

DC-MEASUREMENTS

- Employed meter : FLUKE 8010A
- Supplied signal : Internal convergence signal
on 15 kHz
- ALL MEASUREMENTS ARE EXPRESSED IN VOLT (DC)

GLEICHSPANNUNGSMESSUNGEN

- Verwandtes Messgerät : FLUKE 8010A
- Gespeistes Signal : Das innere Konvergenz-
signal auf 15 KHz
- ALLE MESSWERTE SIND AUSGEDRÜCKT IN VOLT (DC)

Q...	c	b	e
1	12.1	3.5*	2.9
5	11.4	0.0	0.0
6	4.6	0.1	0.0
7	1.3	4.6	2.7
8	17.4	3.2	2.6
9	17.4	2.0	1.3
20	11.5	2.6	2.0
21	0.6	0.6	0.0
22	12.1	1.1	0.6
23	0.3	-0.1	0.0
24	0.3	-0.1	0.0
25	0.3	-0.1	0.0
26	-6.6	28.8	28.8

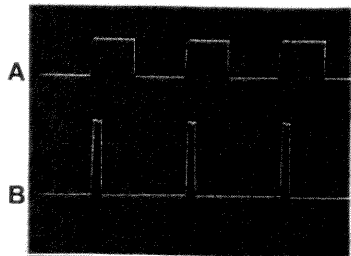
Q...	c	b	e
27	28.7	1.7	5.7
28	18.8	6.4	5.7
29	1.7	0.0	0.0
31	0.0	23.5	24.0
32	3.2	23.6	23.5
33	6.1	0.0	0.0
300	0.9	-3.0	0.0
301	0.8	3.4	0.0
302	-0.5	-3.0	0.0
303	0.5	3.4	0.0
400	5.9*	0.5*	0.3
500	11.7	11.3	12.0
501	12.1	0.0	0.0

pin	IC1	IC2,3,4	IC5	IC10	IC11	IC13	IC14	IC15
1	0.0	0.0	0.0	11.8	11.9	0.0	0.0	5.8
2	0.4	0.0	0.0	-0.1	0.0	11.7	11.4	5.8
3	7.4	-19.4	0.0	-5.4	0.0	12.1	12.1	0.0
4	5.6	0.3	12.1	-6.2	12.0	5.5	5.5	14.2
5	0.0	12.1	0.0	-6.1	0.0	12.1	12.1	28.6
6	1.1	-	0.0	-0.1	0.0	0.5	0.7	-
7	0.0	-	0.0	0.0	-0.8	11.6	11.4	-
8	5.9	-	0.0	12.1	11.8	0.0	0.0	-
9	0.1	-	0.0	0.0	0.0	0.0	11.2	-
10	3.7	-	0.0	0.0	0.0	0.9	0.9	-
11	1.8	-	-12.0	-6.2	-12.0	0.5	0.7	-
12	6.2	-	0.0	-6.9	0.0	0.0	0.0	-
13	5.9	-	0.0	0.0	0.0	12.1	12.1	-
14	5.9*	-	0.0	12.1	0.0	11.4	11.3	-
15	11.9	-	-	-	-	0.0	0.0	-
16	5.9	-	-	-	-	12.1	12.1	-
17	6.1*	-	-	-	-	-	-	-
18	6.1	-	-	-	-	-	-	-

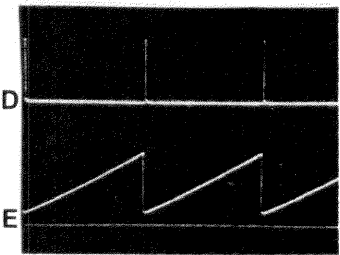
pin	IC300	IC301	IC400	IC500
1	1.7	-0.5	-12.1	1.9
2	1.5	0.0	3.8	1.8
3	1.5	0.0	3.8	0.0
4	12.1	12.1	-12.2	12.1
5	0.9	0.5	-12.2	12.1
6	0.9	0.5	0.9	0.0
7	0.9	0.5	12.1	0.0
8	0.8	-0.5	0.0	0.0
9	0.8	-0.5	-	0.0
10	0.8	-0.5	-	12.1
11	-12.1	-12.1	-	12.1
12	0.0	0.0	-	0.0
13	0.0	0.0	-	9.9
14	0.5	0.5	-	9.9
15	-	-	-	1.9
16	-	-	-	12.1

- pin is not used or not existing

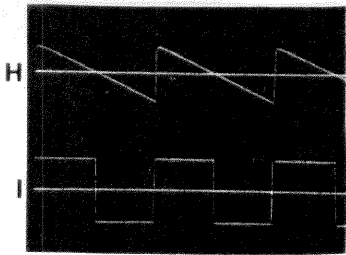
- : Dieser Anschluß ist nicht verwendet oder besteht nicht.



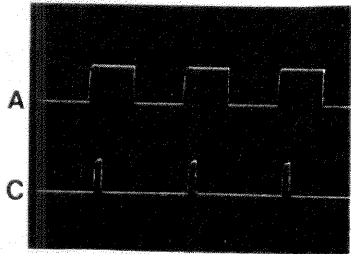
A. 12 Vpp (HF) B. 5 Vpp (HF)



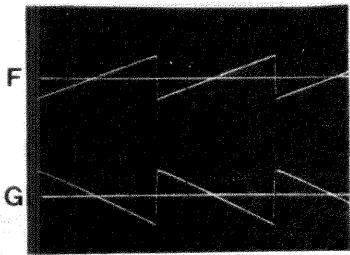
D. 12 Vpp (VF) E. 4 Vpp (VF)



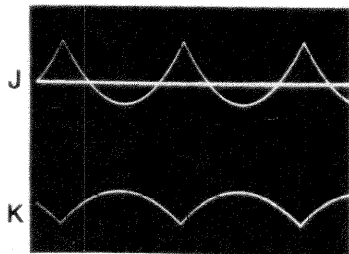
H. 4 Vpp (VF) I. 20 Vpp (VF)



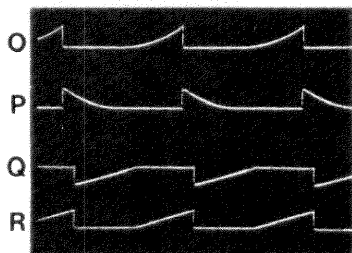
A. 12 Vpp (HF) C. 11 Vpp (HF)



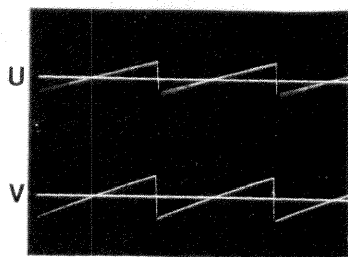
F. 4 Vpp (VF) G. 4 Vpp (VF)



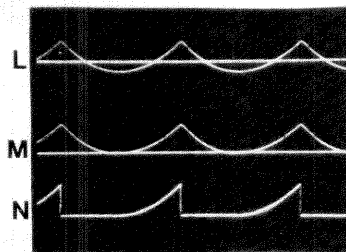
J. 4.4 Vpp (VF) K. 0.6 Vpp (VF)



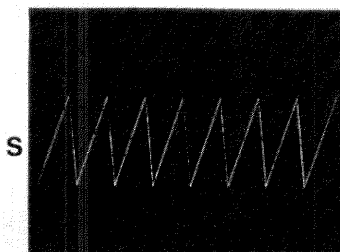
O.
P. } depending on position of P300, P301
Q. } P302, P303
R.)



U (VDHG). 25 Vpp (VF)
V (VDLG). 3 Vpp (VF)



L. 5 Vpp (VF) M. 5 Vpp (VF)
N. 5 Vpp (VF)



S. 3 Vpp (HF)

ITEM NO.	SIT.	DESCRIPTION	ITEM NO.	SIT.	DESCRIPTION
11 2226	C..1	CAPACITOR NPO MI 4P7 C5 63	13 4002	I..6	INTEGRATED CIRCUIT 7812
11 4102	C..2	CAPACITOR POMEFF 220K K 100	13 4016	I..7	INTEGRATED CIRCUIT 7912
11 4124	C..3	CAPACITOR POMEFF 22K K 250	10 6824	P..2	TRIMPOT CEMV 200E K OW50
11 4102	C..7	CAPACITOR POMEFF 220K K 100	10 6830	P..3	TRIMPOT CEMV 20K K OW50
11 4120	C..8	CAPACITOR POMEFF 10K K 250	10 6830	P..4	TRIMPOT CEMV 20K K OW50
11 4100	C..9	CAPACITOR POMEFF 100K K 100	10 6738	P..5	TRIMPOT CEMH 2M K OW50
11 4677	C.10	CAPACITOR POKTPO 1K5 M 100	10 6832	P..8	TRIMPOT CEMV 50K K OW50
11 5922	C.10	CAPACITOR PP RA 1K8 J5 63	10 6832	P.11	TRIMPOT CEMV 50K K OW50
11 4068	C.11	CAPACITOR POMEPO 10K M5 63	10 6832	P.12	TRIMPOT CEMV 50K K OW50
11 1466	C.12	CAPACITOR ELPR 100M Z5 16	10 75271	P.15	MULTITURN CEM 10K K OW50
11 4087	C.13	CAPACITOR POMEPO 470K M5 63	10 75271	P.16	MULTITURN CEM 10K K OW50
11 1184	C.14	CAPACITOR ELAX 4M7 Z 40	10 75271	P.17	MULTITURN CEM 10K K OW50
11 5936	C.15	CAPACITOR PP RA 6K8 J5 63	10 6733	P.18	TRIMPOT CEMH 100K K OW50
11 1196	C.19	CAPACITOR ELAX 2M2 Z 63	71 5773	PC..	PC VISION VER SYNC 43 761270
11 11565	C.20	CAPACITOR ELAX 10M Z 25	13 14295	Q..1	TRANSISTOR BC549B,
11 4132	C.22	CAPACITOR POMEFF 100K K 250	13 14295	Q..5	TRANSISTOR BC549B,
11 1196	C.23	CAPACITOR ELAX 2M2 Z 63	13 14072	Q..6	TRANSISTOR BC547A,BC237A
11 3730	C.24	CAPACITOR POME 330K K5 63	13 14181	Q..7	TRANSISTOR BC559B,BC309B
11 2774	C.25	CAPACITOR CE MI 100K U5 63	13 1411	Q..8	TRANSISTOR BC549C,BC239C
11 1548	C.26	CAPACITOR ELPRMI 2M2 M5 50	13 1411	Q..9	TRANSISTOR BC549C,BC239C
11 1546	C.27	CAPACITOR ELPRMI 1M M5 50	13 14071	Q.20	TRANSISTOR BC547B,BC237B
11 4085	C.28	CAPACITOR POMEPO 330K K5 63	13 14295	Q.21	TRANSISTOR BC549B,
11 4085	C.29	CAPACITOR POMEPO 330K K5 63	13 14295	Q.22	TRANSISTOR BC549B,
11 11575	C.30	CAPACITOR ELAX 22M Z 25	13 14295	Q.23	TRANSISTOR BC549B,
11 1147	C.31	CAPACITOR ELAX 100M T 16	13 14295	Q.24	TRANSISTOR BC549B,
11 4132	C.40	CAPACITOR POMEFF 100K K 250	13 14295	Q.25	TRANSISTOR BC549B,
11 1620	C.41	CAPACITOR ELRA 1000M T 25	13 14131	Q.26	TRANSISTOR BC557B,BC307B
11 2762	C.42	CAPACITOR CE MI 4K7 U5 63	13 14071	Q.27	TRANSISTOR BC547B,BC237B
11 4132	C.43	CAPACITOR POMEFF 100K K 250	13 14071	Q.28	TRANSISTOR BC547B,BC237B
11 1620	C.44	CAPACITOR ELRA 1000M T 25	13 1426	Q.29	TRANSISTOR BC337
11 4102	C.45	CAPACITOR POMEFF 220K K 100	10 1148	R..1	RESISTOR CF 10K J OW25
11 2762	C.46	CAPACITOR CE MI 4K7 U5 63	10 1152	R..2	RESISTOR CF 22K J OW25
11 4132	C.47	CAPACITOR POMEFF 100K K 250	10 1152	R..3	RESISTOR CF 22K J OW25
11 4132	C.48	CAPACITOR POMEFF 100K K 250	10 1136	R..4	RESISTOR CF 1K J OW25
11 4102	C.49	CAPACITOR POMEFF 220K K 100	10 1148	R..5	RESISTOR CF 10K J OW25
11 2762	C.50	CAPACITOR CE MI 4K7 U5 63	10 1124	R..6	RESISTOR CF 100E J OW25
11 4132	C.51	CAPACITOR POMEFF 100K K 250	10 1149	R..9	RESISTOR CF 12K J OW25
11 4132	C.52	CAPACITOR POMEFF 100K K 250	10 1168	R.10	RESISTOR CF 470K J OW25
11 4102	C.53	CAPACITOR POMEFF 220K K 100	10 1124	R.11	RESISTOR CF 100E J OW25
11 11565	C.61	CAPACITOR ELAX 10M Z 25	10 1100	R.13	RESISTOR CF 1E J OW25
11 11575	C.63	CAPACITOR ELAX 22M Z 25	10 1124	R.15	RESISTOR CF 100E J OW25
11 11565	C.72	CAPACITOR ELAX 10M Z 25	10 1112	R.16	RESISTOR CF 10E J OW25
11 4131	C.77	CAPACITOR POMEFF 82K K 250	10 1149	R.19	RESISTOR CF 12K J OW25
11 2762	C.79	CAPACITOR CE MI 4K7 U5 63	10 1160	R.20	RESISTOR CF 100K J OW25
11 1196	C.80	CAPACITOR ELAX 2M2 Z 63	10 1135	R.21	RESISTOR CF 820E J OW25
11 1196	C.81	CAPACITOR ELAX 2M2 Z 63	10 1144	R.22	RESISTOR CF 4K7 J OW25
11 1196	C.82	CAPACITOR ELAX 2M2 Z 63	10 1134	R.23	RESISTOR CF 680E J OW25
11 11565	C.83	CAPACITOR ELAX 10M Z 25	10 1148	R.24	RESISTOR CF 10K J OW25
11 2242		CAPACITOR NPO MI 100P J5 63	10 1138	R.32	RESISTOR CF 1K5 J OW25
11 2387		CAPACITOR N152MI 470P J5 63	10 1154	R.34	RESISTOR CF 33K J OW25
13 1621	D..5	DIODE 1N4148 SWITCH	10 1138	R.39	RESISTOR CF 1K5 J OW25
13 1644	D..7	DIODE 1N4001 RECTIFIER	10 1149	R.40	RESISTOR CF 12K J OW25
13 1644	D..8	DIODE 1N4001 RECTIFIER	10 11414	R.51	RESISTOR MF 2K7 J OW25
13 1644	D..9	DIODE 1N4001 RECTIFIER	10 11334	R.52	RESISTOR MF 560E F OW25
13 1644	D.10	DIODE 1N4001 RECTIFIER	10 11704	R.54	RESISTOR MF 680K J OW25
13 1644	D.11	DIODE 1N4001 RECTIFIER	10 11504	R.55	RESISTOR MF 15K F OW25
13 1644	D.12	DIODE 1N4001 RECTIFIER	10 1115	R.56	RESISTOR CF 18E J OW25
13 1621	D.15	DIODE 1N4148 SWITCH	10 1152	R.57	RESISTOR CF 22K J OW25
13 1621	D.16	DIODE 1N4148 SWITCH	10 1141	R.58	RESISTOR CF 2K7 J OW25
13 1621	D.17	DIODE 1N4148 SWITCH	10 1148	R.59	RESISTOR CF 10K J OW25
13 1621	D.18	DIODE 1N4148 SWITCH	10 1144	R.60	RESISTOR CF 4K7 J OW25
13 1621	D.22	DIODE 1N4148 SWITCH	10 1142	R.61	RESISTOR CF 3K3 J OW25
13 1621	D.25	DIODE 1N4148 SWITCH	10 1148	R.62	RESISTOR CF 10K J OW25
13 2762	I..1	INTEGRATED CIRCUIT 2595 TDA	10 1139	R.63	RESISTOR CF 1K8 J OW25
13 2751	I..2	INTEGRATED CIRCUIT 2030V TDA	10 1138	R.64	RESISTOR CF 1K5 J OW25
13 2751	I..3	INTEGRATED CIRCUIT 2030V TDA	10 1142	R.70	RESISTOR CF 3K3 J OW25
13 2751	I..4	INTEGRATED CIRCUIT 2030V TDA			
13 4113	I..5	INTEGRATED CIRCUIT 084			

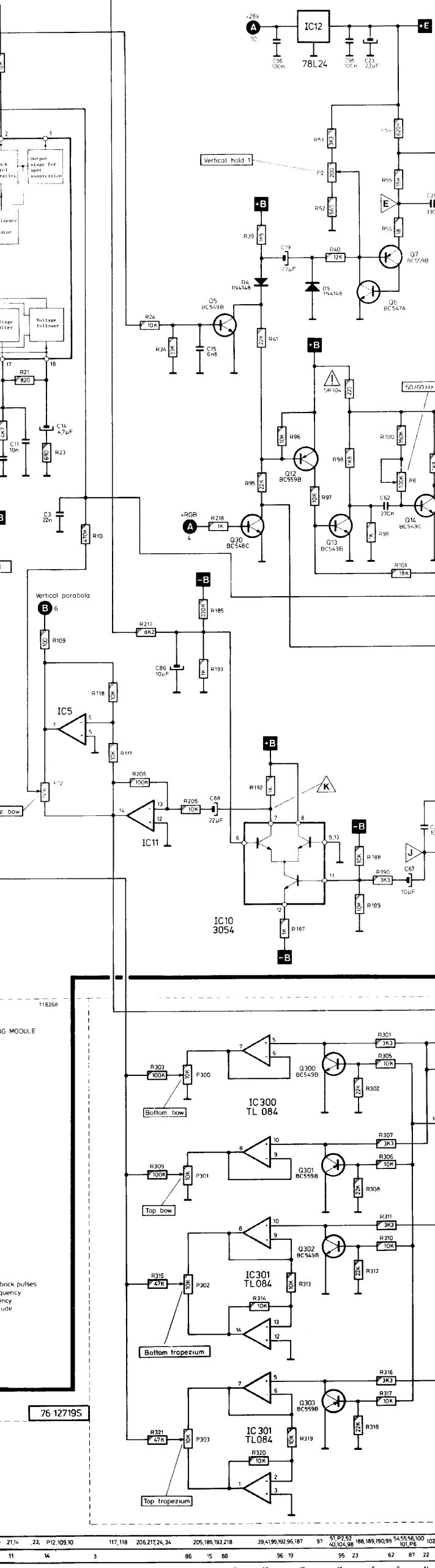
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10 1142	R.71	RESISTOR CF 3K3 J 0W25	10 1160	R158	RESISTOR CF 100K J 0W25
10 1142	R.72	RESISTOR CF 3K3 J 0W25	10 1134	R159	RESISTOR CF 680E J 0W25
10 1144	R.73	RESISTOR CF 4K7 J 0W25	10 1137	R160	RESISTOR CF 1K2 J 0W25
10 1144	R.74	RESISTOR CF 4K7 J 0W25	10 1152	R161	RESISTOR CF 22K J 0W25
10 1144	R.75	RESISTOR CF 4K7 J 0W25	10 1146	R162	RESISTOR CF 6K8 J 0W25
10 3616	R.76	RESISTOR WW H 2E2 K 4W	10 1137	R163	RESISTOR CF 1K2 J 0W25
10 3616	R.77	RESISTOR WW H 2E2 K 4W	10 1162	R170	RESISTOR CF 150K J 0W25
10 28241	R.78	RESISTOR MF 91E G 0W60	10 1162	R171	RESISTOR CF 150K J 0W25
10 28241	R.79	RESISTOR MF 91E G 0W60	10 1162	R172	RESISTOR CF 150K J 0W25
10 28241	R.80	RESISTOR MF 91E G 0W60	10 1157	R239	RESISTOR CF 56K J 0W25
10 1100	R.81	RESISTOR CF 1E J 0W25	10 1168	R500	RESISTOR CF 470K J 0W25
10 1100	R.82	RESISTOR CF 1E J 0W25			
10 1100	R.83	RESISTOR CF 1E J 0W25	76 1272S		UN.SYN+VER DATA HR S45
10 2804	R.86	RESISTOR MF 2E2 50PPMOW60	76 1274B		UN.SYN+VER BGR400
10 2804	R.87	RESISTOR MF 2E2 50PPMOW60	76 1274S		UN.SYN+VER BGR400
10 2804	R.88	RESISTOR MF 2E2 50PPMOW60	76 1479S		UN.MUP LOCK VERT BGR400
10 11289	R104	RESISTOR CFFUL 220E J 0W25			
10 1124	R109	RESISTOR CF 100E J 0W25	31 3525	001.	CONNECTOR EURO MOBSE P64
10 1148	R110	RESISTOR CF 10K J 0W25	31 3531	0010	CONNECTOR EURO MOBSE P64 KEY
10 1148	R111	RESISTOR CF 10K J 0W25	36 7699	0011	RIVET CHOBERT D2,38 L6,35
10 1148	R112	RESISTOR CF 10K J 0W25	80 0275	002.	HEATSINK 43 VER SYN
10 1148	R113	RESISTOR CF 10K J 0W25	80 0326	0021	FIX HEATSINK VER 43
10 1152	R114	RESISTOR CF 22K J 0W25	36 20226	0022	SCREW DIN84 M 3 X 8 MP-
10 1156	R115	RESISTOR CF 47K J 0W25	36 7502	0023	WASHER DIN6798 A 3,2
10 1156	R116	RESISTOR CF 47K J 0W25	13 3029	004.	TRANSISTOR SET INSULAT TO-220
10 1148	R117	RESISTOR CF 10K J 0W25	36 20246	0041	SCREW DIN84 M 3 X12 MP-
10 1148	R118	RESISTOR CF 10K J 0W25	80 0327	0042	FIX SMC VER 43
10 1208	R123	RESISTOR CF 4E7 J 0W50	34 8019	006.	WIRE TIE L100
10 1140	R127	RESISTOR CF 2K2 J 0W25	80 1345	008.	PLATE SCREEN 60X100 761272
10 1150	R128	RESISTOR CF 15K J 0W25	80 1330	009.	FIX BRACKET VER HR S45
10 1152	R129	RESISTOR CF 22K J 0W25	80 1329	0091	SPACER L 7,5 D 6 D3,25 PC
10 1136	R130	RESISTOR CF 1K J 0W25	36 20216	0092	SCREW DIN84 M 3 X 6 MP-
10 1136	R131	RESISTOR CF 1K J 0W25	36 20256	0093	SCREW DIN84 M 3 X16 MP-
10 1134	R132	RESISTOR CF 680E J 0W25	36 7502	0094	WASHER DIN6798 A 3,2
10 1116	R133	RESISTOR CF 22E J 0W25	36 61026	0095	NUT DIN934 M 3 HEXAGONAL
10 1264	R135	RESISTOR CF 220K J 0W50	36 20216	010.	SCREW DIN84 M 3 X 6 MP-
10 1136	R136	RESISTOR CF 1K J 0W25	80 1456	0101	SPACER L25 H 5 M3 MS
10 1155	R137	RESISTOR CF 39K J 0W25	72 1620	011.	SPACER L 5, D 8, D3, PVC
10 1136	R141	RESISTOR CF 1K J 0W25	80 1329	0111	SPACER L 7,5 D 6 D3,25 PC
10 1158	R142	RESISTOR CF 68K J 0W25	36 20276	0113	SCREW DIN84 M 3 X20 MP-
10 1136	R144	RESISTOR CF 1K J 0W25	36 7502	0114	WASHER DIN6798 A 3,2
10 1158	R145	RESISTOR CF 68K J 0W25	80 1327	012.	HEATSINK PLATE VER HR
10 1136	R147	RESISTOR CF 1K J 0W25	36 20226	0121	SCREW DIN84 M 3 X 8 MP-
10 1158	R148	RESISTOR CF 68K J 0W25	36 61026	0122	NUT DIN934 M 3 HEXAGONAL
10 1124	R155	RESISTOR CF 100E J 0W25	36 7502	0123	WASHER DIN6798 A 3,2
10 1148	R156	RESISTOR CF 10K J 0W25	31 5315		CONNECTOR RIVET MOBTE D2 L14
10 1152	R157	RESISTOR CF 22K J 0W25			

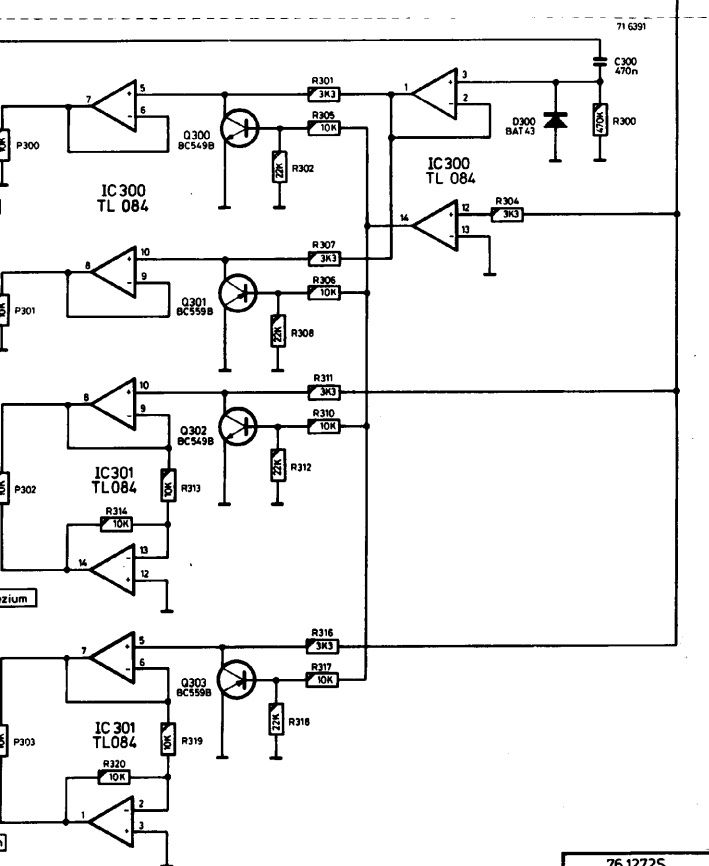
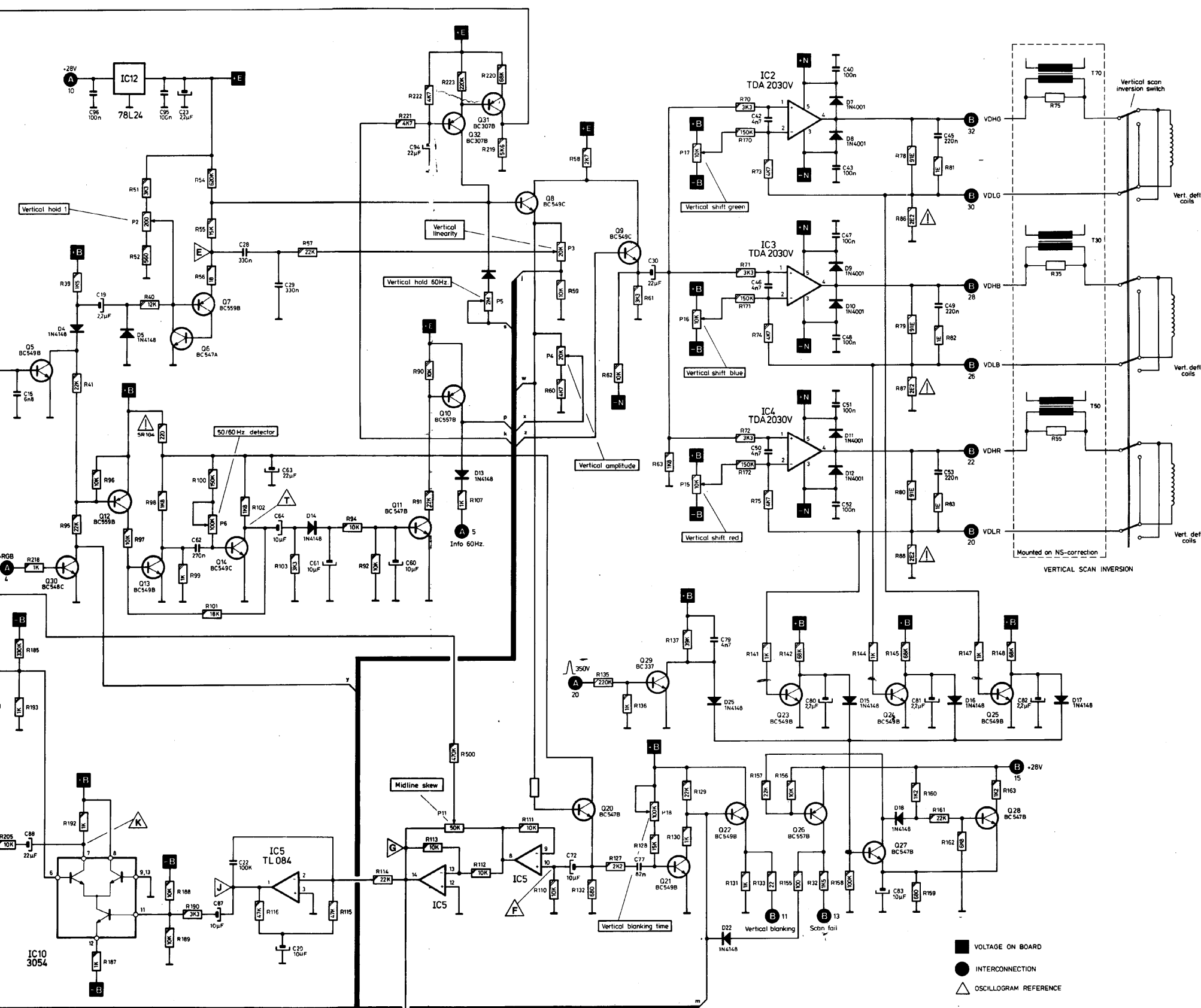
ITEM NO. -----	SIT. ----	DESCRIPTION -----	ITEM NO. -----	SIT. ----	DESCRIPTION -----
11 3732	C300	CAPACITOR POME 470K K5 63	10 1160	R303	RESISTOR CF 100K J 0W25
13 1636	D300	DIODE BAT43 SD101 SCHOTTKY	10 1142	R304	RESISTOR CF 3K3 J 0W25
13 4113	I300	INTEGRATED CIRCUIT 084	10 1148	R305	RESISTOR CF 10K J 0W25
13 4113	I301	INTEGRATED CIRCUIT 084	10 1148	R306	RESISTOR CF 10K J 0W25
10 6829	P300	TRIMPOT CEMV 10K K 0W50	10 1142	R307	RESISTOR CF 3K3 J 0W25
10 6829	P301	TRIMPOT CEMV 10K K 0W50	10 1152	R308	RESISTOR CF 22K J 0W25
10 6829	P302	TRIMPOT CEMV 10K K 0W50	10 1160	R309	RESISTOR CF 100K J 0W25
10 6829	P303	TRIMPOT CEMV 10K K 0W50	10 1148	R310	RESISTOR CF 10K J 0W25
71 6391	PC..	PC DATA VER SYN HRS45 761272S	10 1142	R311	RESISTOR CF 3K3 J 0W25
13 14295	Q300	TRANSISTOR BC549B,	10 1152	R312	RESISTOR CF 22K J 0W25
13 14181	Q301	TRANSISTOR BC559B,BC309B	10 1148	R313	RESISTOR CF 10K J 0W25
13 14295	Q302	TRANSISTOR BC549B,	10 1148	R314	RESISTOR CF 10K J 0W25
13 14181	Q303	TRANSISTOR BC559B,BC309B	10 1156	R315	RESISTOR CF 47K J 0W25
10 1168	R300	RESISTOR CF 470K J 0W25	10 1142	R316	RESISTOR CF 3K3 J 0W25
10 1142	R301	RESISTOR CF 3K3 J 0W25	10 1148	R317	RESISTOR CF 10K J 0W25
10 1152	R302	RESISTOR CF 22K J 0W25	10 1152	R318	RESISTOR CF 22K J 0W25
			10 1148	R319	RESISTOR CF 10K J 0W25
			10 1148	R320	RESISTOR CF 10K J 0W25
			10 1156	R321	RESISTOR CF 47K J 0W25
			10 1136		RESISTOR CF 1K J 0W25
			10 1158		RESISTOR CF 68K J 0W25

ITEM NO.	SIT.	DESCRIPTION	ITEM NO.	SIT.	DESCRIPTION
11 1531	C.86	CAPACITOR ELPRMI 10M M5 35	10 1136	R187	RESISTOR CF 1K J OW25
11 1531	C.87	CAPACITOR ELPRMI 10M M5 35	10 1148	R188	RESISTOR CF 10K J OW25
11 1157	C.88	CAPACITOR ELAX 22M Z 25	10 1148	R189	RESISTOR CF 10K J OW25
11 11565	C.89	CAPACITOR ELAX 10M Z 25	10 1142	R190	RESISTOR CF 3K3 J OW25
11 4100	C.90	CAPACITOR POMEFF 100K K 100	10 1150	R191	RESISTOR CF 15K J OW25
11 1157	C.94	CAPACITOR ELAX 22M Z 25	10 1136	R192	RESISTOR CF 1K J OW25
11 2774	C.95	CAPACITOR CE MI 100K U5 63	10 1136	R193	RESISTOR CF 1K J OW25
11 2774	C.96	CAPACITOR CE MI 100K U5 63	10 1136	R194	RESISTOR CF 1K J OW25
11 2774	C.97	CAPACITOR CE MI 100K U5 63	10 1160	R195	RESISTOR CF 100K J OW25
11 2243	C110	CAPACITOR NPO MI 120P J5 63	10 1156	R196	RESISTOR CF 47K J OW25
11 2243	C111	CAPACITOR NPO MI 120P J5 63	10 1136	R197	RESISTOR CF 1K J OW25
11 2243	C112	CAPACITOR NPO MI 120P J5 63	10 1137	R198	RESISTOR CF 1K2 J OW25
11 2243	C113	CAPACITOR NPO MI 120P J5 63	10 1160	R199	RESISTOR CF 100K J OW25
11 2774	C114	CAPACITOR CE MI 100K U5 63	10 1170	R200	RESISTOR CF 680K J OW25
11 1486	C115	CAPACITOR ELPR 47M Z5 40	10 1148	R205	RESISTOR CF 10K J OW25
11 1531	C116	CAPACITOR ELPRMI 10M M5 35	10 1160	R206	RESISTOR CF 100K J OW25
11 2739	C117	CAPACITOR CE MI 1K K5 63	10 1162	R207	RESISTOR CF 150K J OW25
11 3730	C118	CAPACITOR POME 330K K5 63	10 1147	R217	RESISTOR CF 8K2 J OW25
11 27391		CAPACITOR CE MI 1K K2 63	10 1145	R219	RESISTOR CF 5K6 J OW25
11 2743		CAPACITOR CE MI 2K2 K5 63	10 1158	R220	RESISTOR CF 68K J OW25
13 1644	D..1	DIODE 1N4001 RECTIFIER	10 1144	R221	RESISTOR CF 4K7 J OW25
13 1644	D..2	DIODE 1N4001 RECTIFIER	10 1144	R222	RESISTOR CF 4K7 J OW25
13 1621	D.30	DIODE 1N4148 SWITCH	10 1164	R223	RESISTOR CF 220K J OW25
13 7297	I.10	INTEGRATED CIRCUIT 3054	10 1148	R224	RESISTOR CF 10K J OW25
13 4113	I.11	INTEGRATED CIRCUIT 084	10 1148	R225	RESISTOR CF 10K J OW25
13 4025	I.12	INTEGRATED CIRCUIT 78L24	10 1150	R230	RESISTOR CF 15K J OW25
13 7332	I.13	INTEGRATED CIRCUIT 4098B	10 1154	R231	RESISTOR CF 33K J OW25
13 7332	I.14	INTEGRATED CIRCUIT 4098B	10 1124	R232	RESISTOR CF 100E J OW25
13 2751	I.15	INTEGRATED CIRCUIT 2030V TDA	10 1154	R234	RESISTOR CF 33K J OW25
10 6738	P.21	TRIMPOT CEMH 2M K OW50	10 1124	R235	RESISTOR CF 100E J OW25
71 6334	PC..	PC DATA VER SYN SUB HR 761272	10 1146	R250	RESISTOR CF 6K8 J OW25
13 14131	Q.31	TRANSISTOR BC557B,BC307B	10 1144	R252	RESISTOR CF 4K7 J OW25
13 14131	Q.32	TRANSISTOR BC557B,BC307B	10 1157	R253	RESISTOR CF 56K J OW25
13 14295	Q.33	TRANSISTOR BC549B,	10 1159	R254	RESISTOR CF 82K J OW25
10 1166	R185	RESISTOR CF 330K J OW25	10 1100	R255	RESISTOR CF 1E J OW25
			13 1721	Z..6	DIODE ZENER 13V OW5 C
			13 1744	Z..7	DIODE ZENER 5V6 OW5 C
			36 7406	001.	RIVET EYE D1,7L 3

ITEM NO.	SIT.	DESCRIPTION	ITEM NO.	SIT.	DESCRIPTION
11 11575	C400	CAPACITOR ELAX 22M Z 25	10 1160	R401	RESISTOR CF 100K J 0W25
11 3724	C401	CAPACITOR POME 100K K5 63	10 11444	R402	RESISTOR MF 4K7 F 0W25
11 3724	C402	CAPACITOR POME 100K K5 63	10 11474	R403	RESISTOR MF 8K2 F 0W25
13 4104	I400	INTEGRATED CIRCUIT 741 221	10 1157	R404	RESISTOR CF 56K J 0W25
13 4031	I401	INTEGRATED CIRCUIT 431C TL	10 1153	R405	RESISTOR CF 27K J 0W25
71 6471	PC..	PC GRAPHICS VER 761274S	10 1142	R406	RESISTOR CF 3K3 J 0W25
13 14295	Q400	TRANSISTOR BC549B,	10 1156	R407	RESISTOR CF 47K J 0W25
10 1148	R400	RESISTOR CF 10K J 0W25	10 1142	R408	RESISTOR CF 3K3 J 0W25
			31 3366	001.	CONNECTOR CIS MOBSE P 1 REEL

ITEM NO. -----	SIT. -----	DESCRIPTION -----	ITEM NO. -----	SIT. -----	DESCRIPTION -----
11 1510	C500	CAPACITOR ELPRMI 22M M5 25	10 1136	R501	RESISTOR CF 1K J 0W25
11 1510	C501	CAPACITOR ELPRMI 22M M5 25	10 1145	R502	RESISTOR CF 5K6 J 0W25
11 3724	C502	CAPACITOR POME 100K K5 63	10 1147	R503	RESISTOR CF 8K2 J 0W25
13 1621	D500	DIODE 1N4148 SWITCH	10 1148	R505	RESISTOR CF 10K J 0W25
13 1621	D501	DIODE 1N4148 SWITCH	10 1152	R506	RESISTOR CF 22K J 0W25
13 7391	I500	INTEGRATED CIRCUIT 4053B	10 1148	R507	RESISTOR CF 10K J 0W25
10 6830	P503	TRIMPOT CEMV 20K K 0W50	10 1160	R508	RESISTOR CF 100K J 0W25
10 6833	P504	TRIMPOT CEMV 100K K 0W50	10 1164	R509	RESISTOR CF 220K J 0W25
10 7534	P505	MULTITURN CE 100K K 0W75	10 1158		RESISTOR CF 68K J 0W25
10 7534	P506	MULTITURN CE 100K K 0W75	13 1735	Z500	DIODE ZENER 10V 0W5 C
71 6459	PC..	PC GRAPHICS MUPLOCK VER 761479	31 35882	001.	CONNECTOR MT MOBTE P11 2,5
13 14181	Q500	TRANSISTOR BC559B,BC309B	32 4787	004.	SWITCH FOX N 4U
13 14295	Q501	TRANSISTOR BC549B,	35 7011	0041	KNOB PUSH SWITCH D7,7X20 BLACK
10 1152	R500	RESISTOR CF 22K J 0W25	72 1990	0041	KNOB PUSH D BLA FST70
			31 3251	005.	CONNECTOR PIN MOBTE DO,8WIRE
			31 33921	0051	CONNECTOR JUMP F TE P 2 2,5
			34 8019	007.	WIRE TIE L100
			31 3366	008.	CONNECTOR CIS MOBSE P 1 REEL

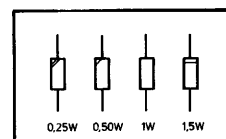




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FUNCTION TABLE

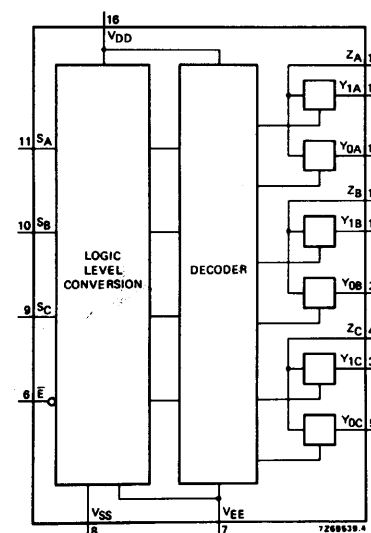
inputs	channel ON
E	S _n
L	L
H	H
X	Y _{0n} -Z _n Y _{1n} -Z _n none



PRODUCT SAFETY NOTICE

COMPONENTS MARKED WITH Δ OR * HAVE SPECIAL CHARACTERISTICS IMPORTANT TO SAFETY. BEFORE REPLACING ANY OF THESE COMPONENTS, READ CAREFULLY THE SERVICE SAFETY PRECAUTIONS.

DO NOT DEGRADE THE SAFETY OF THIS SET THROUGH IMPROPER SERVICING.



MODIFICATIONS RESERVED

