

DC - MEASUREMENTS

- Employed meter : HANDYKIT MK-601
- Supplied signal : internal convergence signal on 15 kHz and 64 kHz (see further)
- ALL MEASURED VALUES ARE EXPRESSED IN VOLT (DC)

a) Supply voltages

+G = 18 V at 15 kHz
36 V at 32 kHz
54 V at 42 kHz
72 V at 64 kHz
+A = 12 V / -A = -12 V
+B = 11 V / -B = -11 V
+C = 5.5 V
+M = 17 V / -M = -17 V

b) Measurements with convergence signal on 15 kHz

Q..	b	c	e
3	-1.3	1.1	0.0
4	2.1	-1.1	0.0
8	1.7	11.8	1.1
9	-1.3	0.6	0.0
10	2.1	0.5	0.0
11	2.1	0.5	0.0
12	-1.3	0.6	0.0
14	6.9	-0.4	7.4
15	2.3	11.9	1.6
18	-1.8	-0.8	0.0
19	2.1	0.8	0.0
20	-1.1	0.6	0.0
21	-1.0	0.6	0.0
22	-2.0	-0.6	0.0
23	-1.8	-0.5	0.0
24	11.1	1.1	11.8
40	0.5	11.9	1.4

GLEICHSPANNUNGSMESSUNGEN

- Verwandtes Messgerät : HANDYKIT MK-601
- Gespeistes Signal : das innere Konvergenzsignal auf 15 KHz und 64 KHz (siehe weiter)
- ALLE MESSWERTE SIND AUSGEDRÜCKT IN VOLT (DC)

a) Speisungsspannungen

b) Messwerte mit dem inneren Konvergenzsignal auf 15 kHz

Q..	d	g	s
Q13	0.0	-0.4	0.0

pin													
													IC 14
													IC 15
													IC 16
	IC 1	IC 2	IC 4	IC 5	IC 6	IC 7	IC 8	IC 9	IC 10	IC 11	IC 12	IC 13	IC 17
1	-1.1	-		-	-0.5	-0.5	0.8	-0.8	0.8	0.5	0.6	-0.5	0.0
2	-1.1	-		-	0.0	0.0	0.8	0.0	0.8	0.0	0.6	-0.5	-0.7
3	-1.1	-		-	0.0	0.0	0.8	0.0	0.8	0.0	0.6	-0.5	-0.7
4	12.0	-		-	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	0.0
5	0.0	-		-	0.5	0.5	0.8	0.0	0.0	0.0	0.6	-0.6	-10.2
6	0.0	-	0.1	-	0.5	0.5	0.8	0.0	0.0	0.0	0.6	-0.6	7.9
7	1.1	-	10.9	-	0.5	0.5	0.8	-0.8	-0.8	-0.5	0.6	-0.6	-
8	-1.1	0.0	11.9	-	0.6	0.6	-0.3	-	-1.1	0.0	-0.6	0.6	5.1
9	0.0	0.0	0.0	-	0.6	0.6	0.0	-	0.0	0.0	0.0	0.0	-
10	0.0	0.0		-	0.6	0.6	0.0	-	0.0	0.0	0.0	0.0	5.1
11	-12.0	-12.0	-4.1	-12.0	-12.0	-12.0	-12.0	-12.0	-12.0	-12.0	-12.0	-12.0	-
12	1.1	0.0	-4.8	-3.5	0.0	0.0	0.0	-	-0.8	-	0.0	0.0	10.6
13	1.1	0.0		-3.5	0.0	0.0	0.0	-	-0.8	-	0.0	0.0	-
14	1.1	0.1		-10.6	-0.6	-0.6	0.0	-	-0.8	-	-0.6	0.5	-11.3

c) Measurements with convergence signal on
64 kHz

c) Messwerte mit dem inneren Konvergenzsignal
auf 64 kHz

Q...	b	c	e
6	2.0	12.0	1.7
7	3.4	12.0	3.1
604	-1.0	1.6	0.0
605	2.1	-1.5	0.0
606	2.6	1.5	0.0
607	0.2	1.5	0.0
608	-1.0	1.1	0.0
609	2.1	-1.1	0.0
610	2.6	0.9	0.0
611	0.2	0.7	0.0

Q...	b	c	e
701	53.2	5.5	53.8
702	35.7	6.5	36.3
703	18.3	4.9	18.9
705	2.1	12.0	1.5
706	-1.0	1.1	0.0
707	2.1	-1.1	0.0
708	2.5	0.8	0.0
709	0.2	0.6	0.0

pin	IC 2	IC 5	IC 600	IC 601	IC 602	IC 603	IC 604
1	8.1	0.0	-	1.6	-1.5	1.1	-0.9
2	8.1	0.0	-	1.6	0.0	1.1	0.0
3	8.1	0.0	-	1.6	0.0	1.1	0.0
4	12.0	12.0	12.0	12.0	12.0	12.0	12.0
5	0.0	-	-	0.0	1.5	0.0	0.9
6	0.0	-	-	0.0	1.5	0.0	0.9
7	-8.1	-	-	-1.6	1.5	-1.1	0.9
8	-	0.0	8.1	1.5	1.5	1.1	0.7
9	-	0.0	8.1	0.0	1.5	0.0	0.7
10	-	0.0	8.1	0.0	1.5	0.0	0.7
11	-12.0	-12.0	-12.0	-12.0	-12.0	-12.0	-12.0
12	-	-	0.0	-1.5	0.0	-1.1	0.0
13	-	-	0.0	-1.5	0.0	-1.1	0.0
14	-	-	-8.1	-1.5	-1.5	-1.1	-0.7

pin	IC 701	IC 702	IC 703, 704, 705	IC 706	IC 707
1	0.0	0.0	0.0	-1.1	0.6
2	0.0	0.0	-0.7	-1.1	0.6
3	0.0	0.0	-0.7	-1.1	0.6
4	12.0	12.0	0.0	12.0	12.0
5	3.5	-	-10.6	0.0	0.0
6	3.5	-	9.6	0.0	0.0
7	3.5	-	-	1.1	-0.6
8	-3.5	0.0	5.8	-1.1	-0.8
9	0.0	0.0	-	0.0	0.0
10	0.0	0.0	5.8	0.0	0.0
11	-12.0	-12.0	-	-12.0	-12.0
12	0.0	-	12.0	1.1	0.8
13	0.0	-	-	1.1	0.8
14	0.0	-	-12.0	1.1	0.8

- : pin is not used or not existing

- : Dieser Anschluß ist nicht verwendet oder besteht nicht

ATTENTION : The following potentiometers are factory preset. Every alteration of these adjustments can limit the range of certain convergence controls!

- Necessary equipment : Oscilloscope

a) Adjustment of P11

- Select the internal convergence signal at 32 kHz.
- Connect the oscilloscope to the emitter of Q8. You can see a parabolic signal.
- Adjust P11 to obtain an amplitude of 3 Vpp.

b) Adjustment of P711

- Select the internal convergence signal on 64 kHz.
- Connect the oscilloscope to the emitter of Q705. You can see a parabolic signal.
- Adjust P711 to obtain an amplitude of 3 Vpp.

c) Adjustment of P712

- Select the internal convergence signal on 42 kHz.
- Connect the oscilloscope to the emitter of Q7. You can see a parabolic signal.
- Adjust P712 to obtain an amplitude of 3 Vpp.

d) Adjustment of P713

- Select the internal convergence signal on 32 kHz.
- Connect the oscilloscope to the emitter of Q6. You can see a parabolic signal.
- Adjust P713 to obtain an amplitude of 3 Vpp.

ACHTUNG : Die folgenden Potentiometers sind im Betrieb korrekt eingestellt. Jede Änderung dieser Einstellung kann das Bereich bestimmter Konvergenzregelungen begrenzen.

- Benötigtes Material : Oszilloskop

a) Einstellung von P11

- Wählen Sie das innere Konvergenzsignal auf 32 KHz.
- Verbinden Sie das Oszilloskop mit dem Emitter von Q8. Sie sehen ein Parabelsignal.
- Stellen Sie P11 so ein, daß die Amplitude des Signals 3 V beträgt.

b) Einstellung von P711

- Wählen Sie das innere Konvergenzsignal auf 64 KHz.
- Verbinden Sie das Oszilloskop mit dem Emitter von Q705. Sie sehen ein Parabelsignal.
- Stellen Sie P711 so ein, daß die Amplitude des Signals 3 V beträgt.

c) Einstellung von P712

- Wählen Sie das innere Konvergenzsignal auf 42 KHz.
- Verbinden Sie das Oszilloskop mit dem Emitter von Q7. Sie sehen ein Parabelsignal.
- Stellen Sie P11 so ein, daß die Amplitude des Signals 3 V beträgt.

d) Einstellung von P713

- Wählen Sie das innere Konvergenzsignal auf 32 KHz.
- Verbinden Sie das Oszilloskop mit dem Emitter von Q6. Sie sehen ein Parabelsignal.
- Stellen Sie P713 so ein, daß die Amplitude des Signals 3 V beträgt.

ITEM NO.	SIT.	DESCRIPTION	ITEM NO.	SIT.	DESCRIPTION
11 2683	C..2	CAPACITOR N750MI 22P G5 500	13 1637	D..1	DIODE BA158 SWITCH
11 5932	C..3	CAPACITOR PP RA 4K7 J5 63	13 1636	D..3	DIODE BAT43 SD101 SCHOTTKY
11 3724	C..4	CAPACITOR POME 100K K5 63	13 1636	D..4	DIODE BAT43 SD101 SCHOTTKY
11 3724	C..5	CAPACITOR POME 100K K5 63	13 1636	D..5	DIODE BAT43 SD101 SCHOTTKY
11 59081	C..6	CAPACITOR PP RA 470P J5 100	13 1636	D..6	DIODE BAT43 SD101 SCHOTTKY
11 3724	C..7	CAPACITOR POME 100K K5 63	13 1636	D..7	DIODE BAT43 SD101 SCHOTTKY
11 3724	C..9	CAPACITOR POME 100K K5 63	13 1636	D..8	DIODE BAT43 SD101 SCHOTTKY
11 3724	C.10	CAPACITOR POME 100K K5 63	13 1636	D..9	DIODE BAT43 SD101 SCHOTTKY
11 2774	C.11	CAPACITOR CE MI 100K U5 63	13 1636	D.10	DIODE BAT43 SD101 SCHOTTKY
11 1531	C.15	CAPACITOR ELPRMI 10M M5 35	13 1628	D.11	DIODE BAW62 SWITCH
11 3724	C.17	CAPACITOR POME 100K K5 63	13 1628	D.12	DIODE BAW62 SWITCH
11 3724	C.18	CAPACITOR POME 100K K5 63	13 1636	D.15	DIODE BAT43 SD101 SCHOTTKY
11 3724	C.19	CAPACITOR POME 100K K5 63	13 1636	D.16	DIODE BAT43 SD101 SCHOTTKY
11 1219	C.20	CAPACITOR ELAX 47M Z 100	13 1621	D.17	DIODE 1N4148 SWITCH
11 11565	C.21	CAPACITOR ELAX 10M Z 25	13 1621	D.18	DIODE 1N4148 SWITCH
11 3720	C.25	CAPACITOR POME 47K K5 63	13 1636	D.20	DIODE BAT43 SD101 SCHOTTKY
11 1515	C.26	CAPACITOR ELPRMI 150M M5 16	13 1621	D.21	DIODE 1N4148 SWITCH
11 1550	C.27	CAPACITOR ELPRMI 4M7 M5 50	13 1621		DIODE 1N4148 SWITCH
11 1550	C.28	CAPACITOR ELPRMI 4M7 M5 50	13 1636		DIODE BAT43 SD101 SCHOTTKY
11 1550	C.29	CAPACITOR ELPRMI 4M7 M5 50	13 1787		DIODE ZENER 51V OW5 C
11 1550	C.30	CAPACITOR ELPRMI 4M7 M5 50			
11 1680	C.31	CAPACITOR ELRABI 10M V 40	13 4113	I..1	INTEGRATED CIRCUIT 084
11 1680	C.32	CAPACITOR ELRABI 10M V 40	13 4113	I..2	INTEGRATED CIRCUIT 084
11 2747	C.33	CAPACITOR CE MI 4K7 K5 63	13 7297	I..4	INTEGRATED CIRCUIT 3054
11 5932	C.35	CAPACITOR PP RA 4K7 J5 63	13 4113	I..5	INTEGRATED CIRCUIT 084
11 2234	C.36	CAPACITOR NPO MI 22P G5 63	13 4113	I..6	INTEGRATED CIRCUIT 084
11 11565	C.37	CAPACITOR ELAX 10M Z 25	13 4113	I..7	INTEGRATED CIRCUIT 084
11 11565	C.38	CAPACITOR ELAX 10M Z 25	13 4113	I..8	INTEGRATED CIRCUIT 084
11 3730	C.39	CAPACITOR POME 330K K5 63	13 4113	I..9	INTEGRATED CIRCUIT 084
11 2774	C.40	CAPACITOR CE MI 100K U5 63	13 4113	I.10	INTEGRATED CIRCUIT 084
11 1546	C.41	CAPACITOR ELPRMI 1M M5 50	13 4113	I.11	INTEGRATED CIRCUIT 084
11 1548	C.42	CAPACITOR ELPRMI 2M2 M5 50	13 4113	I.12	INTEGRATED CIRCUIT 084
11 11565	C.43	CAPACITOR ELAX 10M Z 25	13 4113	I.13	INTEGRATED CIRCUIT 084
11 3728	C.44	CAPACITOR POME 220K K5 63	13 27655	I.14	INTEGRATED CIRCUIT 1496
11 1164	C.45	CAPACITOR ELAX 1000M T 25	13 27655	I.15	INTEGRATED CIRCUIT 1496
11 1164	C.46	CAPACITOR ELAX 1000M T 25	13 27655	I.16	INTEGRATED CIRCUIT 1496
11 11565	C.50	CAPACITOR ELAX 10M Z 25	13 27655	I.17	INTEGRATED CIRCUIT 1496
11 2747	C.51	CAPACITOR CE MI 4K7 K5 63	13 4113	I.18	INTEGRATED CIRCUIT 084
11 2774	C.52	CAPACITOR CE MI 100K U5 63	13 4113	I.20	INTEGRATED CIRCUIT 084
11 3724	C.53	CAPACITOR POME 100K K5 63	13 2788	I.21	INTEGRATED CIRCUIT 1875 LM
11 2774	C.55	CAPACITOR CE MI 100K U5 63	13 2788	I.22	INTEGRATED CIRCUIT 1875 LM
11 2774	C.56	CAPACITOR CE MI 100K U5 63	13 2788	I.23	INTEGRATED CIRCUIT 1875 LM
11 37121	C.57	CAPACITOR POME 10K K5 100	13 2788	I.24	INTEGRATED CIRCUIT 1875 LM
11 11565	C.60	CAPACITOR ELAX 10M Z 25	13 2788	I.25	INTEGRATED CIRCUIT 1875 LM
11 2747	C.61	CAPACITOR CE MI 4K7 K5 63	13 4002	I.27	INTEGRATED CIRCUIT 7812
11 2774	C.62	CAPACITOR CE MI 100K U5 63	13 4016	I.28	INTEGRATED CIRCUIT 7912
11 3724	C.63	CAPACITOR POME 100K K5 63			
11 2774	C.65	CAPACITOR CE MI 100K U5 63	10 67291	P..1	TRIMPOT CEMH 10K K OW50
11 2774	C.66	CAPACITOR CE MI 100K U5 63	10 67291	P..2	TRIMPOT CEMH 10K K OW50
11 37121	C.67	CAPACITOR POME 10K K5 100	10 67291	P..3	TRIMPOT CEMH 10K K OW50
11 11565	C.70	CAPACITOR ELAX 10M Z 25	10 67291	P..4	TRIMPOT CEMH 10K K OW50
11 2747	C.71	CAPACITOR CE MI 4K7 K5 63	10 67291	P..5	TRIMPOT CEMH 10K K OW50
11 2774	C.72	CAPACITOR CE MI 100K U5 63	10 67291	P..6	TRIMPOT CEMH 10K K OW50
11 3724	C.73	CAPACITOR POME 100K K5 63	10 67291	P..7	TRIMPOT CEMH 10K K OW50
11 2774	C.75	CAPACITOR CE MI 100K U5 63	10 67291	P.11	TRIMPOT CEMH 10K K OW50
11 2774	C.76	CAPACITOR CE MI 100K U5 63	10 67291	P.14	TRIMPOT CEMH 10K K OW50
11 37121	C.77	CAPACITOR POME 10K K5 100	10 67291	P.15	TRIMPOT CEMH 10K K OW50
11 11565	C.80	CAPACITOR ELAX 10M Z 25	10 67291	P.16	TRIMPOT CEMH 10K K OW50
11 2747	C.81	CAPACITOR CE MI 4K7 K5 63	10 67291	P.17	TRIMPOT CEMH 10K K OW50
11 2774	C.82	CAPACITOR CE MI 100K U5 63	10 67291	P.18	TRIMPOT CEMH 10K K OW50
11 3724	C.83	CAPACITOR POME 100K K5 63	10 67291	P.19	TRIMPOT CEMH 10K K OW50
11 2774	C.85	CAPACITOR CE MI 100K U5 63	10 67291	P.21	TRIMPOT CEMH 10K K OW50
11 2774	C.86	CAPACITOR CE MI 100K U5 63	10 67291	P.22	TRIMPOT CEMH 10K K OW50
11 37121	C.87	CAPACITOR POME 10K K5 100	10 67291	P.25	TRIMPOT CEMH 10K K OW50
11 2774	C.95	CAPACITOR CE MI 100K U5 63	10 67291	P.27	TRIMPOT CEMH 10K K OW50
11 2774	C.96	CAPACITOR CE MI 100K U5 63	10 67291	P.28	TRIMPOT CEMH 10K K OW50
11 37121	C.97	CAPACITOR POME 10K K5 100	10 67291	P.29	TRIMPOT CEMH 10K K OW50
11 1185		CAPACITOR ELAX 22M T 40	10 67291	P.31	TRIMPOT CEMH 10K K OW50
11 2760		CAPACITOR CE MI 3K3 K5 63	10 67291	P.33	TRIMPOT CEMH 10K K OW50
11 4132		CAPACITOR POMEFF 100K K 250	10 67291	P.34	TRIMPOT CEMH 10K K OW50

ITEM NO.	SIT.	DESCRIPTION	ITEM NO.	SIT.	DESCRIPTION
10 67291	P.35	TRIMPOT CEMH 10K K OW50	10 1160	R.14	RESISTOR CF 100K J OW25
10 67291	P.37	TRIMPOT CEMH 10K K OW50	10 1144	R.15	RESISTOR CF 4K7 J OW25
10 67291	P.39	TRIMPOT CEMH 10K K OW50	10 1148	R.16	RESISTOR CF 10K J OW25
10 67291	P.41	TRIMPOT CEMH 10K K OW50	10 1164	R.18	RESISTOR CF 220K J OW25
10 67291	P.43	TRIMPOT CEMH 10K K OW50	10 1152	R.20	RESISTOR CF 22K J OW25
10 67291	P.44	TRIMPOT CEMH 10K K OW50	10 1152	R.21	RESISTOR CF 22K J OW25
10 67291	P.45	TRIMPOT CEMH 10K K OW50	10 1144	R.22	RESISTOR CF 4K7 J OW25
10 67291	P.46	TRIMPOT CEMH 10K K OW50	10 1140	R.23	RESISTOR CF 2K2 J OW25
10 67291	P.47	TRIMPOT CEMH 10K K OW50	10 1140	R.24	RESISTOR CF 2K2 J OW25
10 67291	P.48	TRIMPOT CEMH 10K K OW50	10 1148	R.25	RESISTOR CF 10K J OW25
10 67291	P.49	TRIMPOT CEMH 10K K OW50	10 1148	R.26	RESISTOR CF 10K J OW25
10 67291	P.50	TRIMPOT CEMH 10K K OW50	10 1148	R.27	RESISTOR CF 10K J OW25
10 67291	P.51	TRIMPOT CEMH 10K K OW50	10 1148	R.28	RESISTOR CF 10K J OW25
10 67291	P.52	TRIMPOT CEMH 10K K OW50	10 1152	R.29	RESISTOR CF 22K J OW25
10 67291	P.53	TRIMPOT CEMH 10K K OW50	10 1152	R.30	RESISTOR CF 22K J OW25
10 67291	P.54	TRIMPOT CEMH 10K K OW50	10 1144	R.31	RESISTOR CF 4K7 J OW25
10 67291	P.55	TRIMPOT CEMH 10K K OW50	10 1140	R.32	RESISTOR CF 2K2 J OW25
10 67291	P.56	TRIMPOT CEMH 10K K OW50	10 1140	R.33	RESISTOR CF 2K2 J OW25
10 67291	P.57	TRIMPOT CEMH 10K K OW50	10 1143	R.34	RESISTOR CF 3K9 J OW25
10 67291	P.58	TRIMPOT CEMH 10K K OW50	10 1148	R.35	RESISTOR CF 10K J OW25
10 67291	P.59	TRIMPOT CEMH 10K K OW50	10 1144	R.36	RESISTOR CF 4K7 J OW25
71 5894	PC..	PC DATA3 CONV 43 761268	10 1156	R.51	RESISTOR CF 47K J OW25
13 1491	Q..1	TRANSISTOR BSX20,2N2369	10 1142	R.54	RESISTOR CF 3K3 J OW25
13 2552	Q..2	TRANSISTOR BF423	10 1146	R.55	RESISTOR CF 6K8 J OW25
13 14295	Q..3	TRANSISTOR BC549B,	10 1144	R.57	RESISTOR CF 4K7 J OW25
13 14131	Q..4	TRANSISTOR BC557B,BC307B	10 1146	R.59	RESISTOR CF 6K8 J OW25
13 1428	Q..6	TRANSISTOR BC548C,BC238C	10 1136	R.61	RESISTOR CF 1K J OW25
13 1428	Q..7	TRANSISTOR BC548C,BC238C	10 1144	R.62	RESISTOR CF 4K7 J OW25
13 1428	Q..8	TRANSISTOR BC548C,BC238C	10 1144	R.63	RESISTOR CF 4K7 J OW25
13 14295	Q..9	TRANSISTOR BC549B,	10 1152	R.64	RESISTOR CF 22K J OW25
13 14131	Q.10	TRANSISTOR BC557B,BC307B	10 1152	R.65	RESISTOR CF 22K J OW25
13 14131	Q.11	TRANSISTOR BC557B,BC307B	10 1152	R.66	RESISTOR CF 22K J OW25
13 14295	Q.12	TRANSISTOR BC549B,	10 1152	R.67	RESISTOR CF 22K J OW25
13 2528	Q.13	TRANSISTOR BC264B FET	10 1140	R.68	RESISTOR CF 2K2 J OW25
13 14131	Q.14	TRANSISTOR BC557B,BC307B	10 1140	R.69	RESISTOR CF 2K2 J OW25
13 1428	Q.15	TRANSISTOR BC548C,BC238C	10 1140	R.70	RESISTOR CF 2K2 J OW25
13 14295	Q.16	TRANSISTOR BC549B,	10 1140	R.71	RESISTOR CF 2K2 J OW25
13 14295	Q.17	TRANSISTOR BC549B,	10 1148	R.73	RESISTOR CF 10K J OW25
13 14295	Q.18	TRANSISTOR BC549B,	10 1148	R.74	RESISTOR CF 10K J OW25
13 14131	Q.19	TRANSISTOR BC557B,BC307B	10 1148	R.75	RESISTOR CF 10K J OW25
13 14295	Q.20	TRANSISTOR BC549B,	10 1140	R.76	RESISTOR CF 2K2 J OW25
13 14295	Q.21	TRANSISTOR BC549B,	10 1140	R.77	RESISTOR CF 2K2 J OW25
13 14295	Q.22	TRANSISTOR BC549B,	10 1136	R.82	RESISTOR CF 1K J OW25
13 14295	Q.23	TRANSISTOR BC549B,	10 1136	R.83	RESISTOR CF 1K J OW25
13 2520	Q.24	TRANSISTOR 2N2907	10 1136	R.85	RESISTOR CF 1K J OW25
13 14295	Q.25	TRANSISTOR BC549B,	10 1164	R.87	RESISTOR CF 220K J OW25
13 14295	Q.26	TRANSISTOR BC549B,	10 1152	R.89	RESISTOR CF 22K J OW25
13 14295	Q.27	TRANSISTOR BC549B,	10 1156	R.90	RESISTOR CF 47K J OW25
13 14295	Q.28	TRANSISTOR BC549B,	10 1156	R.91	RESISTOR CF 47K J OW25
13 14295	Q.31	TRANSISTOR BC549B,	10 1142	R.92	RESISTOR CF 3K3 J OW25
13 14295	Q.32	TRANSISTOR BC549B,	10 1146	R.93	RESISTOR CF 6K8 J OW25
13 14295	Q.33	TRANSISTOR BC549B,	10 1142	R.94	RESISTOR CF 3K3 J OW25
13 14295	Q.34	TRANSISTOR BC549B,	10 1146	R.95	RESISTOR CF 6K8 J OW25
13 14071	Q.40	TRANSISTOR BC547B,BC237B	10 1146	R.98	RESISTOR CF 6K8 J OW25
10 11129	R..1	RESISTOR CFFUL 10E J OW25	10 1158	R.99	RESISTOR CF 68K J OW25
10 1159	R..2	RESISTOR CF 82K J OW25	10 1136	R100	RESISTOR CF 1K J OW25
10 1136	R..3	RESISTOR CF 1K J OW25	10 1136	R101	RESISTOR CF 1K J OW25
10 1148	R..4	RESISTOR CF 10K J OW25	10 1144	R102	RESISTOR CF 4K7 J OW25
10 1155	R..5	RESISTOR CF 39K J OW25	10 1144	R103	RESISTOR CF 4K7 J OW25
10 1157	R..6	RESISTOR CF 56K J OW25	10 1152	R104	RESISTOR CF 22K J OW25
10 1151	R..7	RESISTOR CF 18K J OW25	10 1152	R105	RESISTOR CF 22K J OW25
10 1142	R..8	RESISTOR CF 3K3 J OW25	10 1152	R106	RESISTOR CF 22K J OW25
10 1140	R..9	RESISTOR CF 2K2 J OW25	10 1152	R107	RESISTOR CF 22K J OW25
10 1140	R.10	RESISTOR CF 2K2 J OW25	10 1140	R108	RESISTOR CF 2K2 J OW25
10 1159	R.11	RESISTOR CF 82K J OW25	10 1140	R109	RESISTOR CF 2K2 J OW25
10 1154	R.12	RESISTOR CF 33K J OW25	10 1140	R110	RESISTOR CF 2K2 J OW25
10 1154	R.13	RESISTOR CF 33K J OW25	10 1140	R111	RESISTOR CF 2K2 J OW25
			10 1148	R113	RESISTOR CF 10K J OW25
			10 1135	R114	RESISTOR CF 820E J OW25
			10 1139	R115	RESISTOR CF 1K8 J OW25

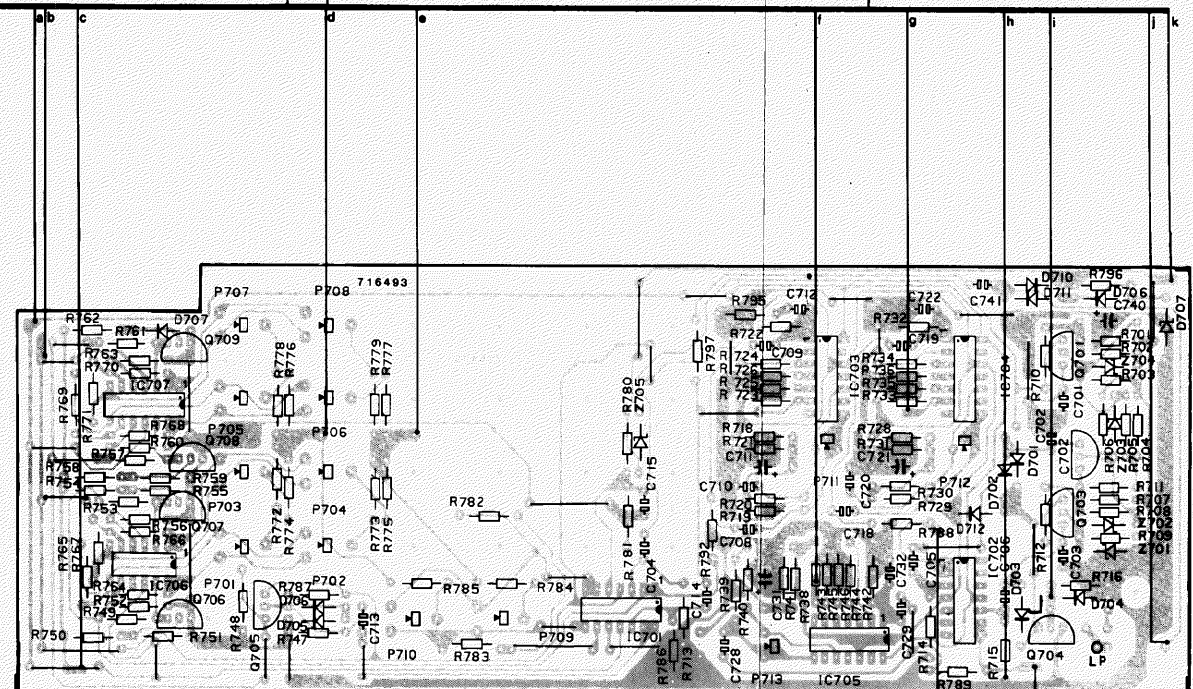
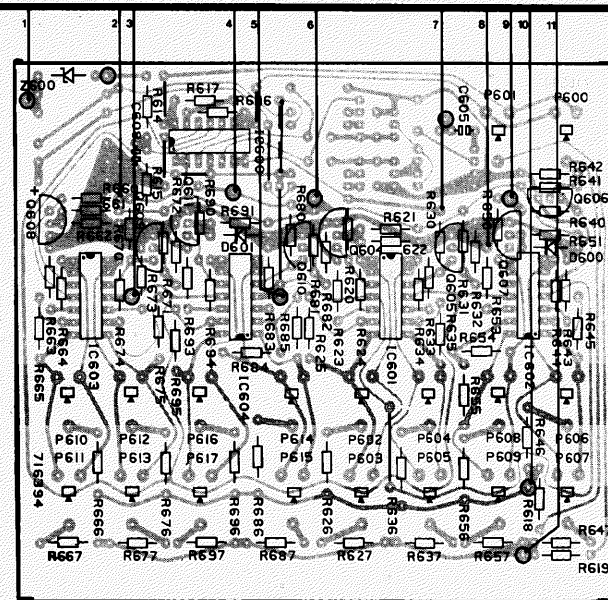
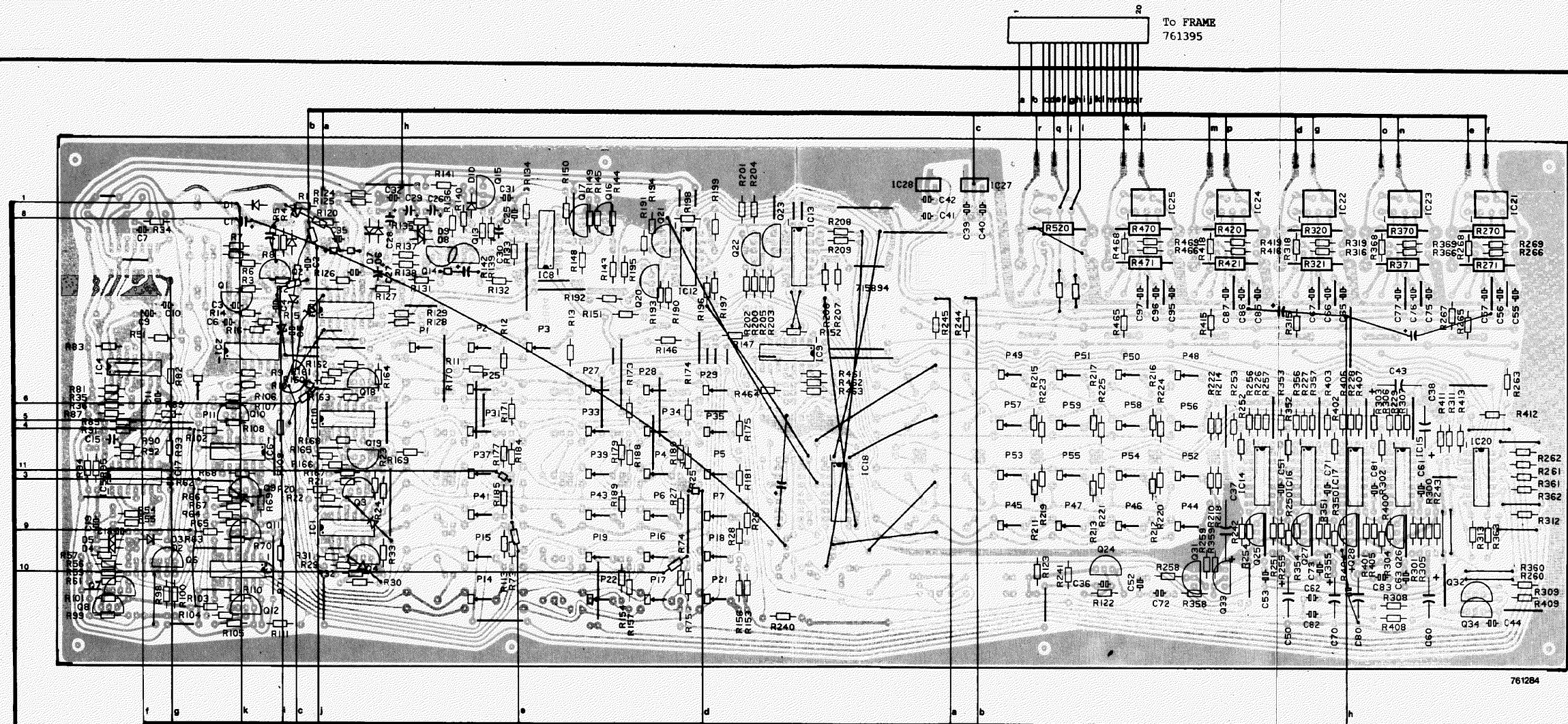
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10 1264	R117	RESISTOR CF 220K J OW50	10 1140	R199	RESISTOR CF 2K2 J OW25
10 1160	R118	RESISTOR CF 100K J OW25	10 1148	R200	RESISTOR CF 10K J OW25
10 1136	R119	RESISTOR CF 1K J OW25	10 1152	R201	RESISTOR CF 22K J OW25
10 1256	R120	RESISTOR CF 47K J OW50	10 1152	R202	RESISTOR CF 22K J OW25
10 1130	R121	RESISTOR CF 330E J OW25	10 1148	R203	RESISTOR CF 10K J OW25
10 1149	R122	RESISTOR CF 12K J OW25	10 1152	R204	RESISTOR CF 22K J OW25
10 1136	R123	RESISTOR CF 1K J OW25	10 1152	R205	RESISTOR CF 22K J OW25
10 1148	R124	RESISTOR CF 10K J OW25	10 1140	R206	RESISTOR CF 2K2 J OW25
10 1141	R125	RESISTOR CF 2K7 J OW25	10 1140	R207	RESISTOR CF 2K2 J OW25
10 1140	R126	RESISTOR CF 2K2 J OW25	10 1140	R208	RESISTOR CF 2K2 J OW25
10 1142	R127	RESISTOR CF 3K3 J OW25	10 1140	R209	RESISTOR CF 2K2 J OW25
10 1140	R128	RESISTOR CF 2K2 J OW25	10 1148	R210	RESISTOR CF 10K J OW25
10 1140	R129	RESISTOR CF 2K2 J OW25	10 1148	R211	RESISTOR CF 10K J OW25
10 1140	R130	RESISTOR CF 2K2 J OW25	10 1148	R212	RESISTOR CF 10K J OW25
10 1148	R131	RESISTOR CF 10K J OW25	10 1148	R213	RESISTOR CF 10K J OW25
10 1152	R132	RESISTOR CF 22K J OW25	10 1148	R214	RESISTOR CF 10K J OW25
10 1152	R133	RESISTOR CF 22K J OW25	10 1148	R215	RESISTOR CF 10K J OW25
10 1176	R134	RESISTOR CF 2K2 J OW25	10 1148	R216	RESISTOR CF 10K J OW25
10 1160	R135	RESISTOR CF 100K J OW25	10 1148	R217	RESISTOR CF 10K J OW25
10 1164	R136	RESISTOR CF 220K J OW25	10 1148	R218	RESISTOR CF 10K J OW25
10 1152	R137	RESISTOR CF 22K J OW25	10 1148	R219	RESISTOR CF 10K J OW25
10 1156	R138	RESISTOR CF 47K J OW25	10 1148	R220	RESISTOR CF 10K J OW25
10 1156	R139	RESISTOR CF 47K J OW25	10 1148	R221	RESISTOR CF 10K J OW25
10 1144	R141	RESISTOR CF 4K7 J OW25	10 1148	R222	RESISTOR CF 10K J OW25
10 1148	R142	RESISTOR CF 10K J OW25	10 1148	R223	RESISTOR CF 10K J OW25
10 1152	R143	RESISTOR CF 22K J OW25	10 1148	R224	RESISTOR CF 10K J OW25
10 1148	R144	RESISTOR CF 10K J OW25	10 1148	R225	RESISTOR CF 10K J OW25
10 1142	R145	RESISTOR CF 3K3 J OW25	10 1140	R226	RESISTOR CF 2K2 J OW25
10 1140	R146	RESISTOR CF 2K2 J OW25	10 1140	R227	RESISTOR CF 2K2 J OW25
10 1140	R147	RESISTOR CF 2K2 J OW25	10 1140	R228	RESISTOR CF 2K2 J OW25
10 1152	R148	RESISTOR CF 22K J OW25	10 1140	R229	RESISTOR CF 2K2 J OW25
10 1148	R149	RESISTOR CF 10K J OW25	10 1152	R240	RESISTOR CF 22K J OW25
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10 1140	R152	RESISTOR CF 2K2 J OW25	10 1132	R243	RESISTOR CF 470E J OW25
10 1148	R153	RESISTOR CF 10K J OW25	10 11169	R244	RESISTOR CFFUL 22E J OW25
10 1148	R154	RESISTOR CF 10K J OW25	10 11169	R245	RESISTOR CFFUL 22E J OW25
10 1148	R156	RESISTOR CF 10K J OW25	10 11907	R246	RESISTOR CFF E10 J OW40
10 1148	R157	RESISTOR CF 10K J OW25	10 11907	R247	RESISTOR CFF E10 J OW40
10 1142	R160	RESISTOR CF 3K3 J OW25	10 1136	R250	RESISTOR CF 1K J OW25
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10 1152	R162	RESISTOR CF 22K J OW25	10 1138	R252	RESISTOR CF 1K5 J OW25
10 1140	R163	RESISTOR CF 2K2 J OW25	10 1150	R253	RESISTOR CF 15K J OW25
10 1140	R164	RESISTOR CF 2K2 J OW25	10 1143	R254	RESISTOR CF 3K9 J OW25
10 1142	R165	RESISTOR CF 3K3 J OW25	10 1152	R255	RESISTOR CF 22K J OW25
10 1152	R166	RESISTOR CF 22K J OW25	10 1140	R256	RESISTOR CF 2K2 J OW25
10 1152	R167	RESISTOR CF 22K J OW25	10 1136	R257	RESISTOR CF 1K J OW25
10 1140	R168	RESISTOR CF 2K2 J OW25	10 1152	R258	RESISTOR CF 22K J OW25
10 1140	R169	RESISTOR CF 2K2 J OW25	10 1164	R259	RESISTOR CF 220K J OW25
10 1148	R171	RESISTOR CF 10K J OW25	10 1160	R261	RESISTOR CF 100K J OW25
10 1148	R173	RESISTOR CF 10K J OW25	10 1152	R262	RESISTOR CF 22K J OW25
10 1148	R174	RESISTOR CF 10K J OW25	10 1148	R263	RESISTOR CF 10K J OW25
10 1148	R175	RESISTOR CF 10K J OW25	10 1137	R265	RESISTOR CF 1K2 J OW25
10 1148	R177	RESISTOR CF 10K J OW25	10 1140	R266	RESISTOR CF 2K2 J OW25
10 1148	R179	RESISTOR CF 10K J OW25	10 1133	R268	RESISTOR CF 560E J OW25
10 1148	R180	RESISTOR CF 10K J OW25	10 1104	R269	RESISTOR CF 2E2 J OW25
10 1148	R181	RESISTOR CF 10K J OW25	10 1320	R270	RESISTOR CF 47E J 1W
10 1148	R184	RESISTOR CF 10K J OW25	10 3620	R271	RESISTOR WW H 4E7 K 4W
10 1148	R185	RESISTOR CF 10K J OW25	10 1136	R300	RESISTOR CF 1K J OW25
10 1148	R188	RESISTOR CF 10K J OW25	10 1152	R301	RESISTOR CF 22K J OW25
10 1148	R189	RESISTOR CF 10K J OW25	10 1138	R302	RESISTOR CF 1K5 J OW25
10 1148	R190	RESISTOR CF 10K J OW25	10 1150	R303	RESISTOR CF 15K J OW25
10 1148	R191	RESISTOR CF 10K J OW25	10 1143	R304	RESISTOR CF 3K9 J OW25
10 1152	R192	RESISTOR CF 22K J OW25	10 1152	R305	RESISTOR CF 22K J OW25
10 1148	R193	RESISTOR CF 10K J OW25	10 1140	R306	RESISTOR CF 2K2 J OW25
10 1148	R194	RESISTOR CF 10K J OW25	10 1136	R307	RESISTOR CF 1K J OW25
10 1152	R195	RESISTOR CF 22K J OW25	10 1152	R308	RESISTOR CF 22K J OW25
10 1140	R196	RESISTOR CF 2K2 J OW25	10 1164	R309	RESISTOR CF 220K J OW25
10 1140	R197	RESISTOR CF 2K2 J OW25	10 1160	R311	RESISTOR CF 100K J OW25
10 1140	R198	RESISTOR CF 2K2 J OW25	10 1152	R312	RESISTOR CF 22K J OW25

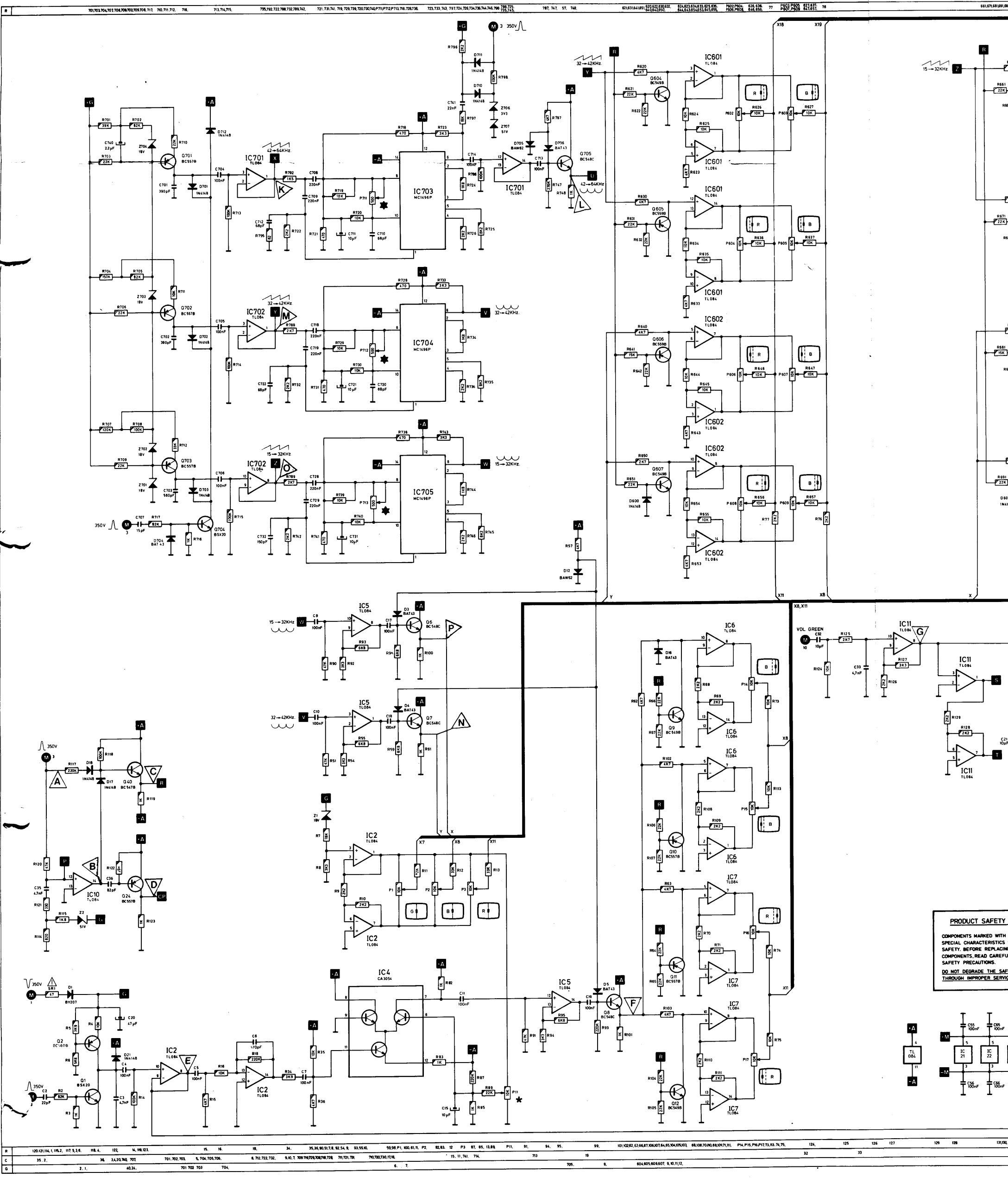
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10 1148	R313	RESISTOR CF 10K J 0W25	10 1137	R465	RESISTOR CF 1K2 J 0W25
10 1137	R315	RESISTOR CF 1K2 J 0W25	10 1140	R466	RESISTOR CF 2K2 J 0W25
10 1140	R316	RESISTOR CF 2K2 J 0W25	10 1133	R468	RESISTOR CF 560E J 0W25
10 1133	R318	RESISTOR CF 560E J 0W25	10 1104	R469	RESISTOR CF 2E2 J 0W25
10 1104	R319	RESISTOR CF 2E2 J 0W25	10 1320	R470	RESISTOR CF 47E J 1W
10 1320	R320	RESISTOR CF 47E J 1W	10 3620	R471	RESISTOR WW H 4E7 K 4W
10 3620	R321	RESISTOR WW H 4E7 K 4W	10 1320	R520	RESISTOR CF 47E J 1W
10 1136	R350	RESISTOR CF 1K J 0W25	10 1140		RESISTOR CF 2K2 J 0W25
10 1152	R351	RESISTOR CF 22K J 0W25	10 1160		RESISTOR CF 100K J 0W25
10 1138	R352	RESISTOR CF 1K5 J 0W25	13 1749	Z..1	DIODE ZENER 18V 0W5 C
10 1150	R353	RESISTOR CF 15K J 0W25	76 1284B		UN.CONV+G2 BGR400
10 1143	R354	RESISTOR CF 3K9 J 0W25	76 1284S		UN.CONV+G2 BGR400
10 1152	R355	RESISTOR CF 22K J 0W25	76 1285		UN.G2 CONTROL DATA HR S45
10 1140	R356	RESISTOR CF 2K2 J 0W25	80 0943	0010	SPACER RIV L24,25D 7 M3 AL
10 1136	R357	RESISTOR CF 1K J 0W25	36 20216	0012	SCREW DIN84 M 3 X 6 MP-
10 1152	R358	RESISTOR CF 22K J 0W25	36 7502	0013	WASHER DIN6798 A 3,2
10 1164	R359	RESISTOR CF 220K J 0W25	72 18122	002.	KNOB TURN RED
10 1160	R361	RESISTOR CF 100K J 0W25	72 18125	0021	KNOB TURN GREEN
10 1152	R362	RESISTOR CF 22K J 0W25	72 18126	0022	KNOB TURN BLUE
10 1148	R363	RESISTOR CF 10K J 0W25	80 0927	003.	HEATSINK 43 CONVERGENCE
10 1137	R365	RESISTOR CF 1K2 J 0W25	36 7455	0031	RIVET AL FE TAP/D/BS46 D3,2
10 1140	R366	RESISTOR CF 2K2 J 0W25	13 3029	0032	TRANSISTOR SET INSULAT TO-220
10 1133	R368	RESISTOR CF 560E J 0W25	13 30291		TRANSISTOR MICA INSULAT TO-220
10 1104	R369	RESISTOR CF 2E2 J 0W25	13 30292		TRANSISTOR BUSH INSULAT TO-220
10 1320	R370	RESISTOR CF 47E J 1W	36 20236	0033	SCREW DIN84 M 3 X10 MP-
10 3620	R371	RESISTOR WW H 4E7 K 4W	36 75256	0034	WASHER DIA 3,1 X 6,2 TO,6 J
10 1136	R400	RESISTOR CF 1K J 0W25	34 8071	0035	WIRE TIE MOUNT TMS6
10 1152	R401	RESISTOR CF 22K J 0W25	36 7455	0036	RIVET AL FE TAP/D/BS46 D3,2
10 1138	R402	RESISTOR CF 1K5 J 0W25	80 0935	004.	PRO ALU CONV 43
10 1150	R403	RESISTOR CF 15K J 0W25	36 7455	0041	RIVET AL FE TAP/D/BS46 D3,2
10 1143	R404	RESISTOR CF 3K9 J 0W25	80 0924	005.	FIXLATH M3 SMC CONV
10 1152	R405	RESISTOR CF 22K J 0W25	36 26696	0051	SCREW DIN921 M 3 X 8 MP-
10 1140	R406	RESISTOR CF 2K2 J 0W25	80 0768	006.	SIDE CONV 43
10 1136	R407	RESISTOR CF 1K J 0W25	36 33115	0061	SCREW DIN7516 4 X20 MP+C
10 1152	R408	RESISTOR CF 22K J 0W25	80 0929	007.	DPL CONV DOWN 43
10 1164	R409	RESISTOR CF 220K J 0W25	80 1565	008.	DPL CONV UP GRAPHICS
10 1160	R411	RESISTOR CF 100K J 0W25	72 1835	010.	FIX CABLE CONV 43
10 1152	R412	RESISTOR CF 22K J 0W25	36 20216	0101	SCREW DIN84 M 3 X 6 MP-
10 1148	R413	RESISTOR CF 10K J 0W25	36 15075	0111	SCREW DIN7981 3,2X 9,5 PP+
10 1137	R415	RESISTOR CF 1K2 J 0W25	80 0557	012.	SPACER L 3, D 7, D3, PVC
10 1140	R416	RESISTOR CF 2K2 J 0W25	36 20147	0121	SCREW DIN84 M 2,5X10 MP-
10 1133	R418	RESISTOR CF 560E J 0W25	80 1471	013.	ISOL PLATE CONV S45
10 1104	R419	RESISTOR CF 2E2 J 0W25	80 1470	0131	SPACER L15 H 5 M2,5 MS*
10 1320	R420	RESISTOR CF 47E J 1W	36 20121	0132	SCREW DIN84 M 2,5X 6 MP-
10 3620	R421	RESISTOR WW H 4E7 K 4W	31 5315		CONNECTOR RIVET MOBTE D2 L14
10 1152	R461	RESISTOR CF 22K J 0W25			
10 1152	R462	RESISTOR CF 22K J 0W25			
10 1148	R463	RESISTOR CF 10K J 0W25			
10 1144	R464	RESISTOR CF 4K7 J 0W25			

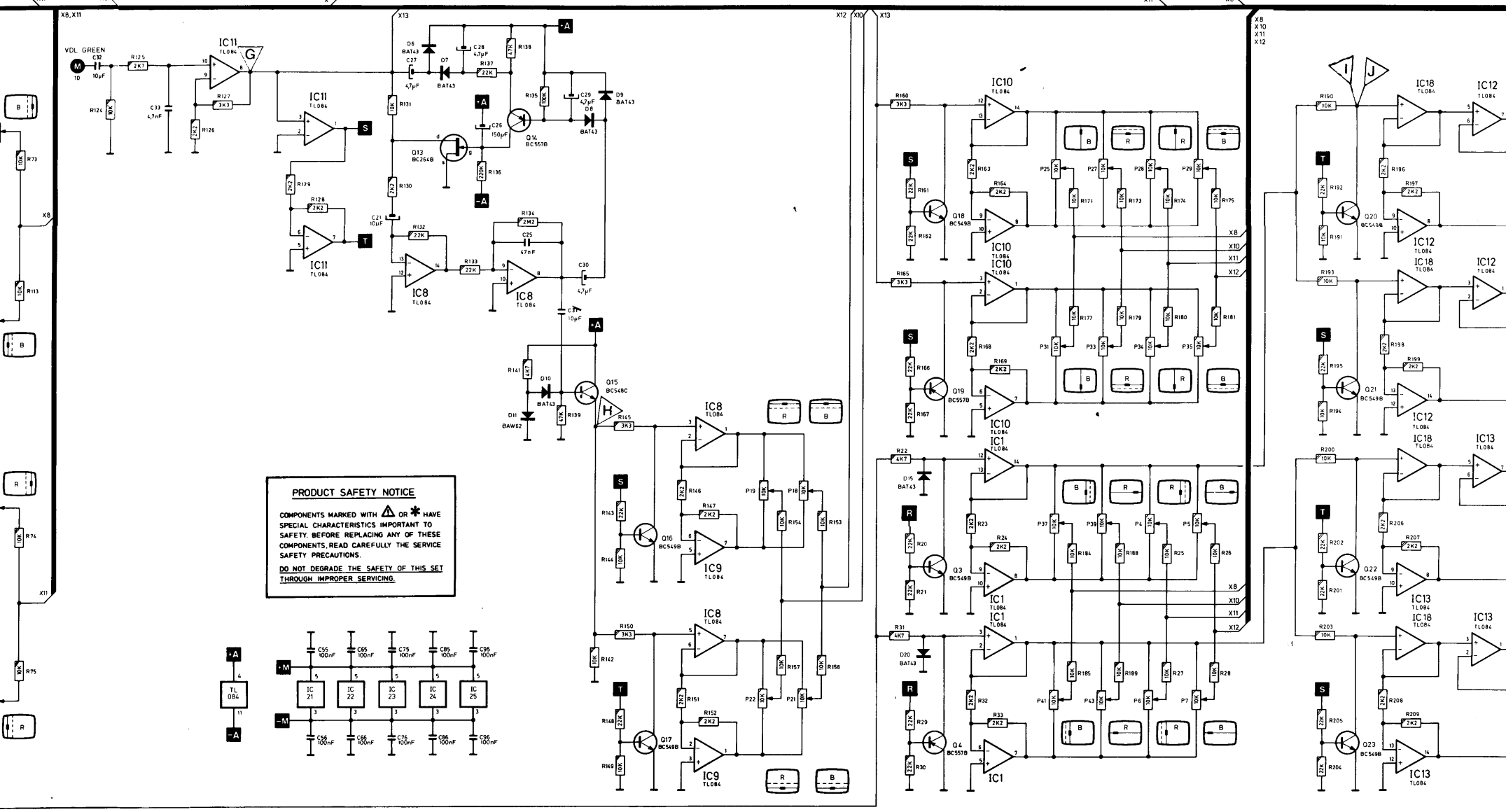
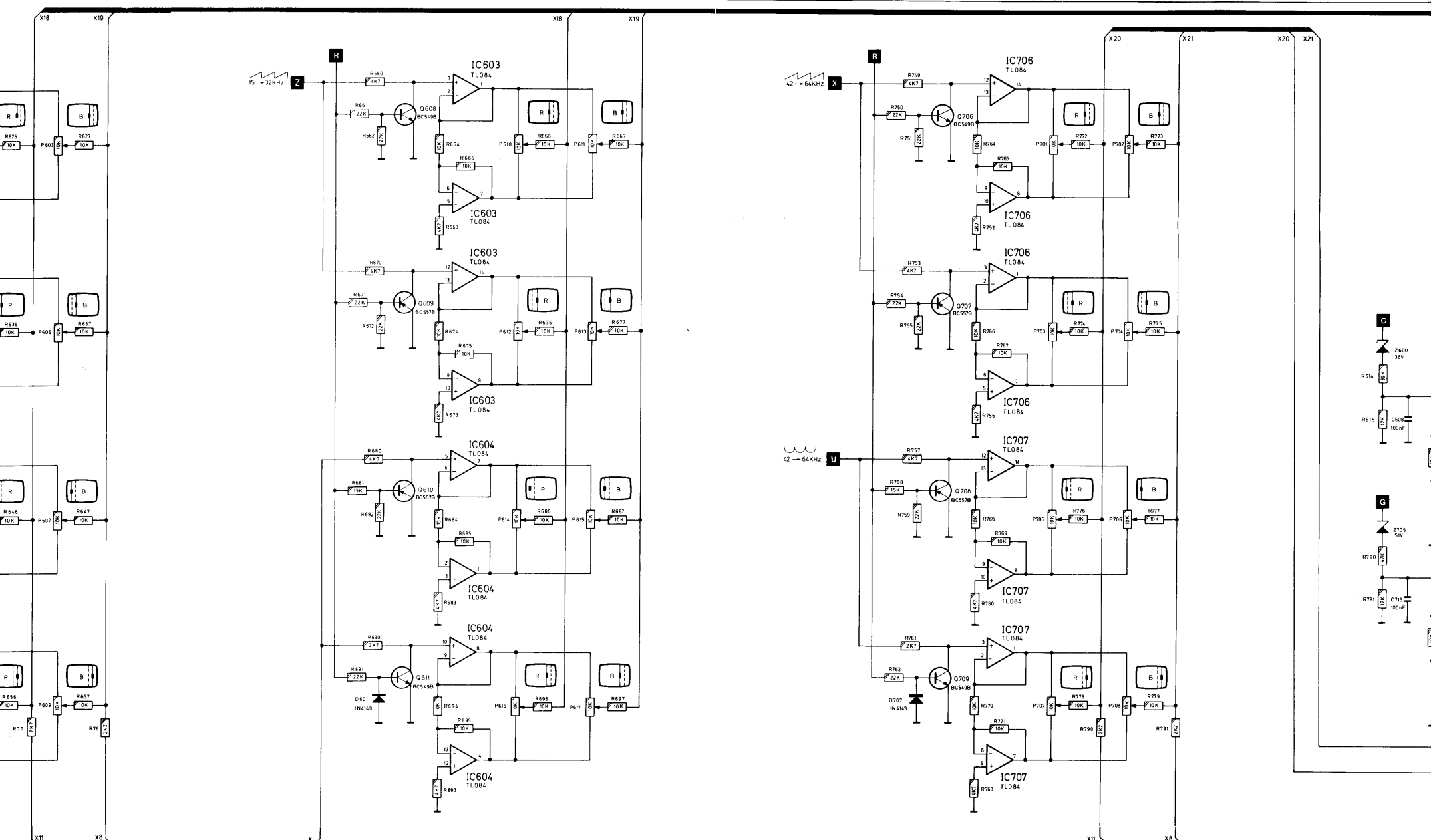
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11 59061	C702	CAPACITOR PP RA 390P J5 100	10 1155	R701	RESISTOR CF 39K J OW25
11 59101	C703	CAPACITOR PP RA 560P J5 100	10 1159	R702	RESISTOR CF 82K J OW25
11 4079	C704	CAPACITOR POMEPO 100K M5 63	10 1152	R703	RESISTOR CF 22K J OW25
11 4079	C705	CAPACITOR POMEPO 100K M5 63	10 1162	R704	RESISTOR CF 150K J OW25
11 4079	C706	CAPACITOR POMEPO 100K M5 63	10 1159	R705	RESISTOR CF 82K J OW25
11 3841	C708	CAPACITOR PETPFP 220K M 63	10 1152	R706	RESISTOR CF 22K J OW25
11 3841	C709	CAPACITOR PETPFP 220K M 63	10 1161	R707	RESISTOR CF 120K J OW25
11 2240	C710	CAPACITOR NPO MI 68P J5 63	10 1160	R708	RESISTOR CF 100K J OW25
11 11565	C711	CAPACITOR ELAX 10M Z 25	10 1152	R709	RESISTOR CF 22K J OW25
11 2240	C712	CAPACITOR NPO MI 68P J5 63	10 1152	R710	RESISTOR CF 22K J OW25
11 4079	C713	CAPACITOR POMEPO 100K M5 63	10 1148	R711	RESISTOR CF 10K J OW25
11 4079	C714	CAPACITOR POMEPO 100K M5 63	10 1154	R712	RESISTOR CF 33K J OW25
11 4079	C715	CAPACITOR POMEPO 100K M5 63	10 1160	R713	RESISTOR CF 100K J OW25
11 3841	C718	CAPACITOR PETPFP 220K M 63	10 1160	R714	RESISTOR CF 100K J OW25
11 3841	C719	CAPACITOR PETPFP 220K M 63	10 1160	R715	RESISTOR CF 100K J OW25
11 2240	C720	CAPACITOR NPO MI 68P J5 63	10 1136	R716	RESISTOR CF 1K J OW25
11 11565	C721	CAPACITOR ELAX 10M Z 25	10 1159	R717	RESISTOR CF 82K J OW25
11 2240	C722	CAPACITOR NPO MI 68P J5 63	10 1132	R718	RESISTOR CF 470E J OW25
11 3841	C728	CAPACITOR PETPFP 220K M 63	10 1148	R719	RESISTOR CF 10K J OW25
11 3841	C729	CAPACITOR PETPFP 220K M 63	10 1148	R720	RESISTOR CF 10K J OW25
11 11565	C731	CAPACITOR ELAX 10M Z 25	10 1132	R721	RESISTOR CF 470E J OW25
11 2240	C732	CAPACITOR NPO MI 68P J5 63	10 1140	R722	RESISTOR CF 2K2 J OW25
11 1196	C740	CAPACITOR ELAX 2M2 Z 63	10 1142	R723	RESISTOR CF 3K3 J OW25
11 37161	C741	CAPACITOR POME 22K K5 100	10 1139	R724	RESISTOR CF 1K8 J OW25
11 4132		CAPACITOR POMEFF 100K K 250	10 1147	R725	RESISTOR CF 8K2 J OW25
13 1621	D701	DIODE 1N4148 SWITCH	10 1140	R726	RESISTOR CF 2K2 J OW25
13 1621	D702	DIODE 1N4148 SWITCH	10 1132	R728	RESISTOR CF 470E J OW25
13 1621	D703	DIODE 1N4148 SWITCH	10 1148	R729	RESISTOR CF 10K J OW25
13 1636	D704	DIODE BAT43 SD101 SCHOTTKY	10 1148	R730	RESISTOR CF 10K J OW25
13 1628	D705	DIODE BAW62 SWITCH	10 1132	R731	RESISTOR CF 470E J OW25
13 1636	D706	DIODE BAT43 SD101 SCHOTTKY	10 1140	R732	RESISTOR CF 2K2 J OW25
13 1621	D707	DIODE 1N4148 SWITCH	10 1142	R733	RESISTOR CF 3K3 J OW25
13 1621	D710	DIODE 1N4148 SWITCH	10 1139	R734	RESISTOR CF 1K8 J OW25
13 1621	D711	DIODE 1N4148 SWITCH	10 1147	R735	RESISTOR CF 8K2 J OW25
13 1621	D712	DIODE 1N4148 SWITCH	10 1140	R736	RESISTOR CF 2K2 J OW25
13 4113	I701	INTEGRATED CIRCUIT 084	10 1132	R738	RESISTOR CF 470E J OW25
13 4113	I702	INTEGRATED CIRCUIT 084	10 1148	R739	RESISTOR CF 10K J OW25
13 27655	I703	INTEGRATED CIRCUIT 1496	10 1148	R740	RESISTOR CF 10K J OW25
13 27655	I704	INTEGRATED CIRCUIT 1496	10 1132	R741	RESISTOR CF 470E J OW25
13 27655	I705	INTEGRATED CIRCUIT 1496	10 1140	R742	RESISTOR CF 2K2 J OW25
13 4113	I706	INTEGRATED CIRCUIT 084	10 1142	R743	RESISTOR CF 3K3 J OW25
13 4113	I707	INTEGRATED CIRCUIT 084	10 1139	R744	RESISTOR CF 1K8 J OW25
10 67291	P701	TRIMPOT CEMH 10K K OW50	10 1147	R745	RESISTOR CF 8K2 J OW25
10 67291	P702	TRIMPOT CEMH 10K K OW50	10 1140	R746	RESISTOR CF 2K2 J OW25
10 67291	P703	TRIMPOT CEMH 10K K OW50	10 1165	R747	RESISTOR CF 270K J OW25
10 67291	P704	TRIMPOT CEMH 10K K OW50	10 1136	R748	RESISTOR CF 1K J OW25
10 67291	P705	TRIMPOT CEMH 10K K OW50	10 1144	R749	RESISTOR CF 4K7 J OW25
10 67291	P706	TRIMPOT CEMH 10K K OW50	10 1152	R750	RESISTOR CF 22K J OW25
10 67291	P707	TRIMPOT CEMH 10K K OW50	10 1152	R751	RESISTOR CF 22K J OW25
10 67291	P708	TRIMPOT CEMH 10K K OW50	10 1144	R752	RESISTOR CF 4K7 J OW25
10 67291	P709	TRIMPOT CEMH 10K K OW50	10 1144	R753	RESISTOR CF 4K7 J OW25
10 67291	P710	TRIMPOT CEMH 10K K OW50	10 1152	R754	RESISTOR CF 22K J OW25
10 67291	P711	TRIMPOT CEMH 10K K OW50	10 1152	R755	RESISTOR CF 22K J OW25
10 6725	P712	TRIMPOT CEMH 500E K OW50	10 1144	R756	RESISTOR CF 4K7 J OW25
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71 6493	PC..	PC GRAPHICS CONV 761284B	10 1150	R758	RESISTOR CF 15K J OW25
13 14131	Q701	TRANSISTOR BC557B,BC307B	10 1152	R759	RESISTOR CF 22K J OW25
13 14131	Q702	TRANSISTOR BC557B,BC307B	10 1144	R760	RESISTOR CF 4K7 J OW25
13 14131	Q703	TRANSISTOR BC557B,BC307B	10 1141	R761	RESISTOR CF 2K7 J OW25
13 1491	Q704	TRANSISTOR BSK20,2N2369	10 1152	R762	RESISTOR CF 22K J OW25
13 1411	Q705	TRANSISTOR BC549C,BC239C	10 1144	R763	RESISTOR CF 4K7 J OW25
13 14295	Q706	TRANSISTOR BC549B,	10 1148	R764	RESISTOR CF 10K J OW25
13 14131	Q707	TRANSISTOR BC557B,BC307B	10 1148	R765	RESISTOR CF 10K J OW25
13 14131	Q708	TRANSISTOR BC557B,BC307B	10 1148	R766	RESISTOR CF 10K J OW25
			10 1148	R767	RESISTOR CF 10K J OW25
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			10 1148	R769	RESISTOR CF 10K J OW25
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ITEM NO.	SIT.	DESCRIPTION	ITEM NO.	SIT.	DESCRIPTION
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10 1148	R771	RESISTOR CF 10K J 0W25	10 1140	R791	RESISTOR CF 2K2 J 0W25
10 1148	R772	RESISTOR CF 10K J 0W25	10 1138	R792	RESISTOR CF 1K5 J 0W25
10 1148	R773	RESISTOR CF 10K J 0W25	10 1123	R795	RESISTOR CF 82E J 0W25
10 1148	R774	RESISTOR CF 10K J 0W25	10 1140	R796	RESISTOR CF 2K2 J 0W25
10 1148	R775	RESISTOR CF 10K J 0W25	10 1151	R797	RESISTOR CF 18K J 0W25
10 1148	R776	RESISTOR CF 10K J 0W25	10 1160	R798	RESISTOR CF 100K J 0W25
10 1148	R777	RESISTOR CF 10K J 0W25			
10 1148	R778	RESISTOR CF 10K J 0W25	13 1749	Z701	DIODE ZENER 18V 0W5 C
10 1148	R779	RESISTOR CF 10K J 0W25	13 1749	Z702	DIODE ZENER 18V 0W5 C
10 1156	R780	RESISTOR CF 47K J 0W25	13 1749	Z703	DIODE ZENER 18V 0W5 C
10 1149	R781	RESISTOR CF 12K J 0W25	13 1749	Z704	DIODE ZENER 18V 0W5 C
10 1148	R782	RESISTOR CF 10K J 0W25	13 1787	Z705	DIODE ZENER 51V 0W5 C
10 1148	R783	RESISTOR CF 10K J 0W25	13 1754	Z706	DIODE ZENER 3V3 0W5 C
10 1151	R784	RESISTOR CF 18K J 0W25	13 1787	Z707	DIODE ZENER 51V 0W5 C
10 1151	R785	RESISTOR CF 18K J 0W25			
10 1160	R786	RESISTOR CF 100K J 0W25	80 1470	001.	SPACER L15 H 5 M2,5 MS*
10 1144	R787	RESISTOR CF 4K7 J 0W25	71 23023	0011	WASHER DIA 3,25X 7 T0,5 BAK
10 1141	R788	RESISTOR CF 2K7 J 0W25	36 20121	0012	SCREW DIN84 M 2,5X 6 MP-
10 1141	R789	RESISTOR CF 2K7 J 0W25	72 19522	002.	KNOB TURN RED
10 1140	R790	RESISTOR CF 2K2 J 0W25	72 19526	003.	KNOB TURN BLUE

ITEM NO.	SIT.	DESCRIPTION	ITEM NO.	SIT.	DESCRIPTION
11 4079	C608	CAPACITOR POMEPO 100K M5 63	10 1152	R632	RESISTOR CF 22K J OW25
13 1621	D600	DIODE 1N4148 SWITCH	10 1144	R633	RESISTOR CF 4K7 J OW25
13 1621	D601	DIODE 1N4148 SWITCH	10 1148	R634	RESISTOR CF 10K J OW25
13 4113	I600	INTEGRATED CIRCUIT 084	10 1148	R635	RESISTOR CF 10K J OW25
13 4113	I601	INTEGRATED CIRCUIT 084	10 1148	R636	RESISTOR CF 10K J OW25
13 4113	I602	INTEGRATED CIRCUIT 084	10 1148	R637	RESISTOR CF 10K J OW25
13 4113	I603	INTEGRATED CIRCUIT 084	10 1144	R640	RESISTOR CF 4K7 J OW25
13 4113	I604	INTEGRATED CIRCUIT 084	10 1150	R641	RESISTOR CF 15K J OW25
10 67291	P600	TRIMPOT CEMH 10K K OW50	10 1152	R642	RESISTOR CF 22K J OW25
10 67291	P601	TRIMPOT CEMH 10K K OW50	10 1144	R643	RESISTOR CF 4K7 J OW25
10 67291	P602	TRIMPOT CEMH 10K K OW50	10 1148	R644	RESISTOR CF 10K J OW25
10 67291	P603	TRIMPOT CEMH 10K K OW50	10 1148	R645	RESISTOR CF 10K J OW25
10 67291	P604	TRIMPOT CEMH 10K K OW50	10 1148	R646	RESISTOR CF 10K J OW25
10 67291	P605	TRIMPOT CEMH 10K K OW50	10 1148	R647	RESISTOR CF 10K J OW25
10 67291	P606	TRIMPOT CEMH 10K K OW50	10 1141	R650	RESISTOR CF 2K7 J OW25
10 67291	P607	TRIMPOT CEMH 10K K OW50	10 1152	R651	RESISTOR CF 22K J OW25
10 67291	P608	TRIMPOT CEMH 10K K OW50	10 1144	R653	RESISTOR CF 4K7 J OW25
10 67291	P609	TRIMPOT CEMH 10K K OW50	10 1148	R654	RESISTOR CF 10K J OW25
10 67291	P610	TRIMPOT CEMH 10K K OW50	10 1148	R655	RESISTOR CF 10K J OW25
10 67291	P611	TRIMPOT CEMH 10K K OW50	10 1148	R656	RESISTOR CF 10K J OW25
10 67291	P612	TRIMPOT CEMH 10K K OW50	10 1148	R657	RESISTOR CF 10K J OW25
10 67291	P613	TRIMPOT CEMH 10K K OW50	10 1144	R660	RESISTOR CF 4K7 J OW25
10 67291	P614	TRIMPOT CEMH 10K K OW50	10 1152	R661	RESISTOR CF 22K J OW25
10 67291	P615	TRIMPOT CEMH 10K K OW50	10 1152	R662	RESISTOR CF 22K J OW25
10 67291	P616	TRIMPOT CEMH 10K K OW50	10 1144	R663	RESISTOR CF 4K7 J OW25
10 67291	P617	TRIMPOT CEMH 10K K OW50	10 1148	R664	RESISTOR CF 10K J OW25
71 6394	PC..	PC DATA CONV SUB HR 761286S	10 1148	R665	RESISTOR CF 10K J OW25
13 14295	Q604	TRANSISTOR BC549B,	10 1148	R666	RESISTOR CF 10K J OW25
13 14181	Q605	TRANSISTOR BC559B,BC309B	10 1148	R667	RESISTOR CF 10K J OW25
13 14181	Q606	TRANSISTOR BC559B,BC309B	10 1144	R670	RESISTOR CF 4K7 J OW25
13 14295	Q607	TRANSISTOR BC549B,	10 1152	R671	RESISTOR CF 22K J OW25
13 14295	Q608	TRANSISTOR BC549B,	10 1152	R672	RESISTOR CF 22K J OW25
13 14181	Q609	TRANSISTOR BC559B,BC309B	10 1144	R673	RESISTOR CF 4K7 J OW25
13 14181	Q610	TRANSISTOR BC559B,BC309B	10 1148	R674	RESISTOR CF 10K J OW25
13 14295	Q611	TRANSISTOR BC549B,	10 1148	R675	RESISTOR CF 10K J OW25
10 1155	R614	RESISTOR CF 39K J OW25	10 1148	R676	RESISTOR CF 10K J OW25
10 1149	R615	RESISTOR CF 12K J OW25	10 1148	R677	RESISTOR CF 10K J OW25
10 1148	R616	RESISTOR CF 10K J OW25	10 1144	R680	RESISTOR CF 4K7 J OW25
10 1148	R617	RESISTOR CF 10K J OW25	10 1150	R681	RESISTOR CF 15K J OW25
10 1151	R618	RESISTOR CF 18K J OW25	10 1152	R682	RESISTOR CF 22K J OW25
10 1151	R619	RESISTOR CF 18K J OW25	10 1144	R683	RESISTOR CF 4K7 J OW25
10 1144	R620	RESISTOR CF 4K7 J OW25	10 1148	R684	RESISTOR CF 10K J OW25
10 1152	R621	RESISTOR CF 22K J OW25	10 1148	R685	RESISTOR CF 10K J OW25
10 1152	R622	RESISTOR CF 22K J OW25	10 1148	R686	RESISTOR CF 10K J OW25
10 1144	R623	RESISTOR CF 4K7 J OW25	10 1148	R687	RESISTOR CF 10K J OW25
10 1148	R624	RESISTOR CF 10K J OW25	10 1141	R690	RESISTOR CF 2K7 J OW25
10 1148	R625	RESISTOR CF 10K J OW25	10 1152	R691	RESISTOR CF 22K J OW25
10 1148	R626	RESISTOR CF 10K J OW25	10 1144	R693	RESISTOR CF 4K7 J OW25
10 1148	R627	RESISTOR CF 10K J OW25	10 1148	R694	RESISTOR CF 10K J OW25
10 1144	R630	RESISTOR CF 4K7 J OW25	10 1148	R695	RESISTOR CF 10K J OW25
10 1152	R631	RESISTOR CF 22K J OW25	10 1148	R696	RESISTOR CF 10K J OW25
			10 1148	R697	RESISTOR CF 10K J OW25
			13 1732	Z600	DIODE ZENER 36V OW5 B
			72 19522	001.	KNOB TURN RED
			72 19526	002.	KNOB TURN BLUE







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.

