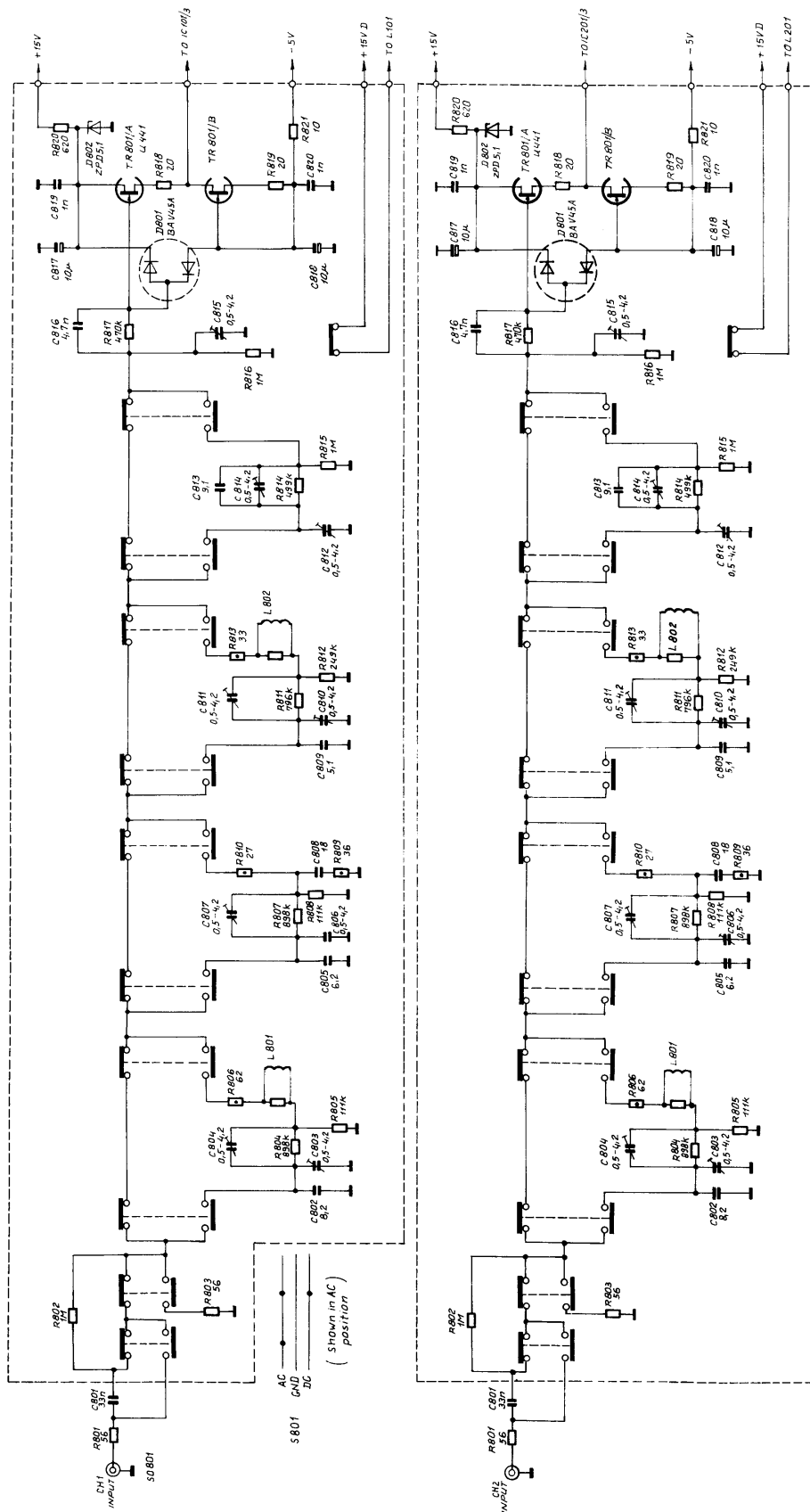


A and B TIME/DIV SWITCHES
AND MILLER INTEGRATORS

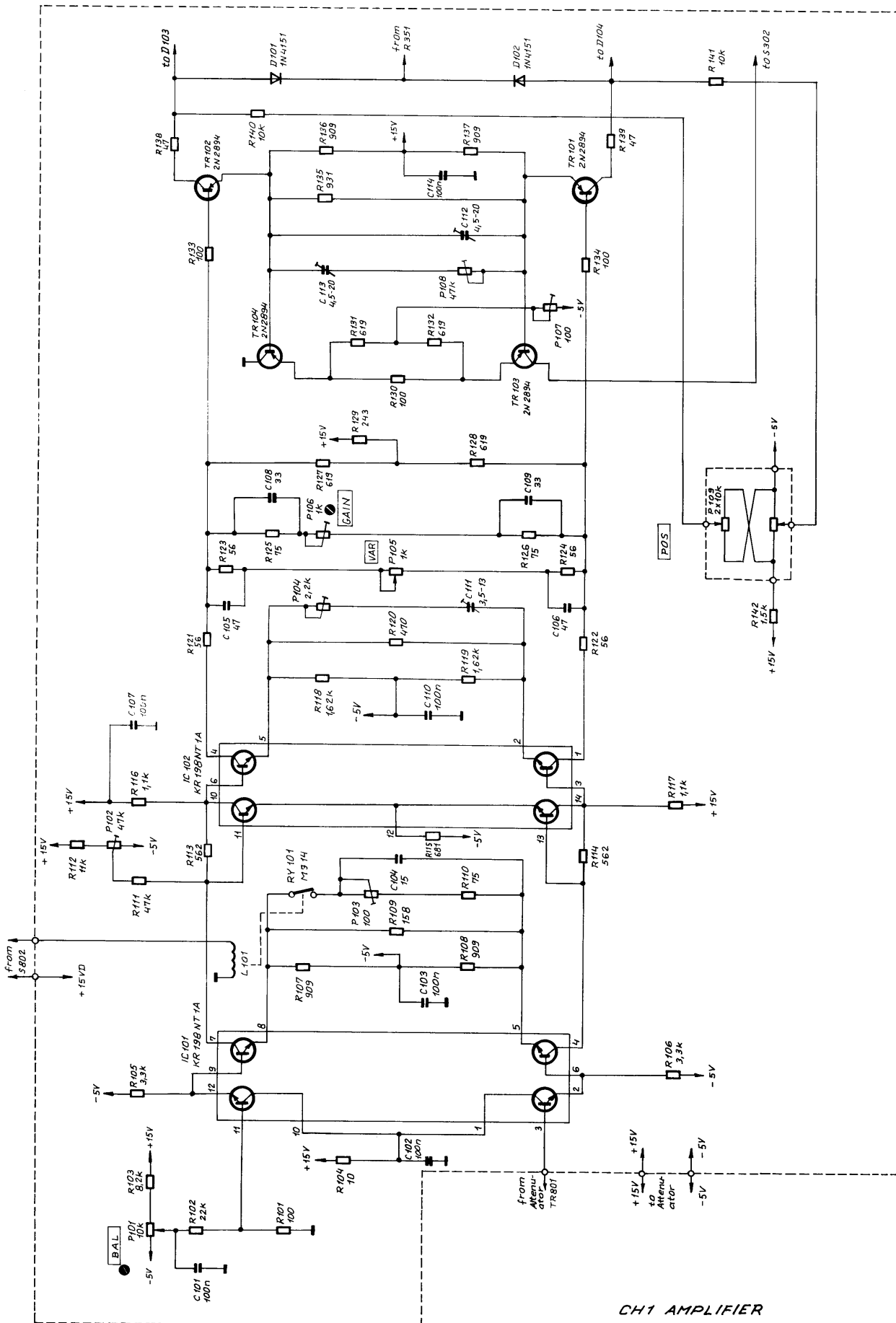
* ONLY A SWEEP (5511)



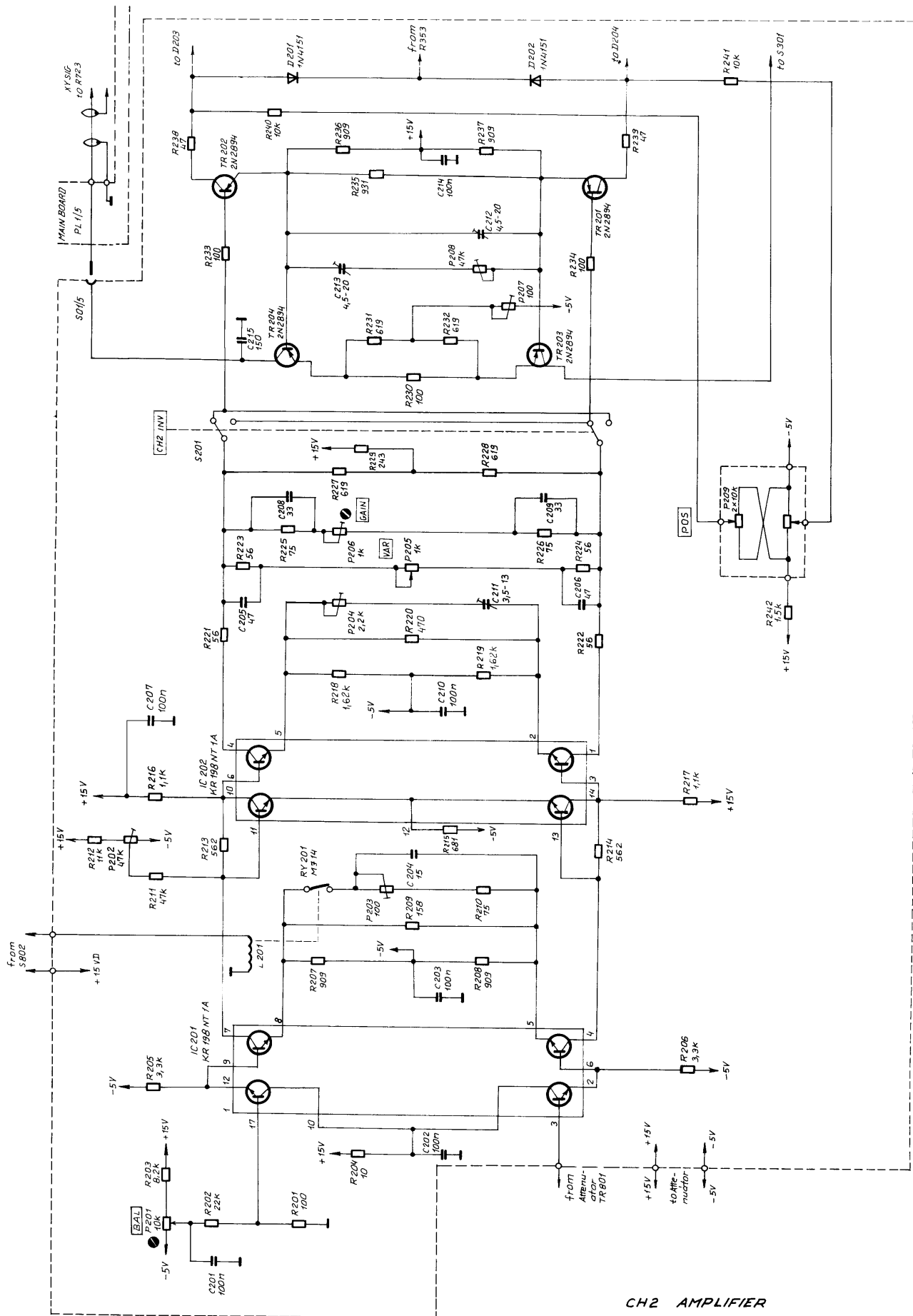
HORIZONTAL AMPLIFIER
AND
UNBLANKING CIRCUIT



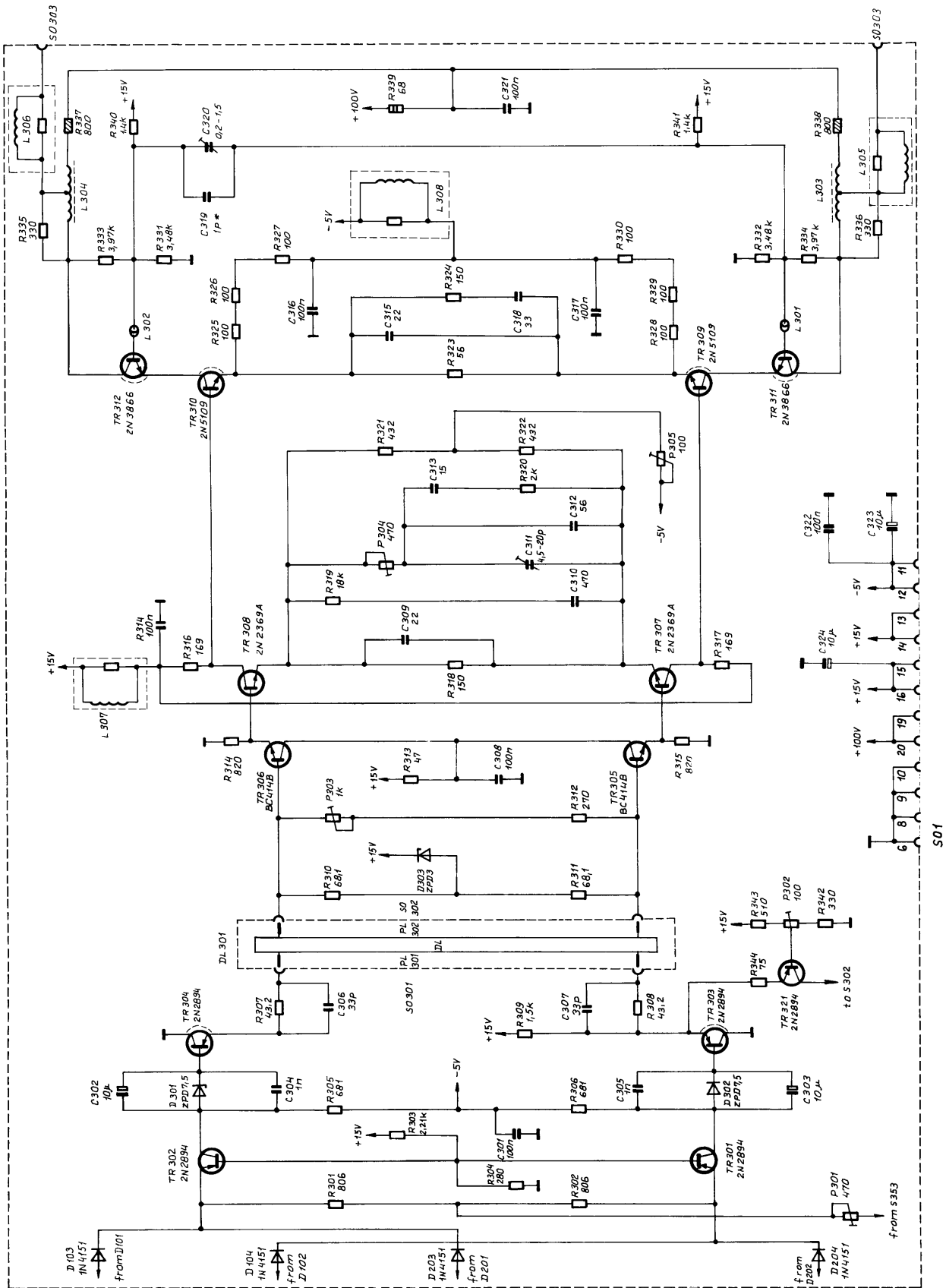
VERTICAL ATTENUATORS



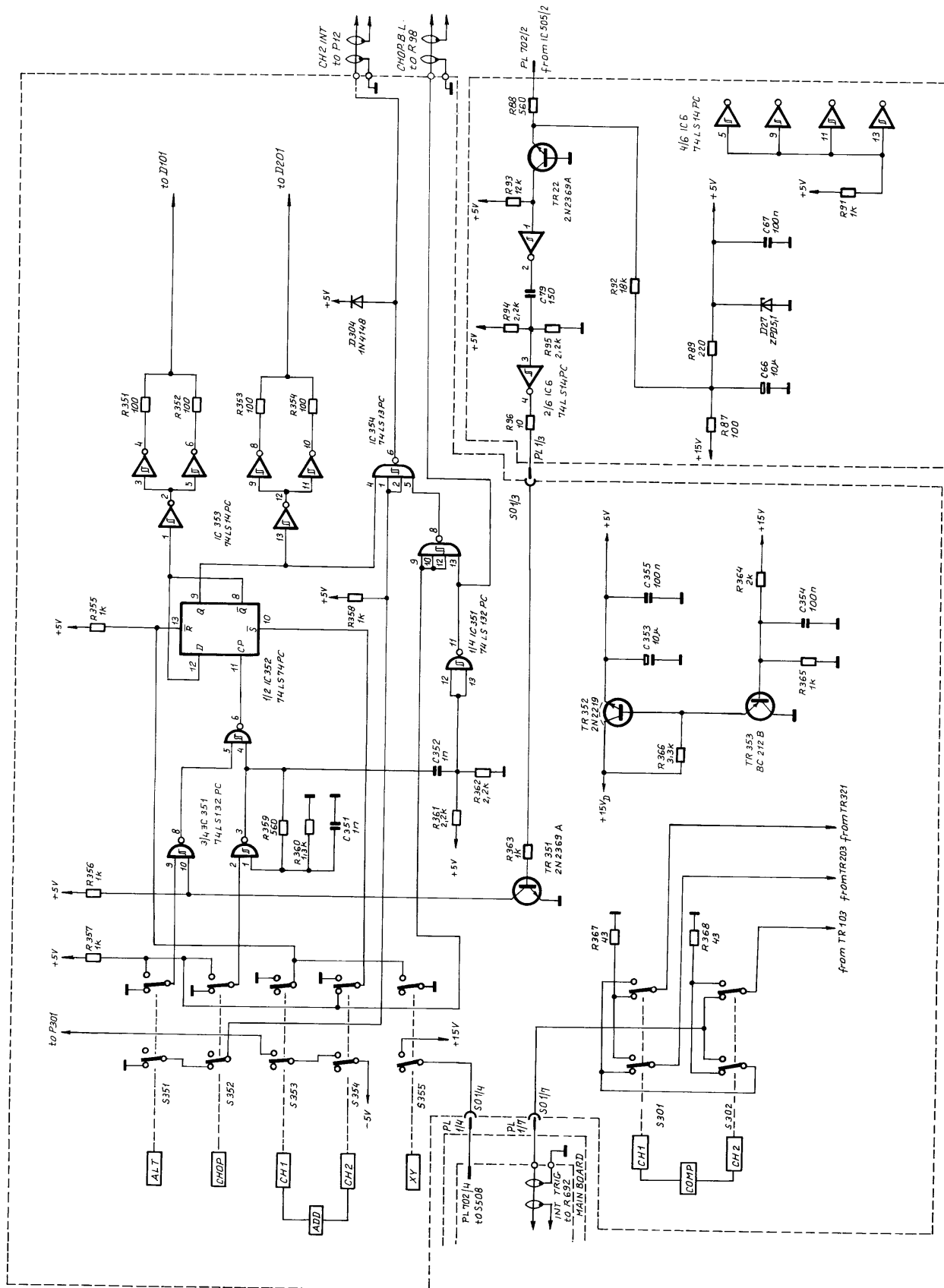
CH1 AMPLIFIER



CH2 AMPLIFIER

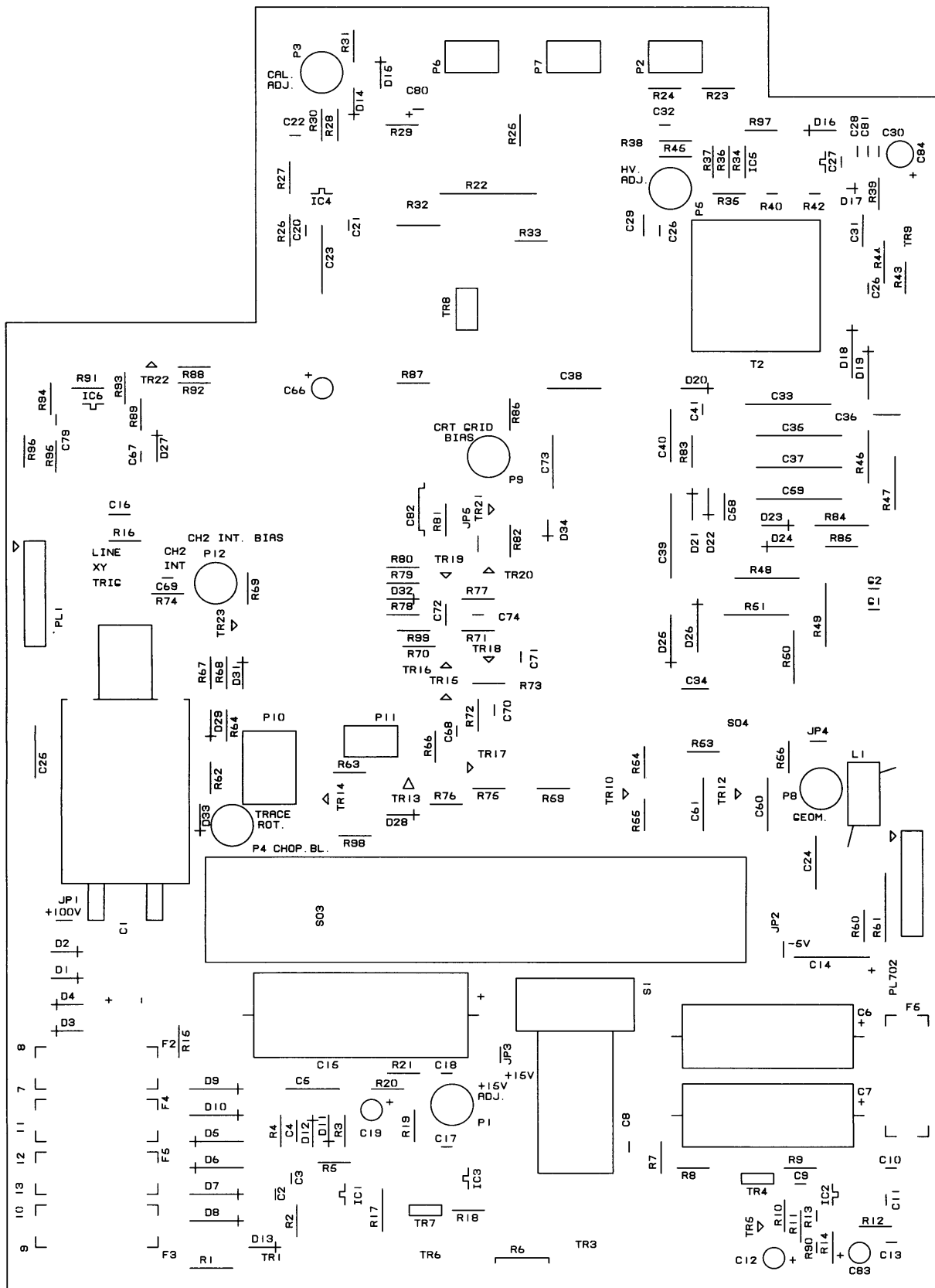


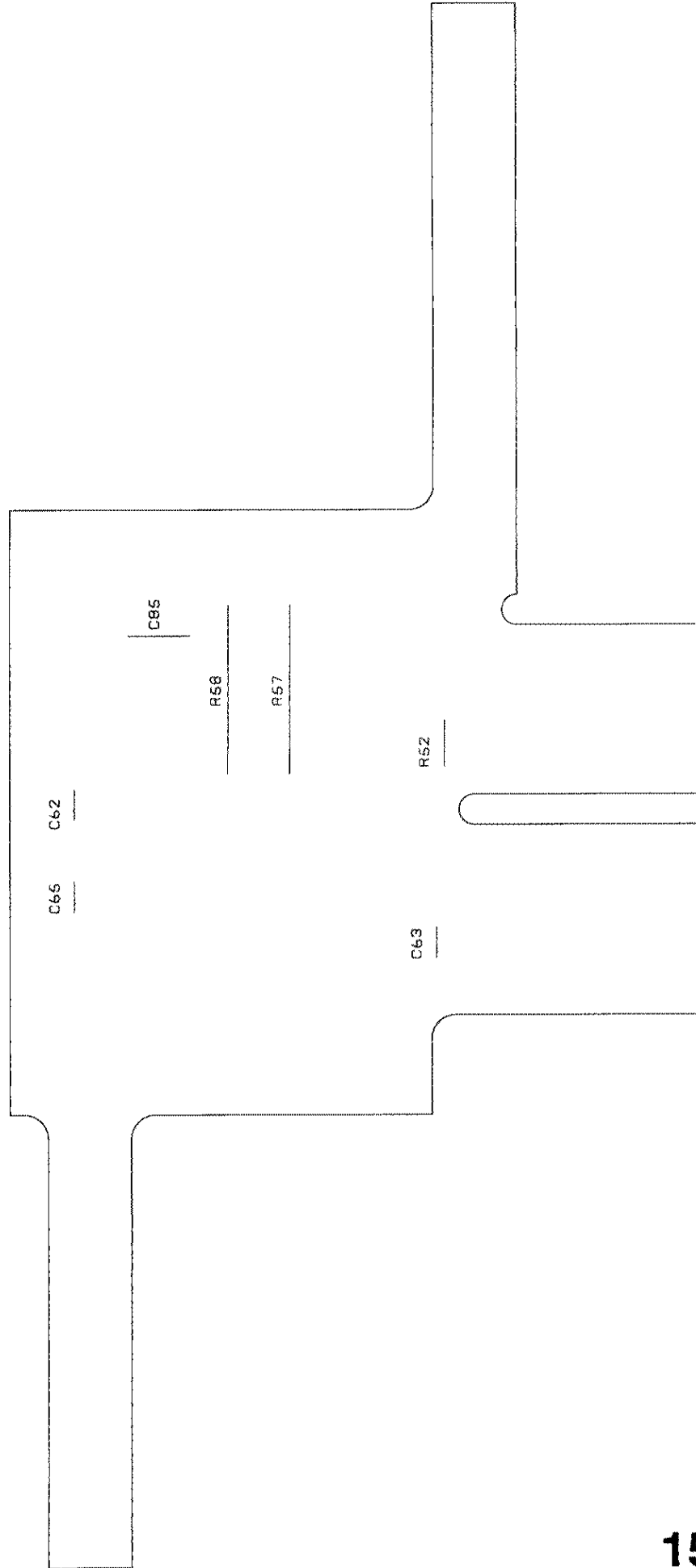
Vertical main amplifier

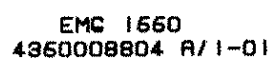


Vertical switching





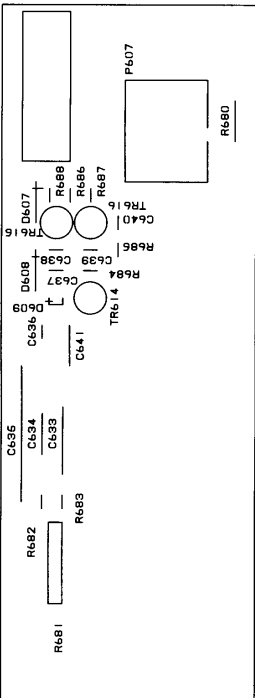




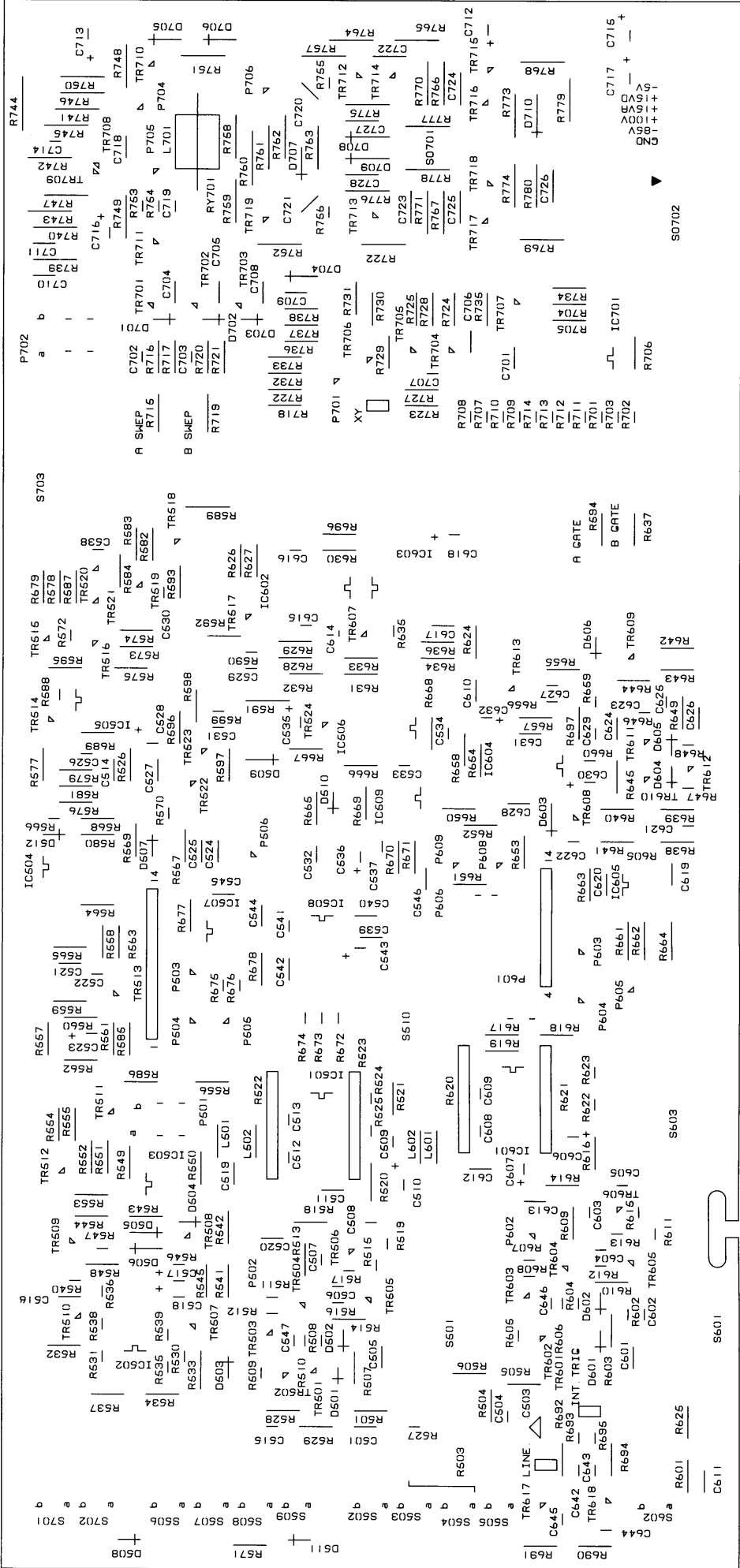
C801 R802
R803

C804 R805 C803
 R804 C802 R806
 R807 C806 R809
 R808 C808 R810
 R809 C810 R813
 R812 C811 R814
 R815 C814 R816
 R817 C818 R819
 R820 C821 R822
 R823 C824 R825
 R826 C827 R828
 R829 C830 R831
 R832 C833 R834
 R835 C836 R837
 R838 C839 R840
 R841 C842 R843
 R844 C845 R846
 R847 C848 R849
 R850 C851 R852
 R853 C854 R855
 R856 C857 R858
 R859 C860 R861
 R862 C863 R864
 R865 C866 R867
 R868 C869 R870
 R871 C872 R873
 R874 C875 R876
 R877 C878 R879
 R880 C881 R882
 R883 C884 R885
 R886 C887 R888
 R889 C890 R891
 R892 C893 R894
 R895 C896 R897
 R898 C899 R900
 R901 C902 R903
 R904 C905 R906
 R907 C908 R909
 R910 C911 R912
 R913 C914 R915
 R916 C917 R918
 R919 C920 R921
 R922 C923 R924
 R925 C926 R927
 R928 C929 R930
 R931 C932 R933
 R934 C935 R936
 R937 C938 R939
 R940 C941 R942
 R943 C944 R945
 R946 C947 R948
 R949 C950 R951
 R952 C953 R954
 R955 C956 R957
 R958 C959 R960
 R961 C962 R963
 R964 C965 R966
 R967 C968 R969
 R970 C971 R972
 R973 C974 R975
 R976 C977 R978
 R979 C980 R981
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 R997 C998 R999
 R1000 C1001 R1002

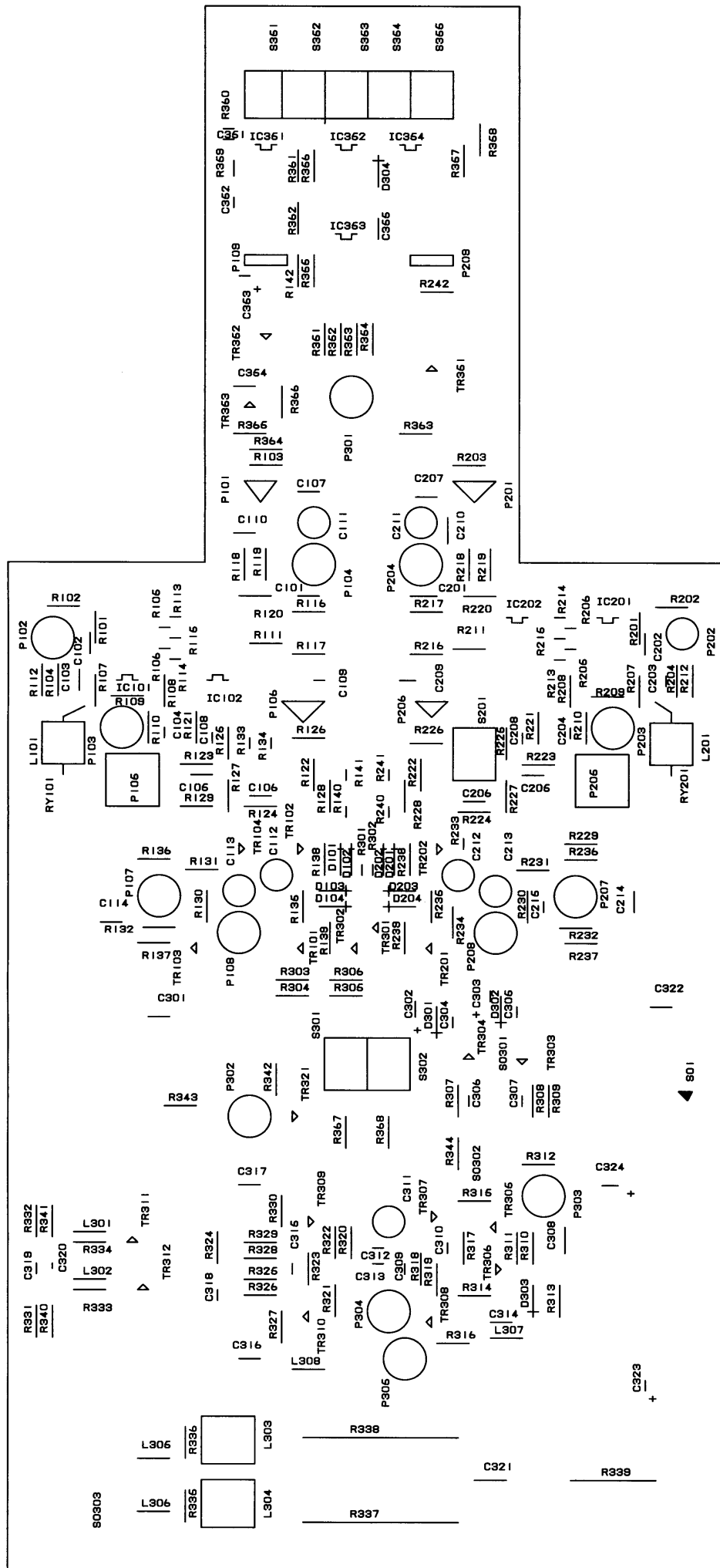
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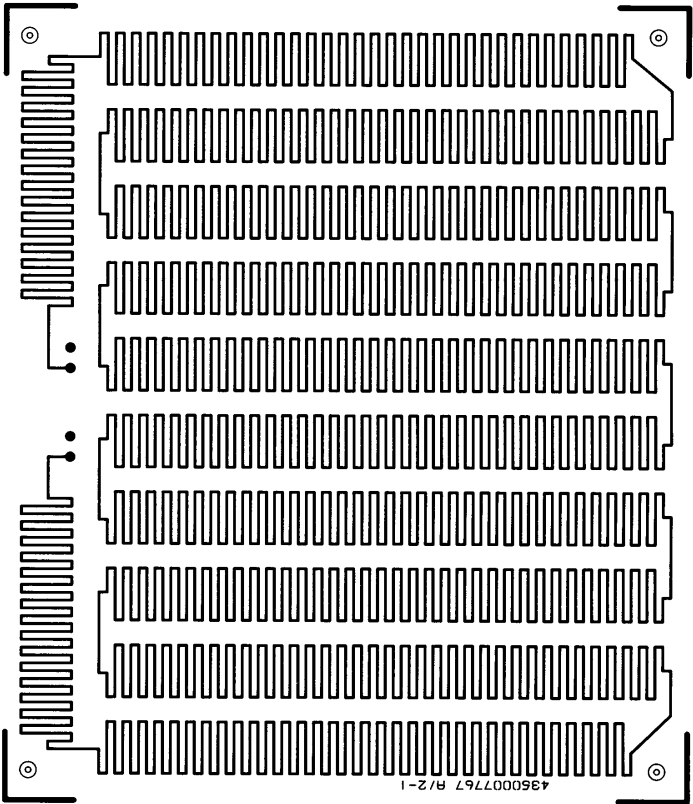
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