

# **BARCO**

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## **ELECTRONIC**

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**BARCO** **DATA**  
600

**90 00440/449**

**90 00441/448**

### **LIST OF SPARE PARTS**

DATE:  
30/01/89

ART. NR.:  
59 75543

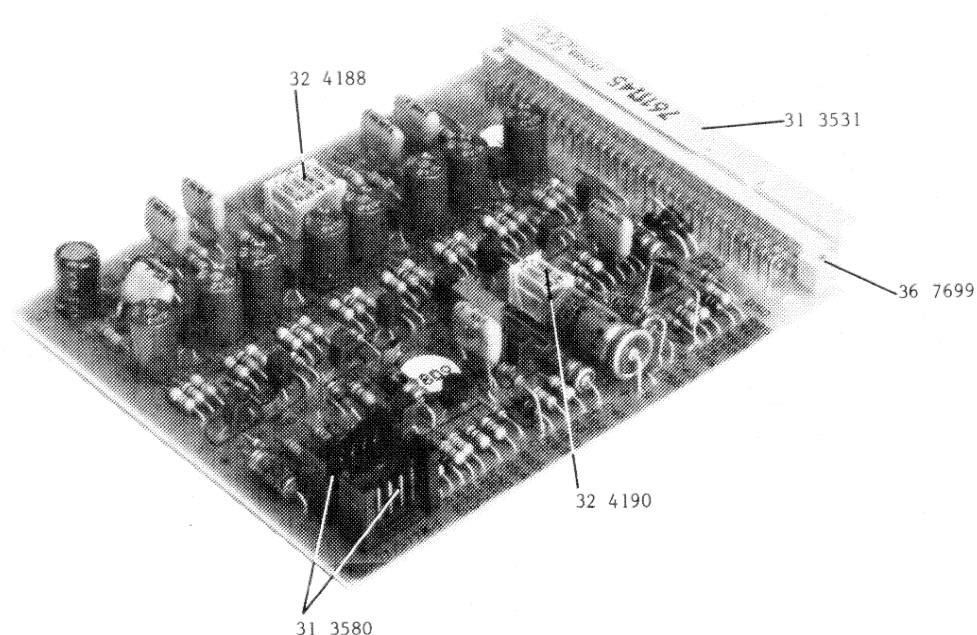
# INPUT RGB-ANALOG BOARD

76 11145

<u>ART. NR.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
10 6824	Trimmer potentiometer 200E 0W50	1
11 4124	Capacitor 22K 250V	1
11 4130	Capacitor 68K 250V	4
13 14181	Transistor BC559B/BC309B	6
13 14182	Transistor BC559C/BC309C	8
13 14295	Transistor BC549B	2
13 1621	Switch diode 1N4148	21
13 1644	Rectifier diode 1N4001	2

## NUMBERS REFERRING TO PICTURE :

<u>ART. NR.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
31 3531	Euro connector P64 Key	1
31 3580	Connector P5	2
32 4188	Switch DIL 1A 4P	1
32 4190	Switch DIL 1A 2P	1
36 7699	Rivet Chobert D2.38 L6.35	2





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# INPUT RGB TTL BOARD

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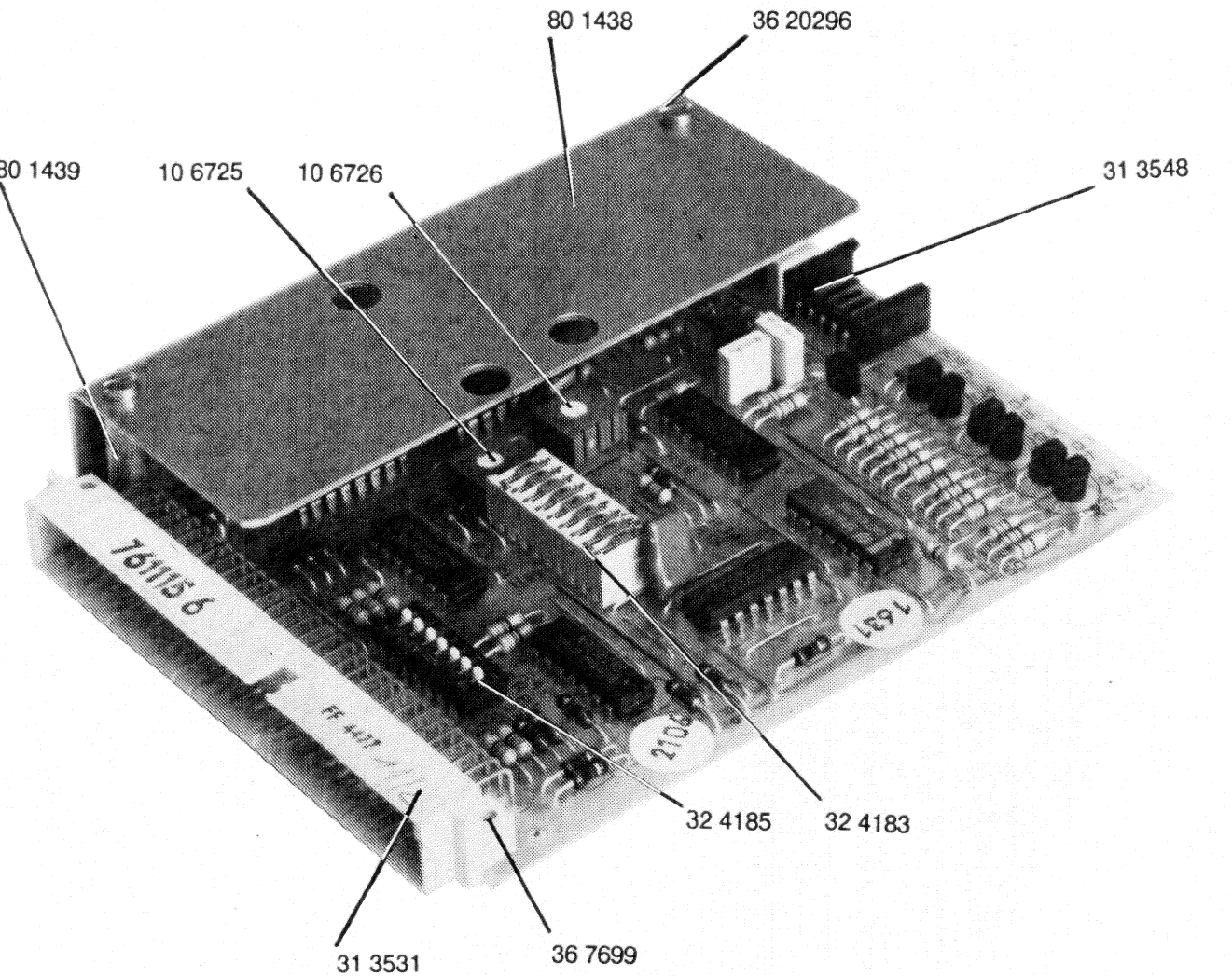
76 11156

<u>ART.NR.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
10 6725	Trimmer potentiometer 500E 0W50	1
10 6726	Trimmer potentiometer 1K 0W50	1
10 6733	Trimmer potentiometer 100K 0W50	1
13 14181	Transistor BC559B/BC309B	8
13 1621	Switch diode 1N4148	6
13 1754	Zener diode 3V3 0W5	1
13 4001	Integrated circuit 7805	1
13 7429	Integrated circuit 74S04	1
13 7430	Integrated circuit 74S09	1
13 7432	Integrated circuit 74S86	2
13 7433	Integrated circuit 74S10	1
13 7480	Integrated circuit 74SL123	2

NUMBERS REFERRING TO PICTURE: (see next page)

NUMBERS REFERRING TO PICTURE:

ART.NR.	DESCRIPTION	QUANTITY
10 6725	Trimmer potentiometer 500E 0W50	1
10 6726	Trimmer potentiometer 1K 0W50	1
31 3531	EURO connector MOBSE key P64	1
31 3548	Connector MOBSE P5	1
32 4183	Switch DIL 1A 9P TE	1
32 4185	Switch DIL 1A 7P TE	1
36 20296	Screw DIN84 M3X25	2
36 7699	Rivet Chobert D2.38 L6.35	2
80 1438	Screen plate	1
80 1439	Spacer L17 D6	1



# RGB 30MHz AMPLIFIER MODULE

76 11687

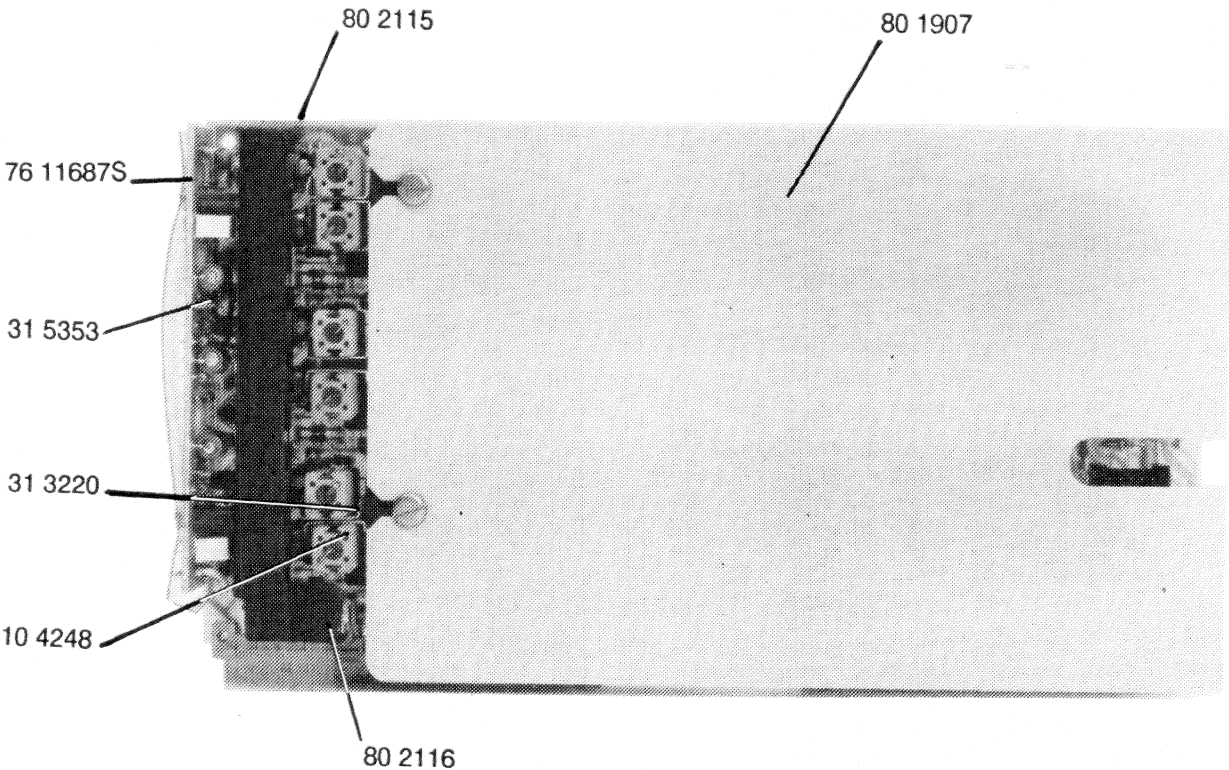
<u>ART.NR.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
10 3248	Resistor 10K 1W50	1
10 4248	Resistor 4K7 7W	6
10 6725	Trimmer potentiometer 500E 0W50	6
10 6729	Trimmer potentiometer 10K 0W50	1
11 1571	Capacitor 2M2 350V	2
11 4132	Capacitor 100K 250V	3
11 59121	Capacitor 680E 100V	3
13 1411	Transistor BC549C/BC239C	12
13 14181	Transistor BC558B/BC309	5
13 14295	Transistor BC549B	5
13 1471	Transistor BF458	7
13 1491	Transistor BSX20/2N2369	12
13 1621	Switch diode 1N4148	16
13 1627	Switch diode BAV21	4
13 1646	Rectifier diode 1N4007	1
13 19481	Rectifier diode BYD33J	18
13 1716	Zener diode 5V1 0W5	3
13 1720	Zener diode 6V2 0W5	1
13 1721	Zener diode 13V 0W5	1
13 1733	Zener diode 2V1 0W4	1
13 1749	Zener diode 18V 0W5	1
13 1771	Zener diode 150V 0W5	1
13 2102	Integrated circuit ZTK33B	1
13 2134	Integrated circuit TBA3046 331	3
13 4002	Integrated circuit 7812	1
13 4031	Integrated circuit TL4310	1
13 2515	Transistor BF470/BF870	6
13 2552	Transistor BF423	6
13 2586	Transistor BFR95	3
13 2593	FET Transistor BUZ74A	1
30 6024	Choke	3
30 6032	Choke	3
76 11687S	RGB 30MHz Amplifier Sub Board	1
77 4265	Coil	3
77 4270	Coil	3

NUMBERS REFERRING TO PICTURE : (see next page)

ART.NR.	DESCRIPTION	QUANTITY
13 14181	Transistor BC559B/BC309B	1
13 14295	Transistor BC549B	1
13 2552	Transistor BF423	3
13 1621	Switch diode 1N4148	6

NUMBERS REFERRING TO PICTURE:

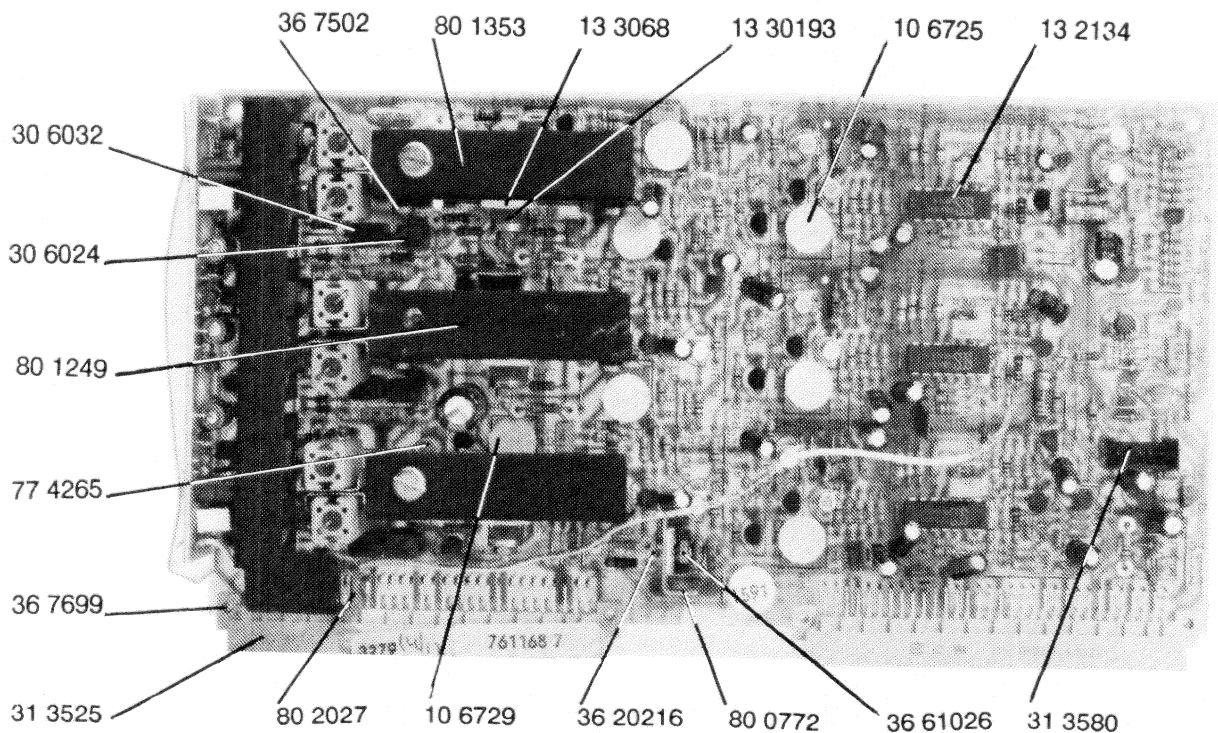
ART.NR.	DESCRIPTION	QUANTITY
10 4248	Resistor 4K7 7W	6
31 3220	Resistor holder H10	6
31 5353	Connector TAB MOBSE	3
76 11687S	RGB 30 MHz amplifier sub board	1
80 1907	Isolation plate	1
80 2115	Heatsink	3
80 2116	Heatsink	1



# RGB 30MHz AMPLIFIER SUB BOARD

76 11687S

<u>ART.NR.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
10 6725	Trimmer potentiometer 500E 0W50	6
10 6729	Trimmer potentiometer 10K 0W50	1
13 2134	Integrated circuit TBA3046 331	3
13 30193	Transistor bush insulat TO-126	3
13 3068	Transistor Al. oxide wafer	3
30 6024	Choke	3
30 6032	Choke	3
31 3525	EURO connector MOBSE P64	2
31 3580	Connector MT MOBTE P5	1
36 20216	Screw DIN84 M3X6	15
36 61026	Nut DIN934 M3 Hexagonal	1
36 7502	Washer DIN6798 A3.2	16
36 7699	Rivet Chobert D2.36 L6.35	4
77 4265	Coil	3
80 0772	Heatsink	1
80 1249	Heatsink	1
80 1353	Heatsink	2
80 2027	Bracket	1



<u>ART.NR.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
10 3252	Resistor 22K 1W50	1
10 3606	Resistor 0E33 4W	1
10 3636	Resistor 100E 4W	2
10 4430	Resistor 270E 11W	1
10 4674	Resistor HV 6M8 0W50	1
10 4690	Resistor HV 33M 0W50	1
10 6736	Trimmer potentiometer 500K 0W50	1
10 6833	Trimmer potentiometer 100K 0W50	1
10 6834	Trimmer potentiometer 200K 0W50	1
11 1569	Capacitor 10M 250V	1
11 1639	Capacitor 47M 250V	1
11 1720	Capacitor 6K8 1500V	1
11 1775	Capacitor 5K6 1500V	3
11 4160	Capacitor 68K 400V	1
11 4603	Capacitor 100K 1000V	1
11 4636	Capacitor 50K 1600V	1
11 4799	Capacitor 30M AC300V	1
13 1411	Transistor BC549C/BC239C	3
13 14182	Transistor BC559C/BC309C	3
13 1424	Transistor BC338	2
13 14295	Transistor BC549B	3
13 14311	Transistor BC327	3
13 1621	Switch diode 1N4148	11
13 1636	Schottky diode BAT43/BAT85	2
13 1637	Switch diode BA158	1
13 1662	LED diodeCQY54-A3 Red	2
13 1730	Zener diode 20V 0W5	3
13 1734	Zener diode 5V6 0W5	1
13 1745	Zener diode 18V 1W1	1
13 1749	Zener diode 18V 0W5	1
13 1790	Zener diode 33V 1W	1
13 1791	Zener diode 6V2 0W5	1
13 1906	Diode BYU96E	4
13 1907	Rectifier diode BY584/BY184	1
13 1913	Rectifier diode BY229	1
13 1921	Rectifier diode 33B	1
13 2102	Integrated circuit ZTK33B	1
13 25131	Transistor BDX65 DAR	1
13 2590	Transistor BC560B	1
13 2593	FET Transistor BUZ74A	1
13 2901	Transistor BUZ357-BUZ356-31	6
13 2915	FET Transistor IX TH 5N100A 1000/5A	1

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# HORIZONTAL DEFLECTION + EHT MODULE

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76 12637

<u>ART.NR.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
13 4114	Integrated circuit 393	1
13 73945	Integrated circuit HEF4093B	1
77 4128	EHT Transformer	1
77 4129	HOR DEFTransformer	1
77 4153	Linearity Coil	1
77 4154	Choke Coil	1

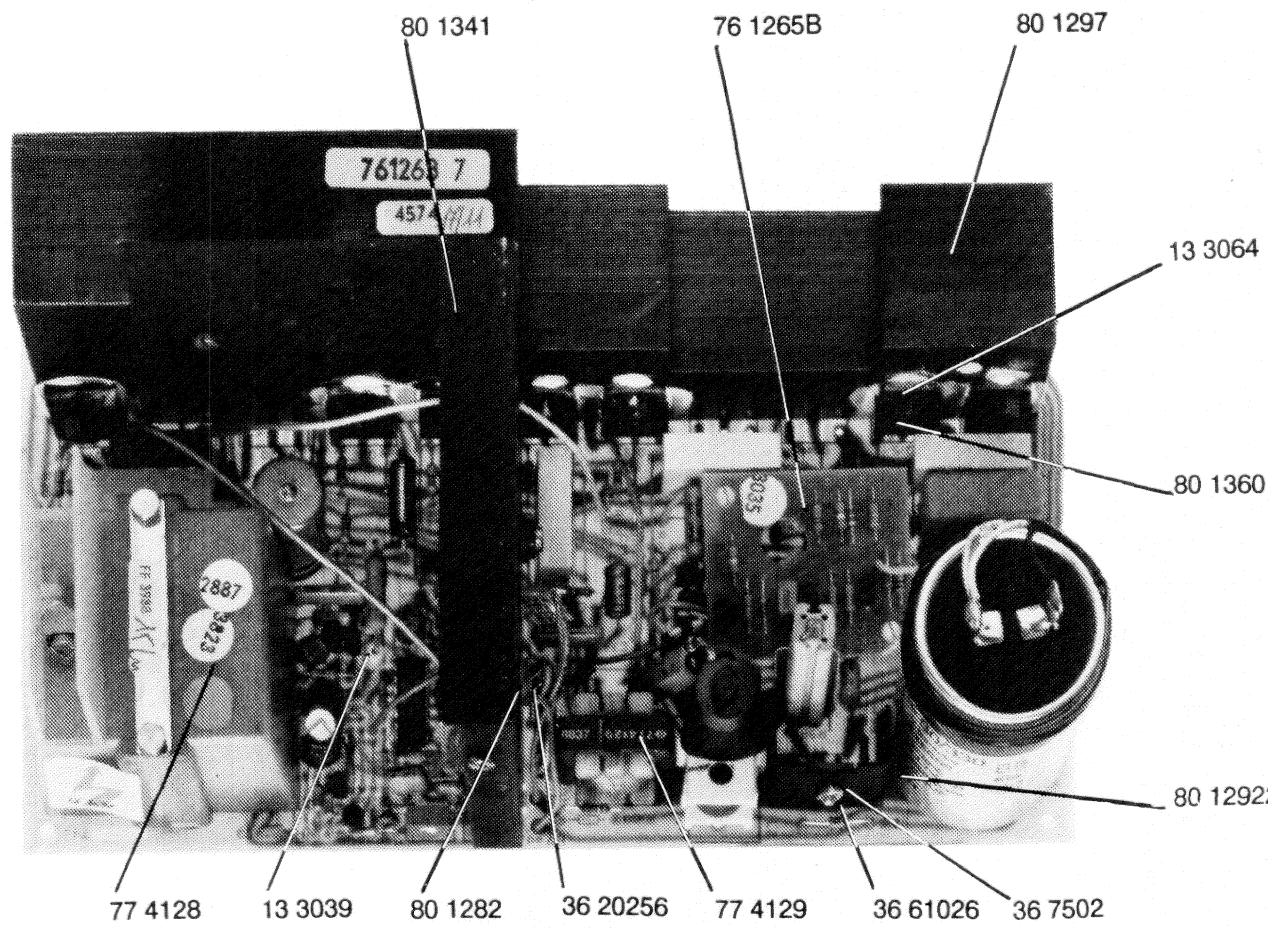
NUMBERS REFERRING TO PICTURE: (see next page)

HORIZONTAL DEFLECTION + EHT MODULE

76 12637

NUMBERS REFERRING TO PICTURE:

ART.NR.	DESCRIPTION	QUANTITY
13 3064	Transistor mica insulat	7
13 3039	Spacer L8 D4	6
36 20256	Screw DIN84 M3X16	2
36 61026	Nut DIN934 M3 Hexagonal	3
36 7502	Washer DIN6798 A3.2	7
76 1265B	Horizontal deflection + EHT board	1
77 4128	EHT Transformer	1
77 4129	HOR DEF Transformer	1
80 1282	Spacer iso L5	2
80 12922	Heatsink	1
80 1297	Heatsink	1
80 1341	Heatsink	1
80 1360	Fixation nut + washer M3	7



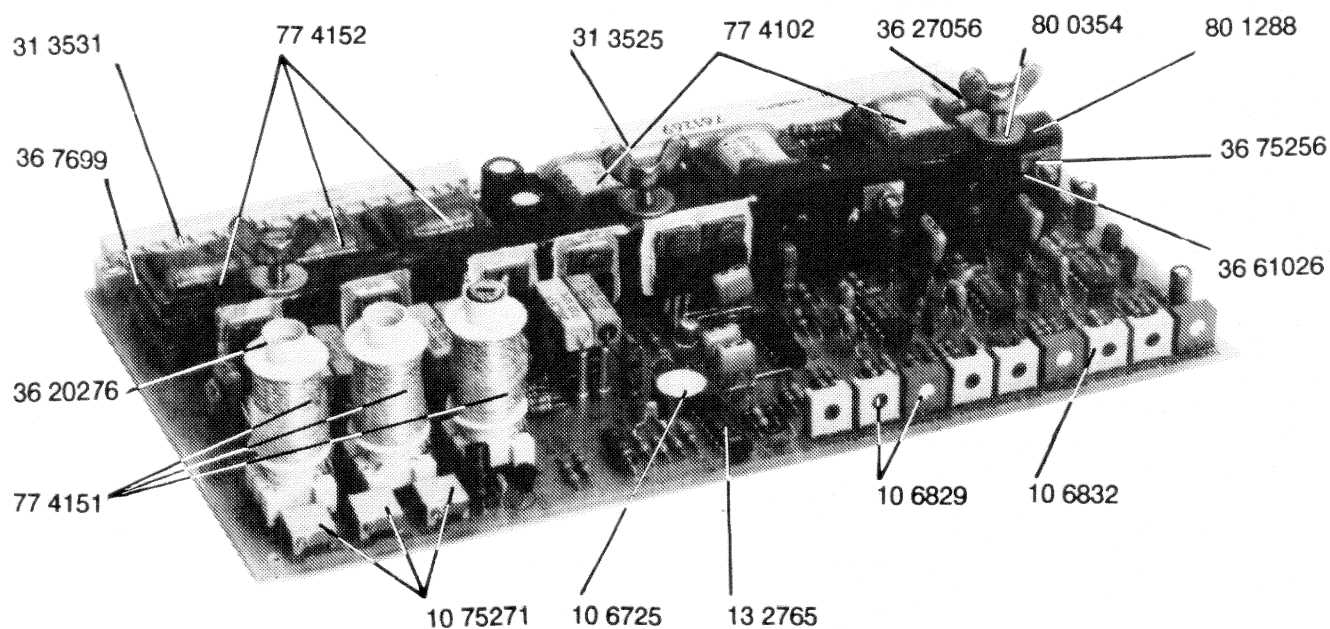


<u>ART.NR.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
10 3606	Resistor 0E33 4W	3
10 3660	Resistor 1K 4W	3
10 4682	Resistor HV 15M 0W50	4
10 6725	Trimmer potentiometer 500E 0W50	1
10 6829	Trimmer potentiometer 10K 0W50	6
10 6832	Trimmer potentiometer 50K 0W50	3
10 75271	Multiturn potentiometer 10K 0W50	3
11 2681	Capacitor 15p 500V	1
11 4124	Capacitor 22K 250V	2
13 1411	Transistor BC549C/BC239C	3
13 1491	Transistor BSX20/2N2369	1
13 1621	Switch diode 1N4148	3
13 1637	Switch diode BA158	12
13 2751	Integrated circuit TDA2030V	6
13 2765	Integrated circuit MC1496P	1
13 27655	Integrated circuit MC1496	3
13 4002	Integrated circuit 7812	1
13 4016	Integrated circuit 7912	1
13 4028	Integrated circuit LM317LZ	1
13 4029	Integrated circuit LM337LZ	1
13 4113	Integrated circuit TL084	1
77 4102	N/S Transformer	3
77 4151	Hor Amplifier coil	3
77 4152	Hor Shift coil	3

NUMBERS REFERRING TO PICTURE: (see next page)

NUMBERS REFERRING TO PICTURE:

<u>ART.NR.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
10 6725	Trimmer potentiometer 500E 0W50	1
10 6829	Trimmer potentiometer 10K 0W50	6
10 6832	Trimmer potentiometer 50K 0W50	3
10 75271	Multiturn potentiometer 10K 0W50	3
13 2765	Integrated circuit MC1496P	1
31 3525	EURO connector MOBSE P64	1
31 3531	EURO connector MOBSE key P64	1
36 20276	Screw DIN84 M3X20	7
36 27056	Screw wing DIN316 M4X10	3
36 61026	Nut DIN6934 M3 Hexagonal	7
36 75256	Washer DIA 3.1 X 6.2	14
36 7699	Rivet Chobert P2.38 L6.34	4
77 4102	Transformer NIS	3
77 4151	Ampl. coil	3
77 4152	Shift hor. coil	3
80 0354	Washer DIA 3.25X7.5	3
80 1288	Heatsink	1



<u>ART.NR.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
10 2804	Resistor 2E2 50ppm 0W60	3
10 3616	Resistor 2E 4W	2
10 6733	Trimmer potentiometer 100K 0W50	2
10 6738	Trimmer potentiometer 2M 0W50	1
10 6824	Trimmer potentiometer 200E 0W50	1
10 6830	Trimmer potentiometer 20K 0W50	2
10 6832	Trimmer potentiometer 50K 0W50	3
10 75271	Multiturn potentiometer 10K 0W50	3
11 4120	Capacitor 10K 250V	1
11 4124	Capacitor 22K 250V	1
11 4131	Capacitor 82K 250V	1
11 4132	Capacitor 100K 250V	7
13 14071	Transistor BC547B/BC237B	5
13 14072	Transistor BC547A/BC237A	1
13 1411	Transistor BC549C/BC239C	3
13 14131	Transistor BC557B/BC307B	2
13 14181	Transistor BC559B/BC309B	2
13 1426	Transistor BC337	1
13 14295	Transistor BC549B	8
13 1621	Switch diode 1N4148	11
13 1644	Rectifier diode 1N4001	6
13 2751	Integrated circuit TDA2030V	3
13 2762	Integrated circuit TDA2595	1
13 4002	Integrated circuit 7812	1
13 4016	Integrated circuit 7912	1
13 4113	Integrated circuit TL084	1
76 1272S	Vertical deflection + sync board	1
76 12727B	Vertical deflection + sync board	1
76 12727S	Vertical deflection + sync board	1

**NUMBERS REFERRING TO PICTURE:** (see next page)

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# VERTICAL DEFLECTION + SYNC BOARD

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76 1272S

<u>ART.NR.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
10 6829	Trimmer potentiometer 10K 0W50	3
13 14181	Transistor BC559B/BC309B	2
13 14295	Transistor BC549B	2
13 1636	Schottky diode BAT43/BAt85	1
13 4113	Integrated circuit TL084	2

NUMBERS REFERRING TO PICTURE: (see next page)

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# VERTICAL DEFLECTION + SYNC BOARD

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76 12727B

<u>ART.NR.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
10 6738	Trimmer potentiometer 2M 0W50	1
13 14131	Transistor BC557B/BC307B	1
13 14295	Transistor BC549B	1
13 1636	Schottky diode BAT43/BAT85	1
13 2751	Integrated circuit TDA2030V	1
13 4025	Integrated circuit 78L24	1
13 4113	Integrated circuit TL084	1
13 7297	Integrated circuit 3054	1
13 7332	Integrated circuit 4098B	2
76 1272E	Vertical deflection + sync board	1

NUMBER REFERRING TO PICTURE:(see next page)

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# VERTICAL DEFLECTION + SYNC BOARD

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76 1272E

<u>ART.NR.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
13 14131	Transistor BC557B/BC307B	1
13 1428	Transistor BC548C/BC238B	1
13 1644	Rectifier diode 1N4001	1
13 1721	Zener diode 13V 0W5	1
13 1744	Zener diode 5V6 0W5	1

NUMBERS REFERRING TO PICTURE: (see next page)

VERTICAL DEFLECTION + SYNC BOARD76 12727S

ART.NR.	DESCRIPTION	QUANTITY
10 6829	Trimmer potentiometer 10K 0W50	2
10 6830	Trimmer potentiometer 20K 0W50	1
10 6833	Trimmer potentiometer 100K 0W50	1
10 7534	Multiturn potentiometer 100K 0W75	2
13 14181	Transistor BC559B/BC3309B	1
13 14295	Transistor BC549B	1
13 1621	Switch diode 1N4148	2
13 1662	LED diode CQY54-A3 Red	2
13 7391	Integrated circuit 4053B	1
76 12727E	Auto lock	1

NUMBERS REFERRING TO PICTURE: (see next page)

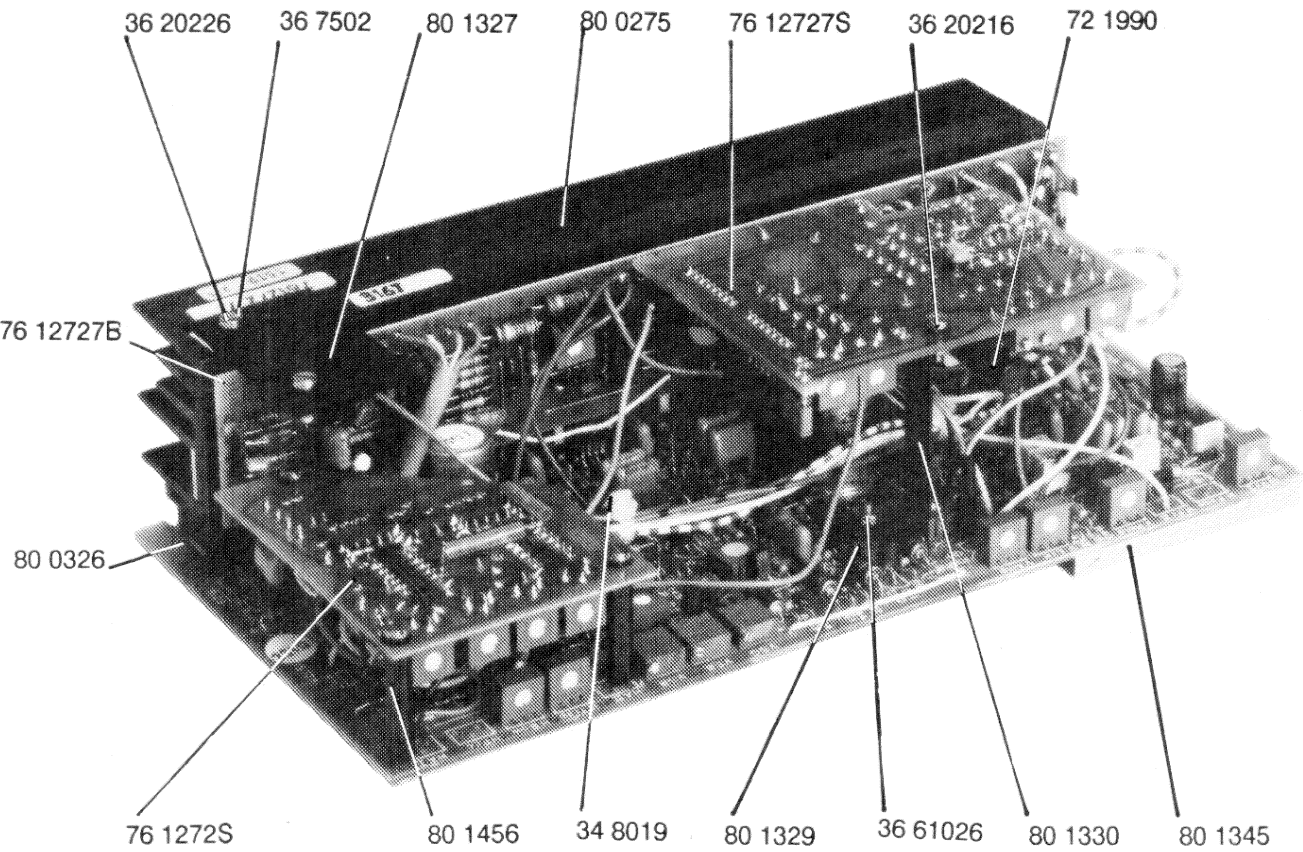
<u>ART.NR.</u>	<u>DESCRIPTION</u>	<u>QUANTIY</u>
13 1735	Zener diode 10V 0W5	1

## NUMBERS REFERRING TO PICTURE:

<u>ART.NR.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
34 8019	Wire tie L100	10
36 20216	Screw DIN84 M3X6	6
36 20226	Screw DIN84 M3X8	2
36 61026	Nut DIN934 M3 Hexagonal	2
36 7502	Washer DIN6798 A3.2	2
72 1990	Knob push black	1
76 1272S	Vertical deflection + sync board	1
76 12727B	Vertical deflection + sync board	1
76 12727S	Vertical deflection + sync board	1



ART.NR.	DESCRIPTION	QUANTITY
80 0275	Heatsink	1
80 0326	Fixation heatsink	1
80 1327	Heatsink plate	1
80 1329	Spacer L7.5 D6	1
80 1330	Fixation bracket	1
80 1345	Plate screen 60 X 1000	1
80 1456	Spacer L25 H5 M3	3

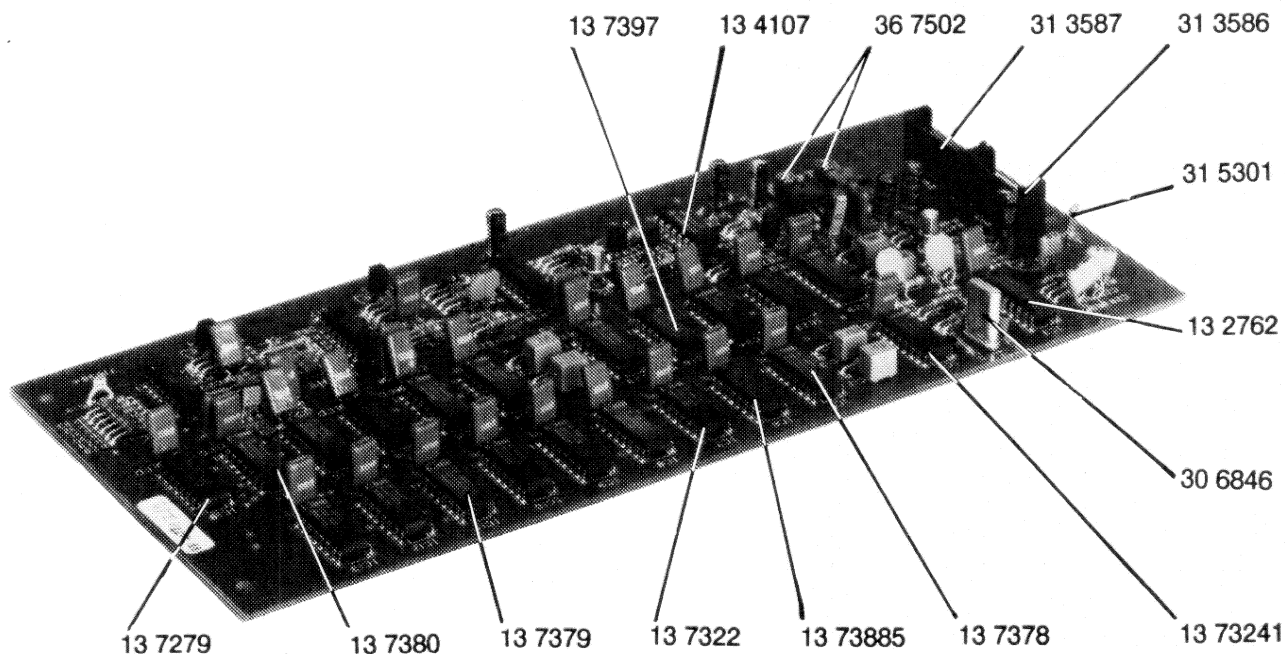


<u>ART.NR.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
13 14071	Transistor BC547B/BC237B	4
13 14131	Transistor BC557B/BC307B	1
13 14295	Transistor BC549B	1
13 1491	Transistor BSX20/2N2369	2
13 1621	Switch diode 1N4148	2
13 1756	Zener diode 7V5 0W5	2
13 1757	Zener diode 3V9 0W5	2
13 2762	Integrated circuit TDA2595	1
13 4002	Integrated circuit 7812	1
13 4016	Integrated circuit 7912	1
13 4032	Integrated circuit 78L05	1
13 4107	Integrated circuit TL084	3
13 4113	Integrated circuit 3302	1
13 7279	Integrated circuit AD7524LN	2
13 7320	Integrated circuit 4001B	1
13 7322	Integrated circuit 4027B	5
13 73241	Integrated circuit 4049UB	1
13 7378	Integrated circuit 4538B	3
13 7379	Integrated circuit 4022B	2
13 7380	Integrated circuit 4029B	4
13 73885	Integrated circuit 4040B	1
13 7397	integrated circuit 4013B	2
30 6846	Crystal 4.000 000 MHz	1

**NUMBERS REFERRING TO PICTURE:** (see next page)

## NUMBERS REFERRING TO PICTURE:

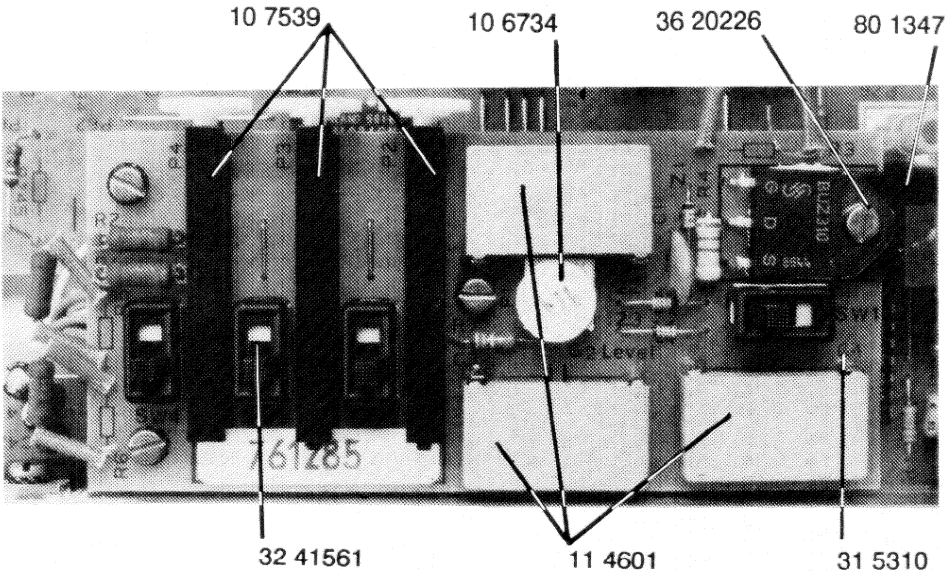
<u>ART.NR.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
13 2762	Integrated circuit TDA2595	1
13 4107	Integrated circuit 3302	1
13 7279	Integrated circuit AD7524LN	2
13 7322	Integrated circuit 4027B	5
13 73241	Integrated circuit 4049UB	1
13 7378	Integrated circuit 4538B	3
13 7379	Integrated circuit 4022B	2
13 7380	Integrated circuit 4029B	4
13 73885	Integrated circuit 4040B	1
13 7397	Integrated circuit 4013B	2
30 6846	Crystal 4.000 000 MHz	1
31 3586	Connector MOBTE P7	1
31 3587	Connector MOBTE P8	1
31 5301	Connector Tab MOBTE P1	1
36 7502	Nut DIN934 M3 Hexagonal	2



<u>ART. NR.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
10 14625	Resistor 150K 1W50	2
10 14675	Resistor 390K 1W50	1
10 14685	Resistor 470K 1W20	2
10 4664	Resistor 2M7 HV 0W50	1
10 6734	Trimmer potentiometer 200K 0W50	1
10 7539	Multiturn potentiometer 2M2 0W15	3
11 2833	Capacitor 4K7 400V	1
11 4602	Capacitor 47K HV 1000V	3
13 1730	Zener diode 20V 0W5 C	1
13 2102	Integrated circuit ZTK 33B	2
13 2900	Transistor BUZ310	1
32 41561	Switch slide 1U AU	4

NUMBERS REFERRING TO PICTURE:

<u>ART.NR.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
10 6734	Trimmer potentiometer 200K 0W50	1
10 7539	Multiturn potentiometer 2M2 0W15	3
11 4602	Capacitor 47K 1000V	3
31 5310	Connector TAB MOBTE	1
32 41561	Slide switch 1U AU	4
36 20226	Screw DIN84 M3X8	1
80 1347	Heatsink	1



<u>ART.NR.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
10 1320	Resistor 47E 1W	5
10 3620	Resistor 4E7 4W	5
10 67291	Trimmer potentiometer 10K 0W50	64
11 2681	Capacitor 15P 500V	2
11 2683	Capacitor 22P 500V	1
13 14071	Transistor BC547B/BC237B	1
13 14131	Transistor BC557B/BC307B	9
13 14181	Transistor BC559B/BC309B	4
13 1428	Transistor BC548C/BC238C	3
13 14295	Transistor BC549B	25
13 1621	Switch diode 1N4148	9
13 1628	Switch diode BAW62	2
13 1636	Schottky diode BAT43/BAT85	10
13 1637	Switch diode BA158	11
13 1732	Zener diode 36V 0W5	1
13 1786	Zener diode 16V 0W5	1
13 27655	Integrated circuit 1496	4
13 2788	Integrated circuit LM1875	5
13 4002	Integrated circuit 7812	1
13 4016	Integrated circuit 7912	1
13 4113	Integrated circuit TL084	13
13 7297	Integrated circuit 3054	2
72 18122	Knob turn red L28	21
72 18125	Knob turn green L28	1
72 18126	Knob turn blue L28	21
72 19522	Knob turn red L17.5	9
72 19526	Knob turn blue L17.5	9
76 1285	G2 control board	1
76 1286S	Convergence board	1

**NUMBERS REFERRING TO PICTURE** : (see next page)

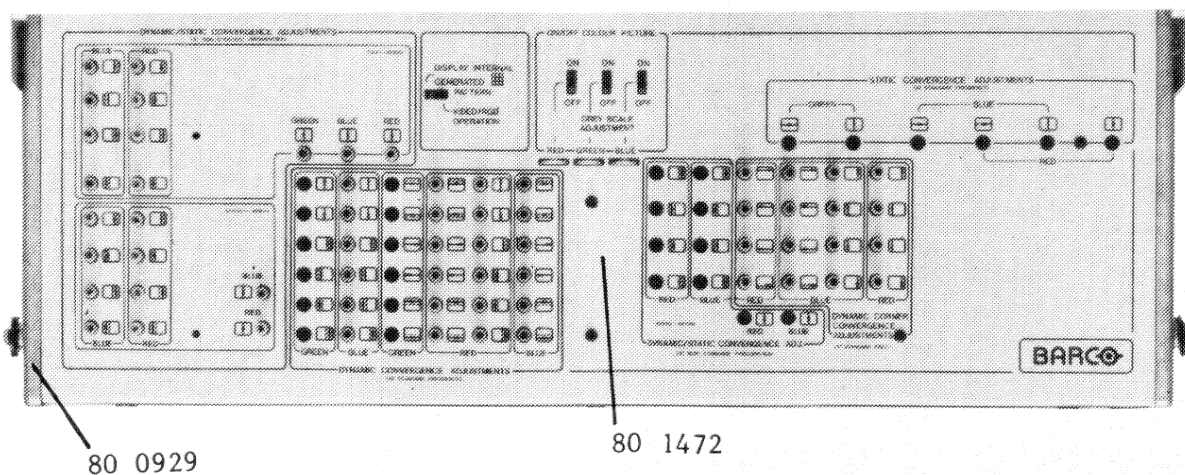
# CONVERGENCE BOARD

76 1286S

<u>ART.NR.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
10 67291	Trimmer potentiometer 10K 0W50	18
11 2681	Capacitor 15p 500V	1
13 14131	Transistor BC557B/BC307B	2
13 14181	Transistor BC559B/BC309B	4
13 14295	Transistor BC549B	6
13 1621	Switch diode 1N4148	2
13 1732	Zener diode 36V 0W5	1
13 4113	Integrated circuit TL084	5

**NUMBERS REFERRING TO PICTURE:**

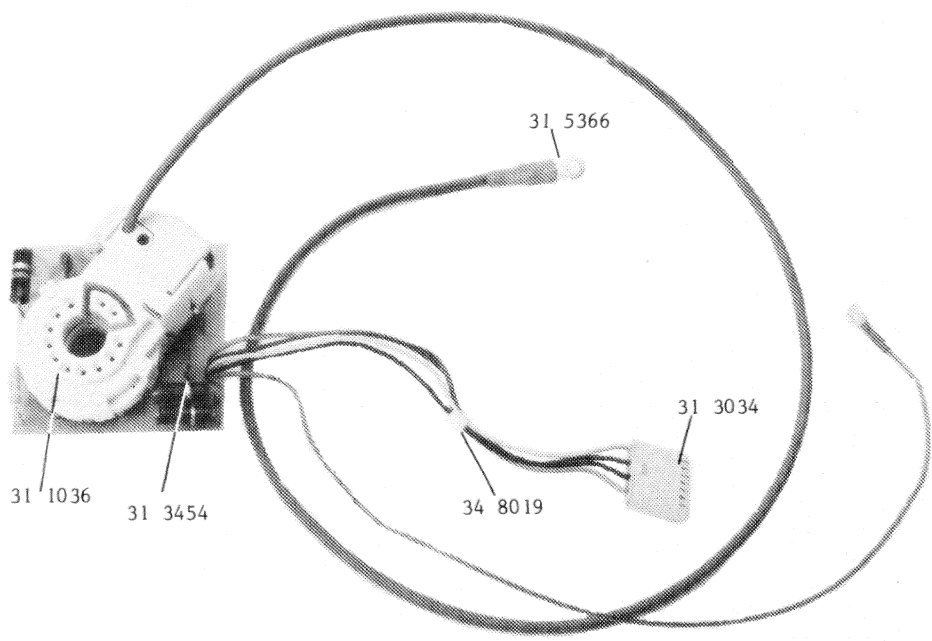
<u>ART.NR.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
80 0929	Decorative plate down	1
80 1472	Decorative plate up	1



<u>ART. NR.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
10 2129	Resistor 270E 1W	1
10 2138	Resistor 1K5 1W	1
10 2148	Resistor 10K 1W	2
11 20902	Capacitor 100P 2000V	1

NUMBERS REFERRING TO PICTURE :

<u>ART. NR.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
31 1036	Socket tube SD130	1
31 3034	Connector case	1
31 3454	Connector tab T0.5 4.8	1
31 5366	Connector ring	1
34 8019	Wire tie L100	3



# ELECTRICAL FOCUS CONTROL BOARD

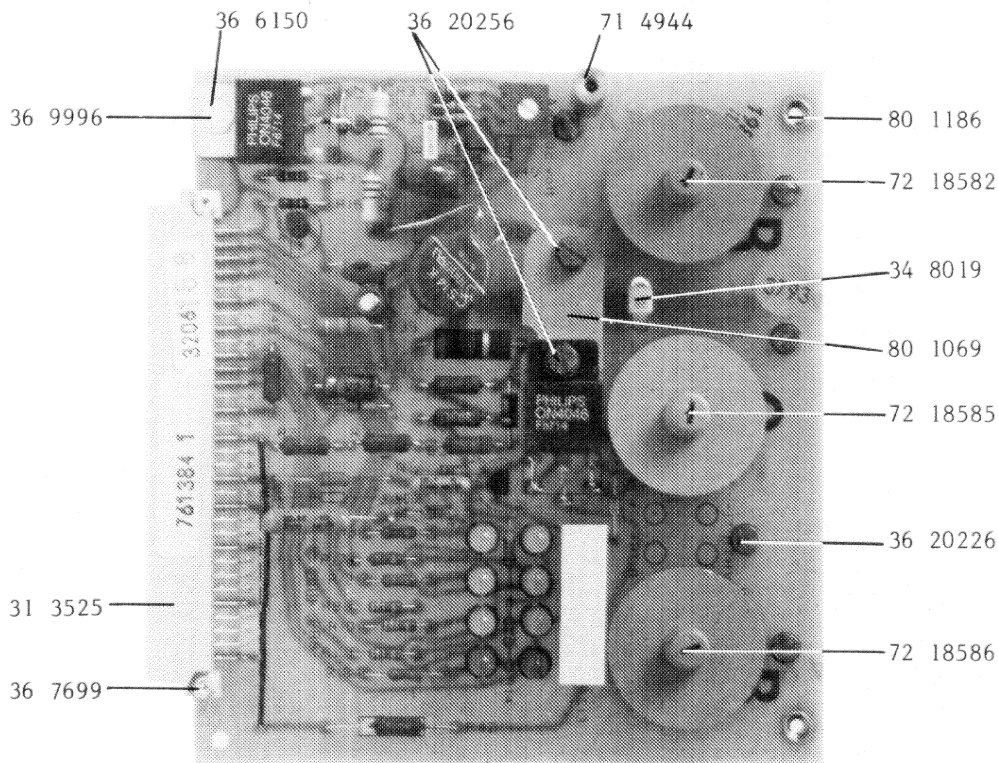
76 13841

<u>ART. NR.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
10 14625	Resistor 150K 1W50	3
10 14675	Resistor 390K 1W50	2
10 1469	Resistor 560K 1W50	2
10 2136	Resistor 1K 1W	1
10 46721	Resistor 5M6 HV 1W	2
10 4678	Resistor 10M HV 0W50	2
10 46821	Resistor 15M HV 1W	1
10 46901	Resistor 33M HV 1W	2
10 5119	Resistor VDR 1000V	4
10 6733	Trimmer potentiometer 100K 0W50	1
10 7601	Potentiometer 20M	3
11 1720	Capacitor 6K8 1500V	1
11 2098	Capacitor 470P 2000V	1
11 4625	Capacitor 1K HV 10000V	1
11 4720	Capacitor 1K 400V	2
13 14131	Transistor BC557B/BC307B	1
13 14295	Transistor BC549B	1
13 25096	Transistor BU508A,ON4046	4
13 2590	Transistor BC560B	1
13 1628	Switch diode BAW62	1
13 1637	Switch diode BA158	1
13 1663	Diode LD56-2 LED D5 Yellow	6
13 1664	Diode CQV21-5 LED D5 Red	1
13 1665	Diode CQV25-4 LED D5 Green	1
13 1720	Zener diode 6V2 0W5 C	1
13 1754	Zener diode 3V3 0W5 C	1
13 2102	Integrated circuit ZTK 33B	1
13 21025	Integrated circuit TAA 550	1

NUMBERS REFERRING TO PICTURE : (see next page)



ART. NR.	DESCRIPTION	QUANTITY
31 3525	Euro connector P64	1
34 8019	Wire tie L100	1
36 20226	Screw DIN84 M3x8	12
36 20256	Screw DIN84 M3x16	2
36 6150	Nut DIN934 M3 Plast Hexagonal	1
36 7699	Rivet Chobert D2.38 L6.35	2
36 9996	Screw DIN84 M3x12	1
71 4944	Spacer rivet L18.25D 7 M3 AL	1
72 18582	Turn knob Red	1
72 18585	Turn knob Green	1
72 18586	Turn knob Blue	1
80 1069	Heatsink	2
80 1186	Nut rivet M3 Inox	2

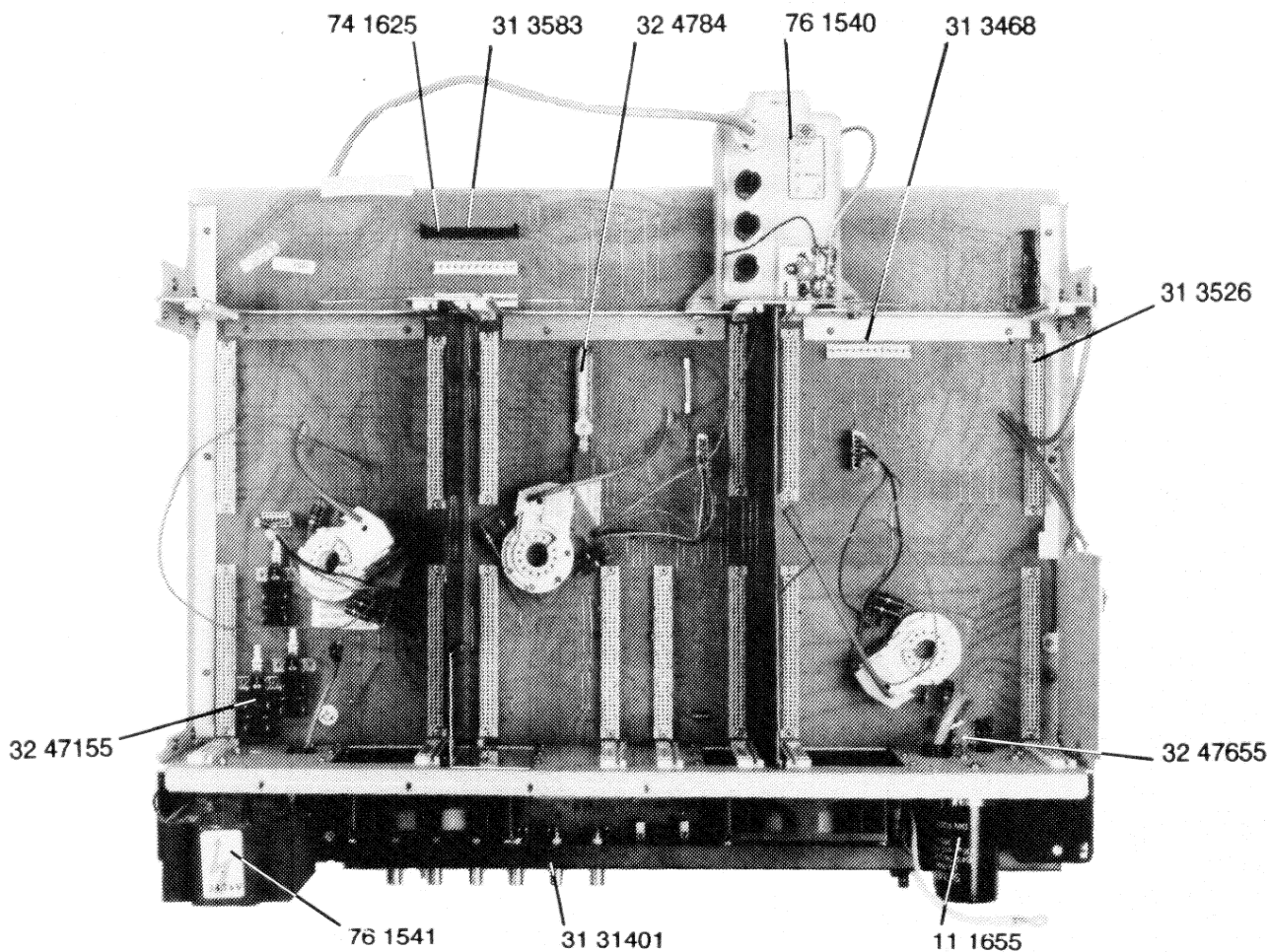


<u>ART.NR.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
10 5016	Resistor NTC 2K7	1
11 1655	Capacitor 400M 385V	1
74 1625	TF-SIL-4-P-104-X2-C	1
76 13732	CRT socket board Red	1
76 13735	CRT socket board Green	1
76 13736	CRT socket board Blue	1
76 1473	DC Control Fan board	1
76 1540	Splitter Filter board 35KV	1
76 1541	Quadrupler board 35KV	1

NUMBERS REFERRING TO PICTURE: (see next page)

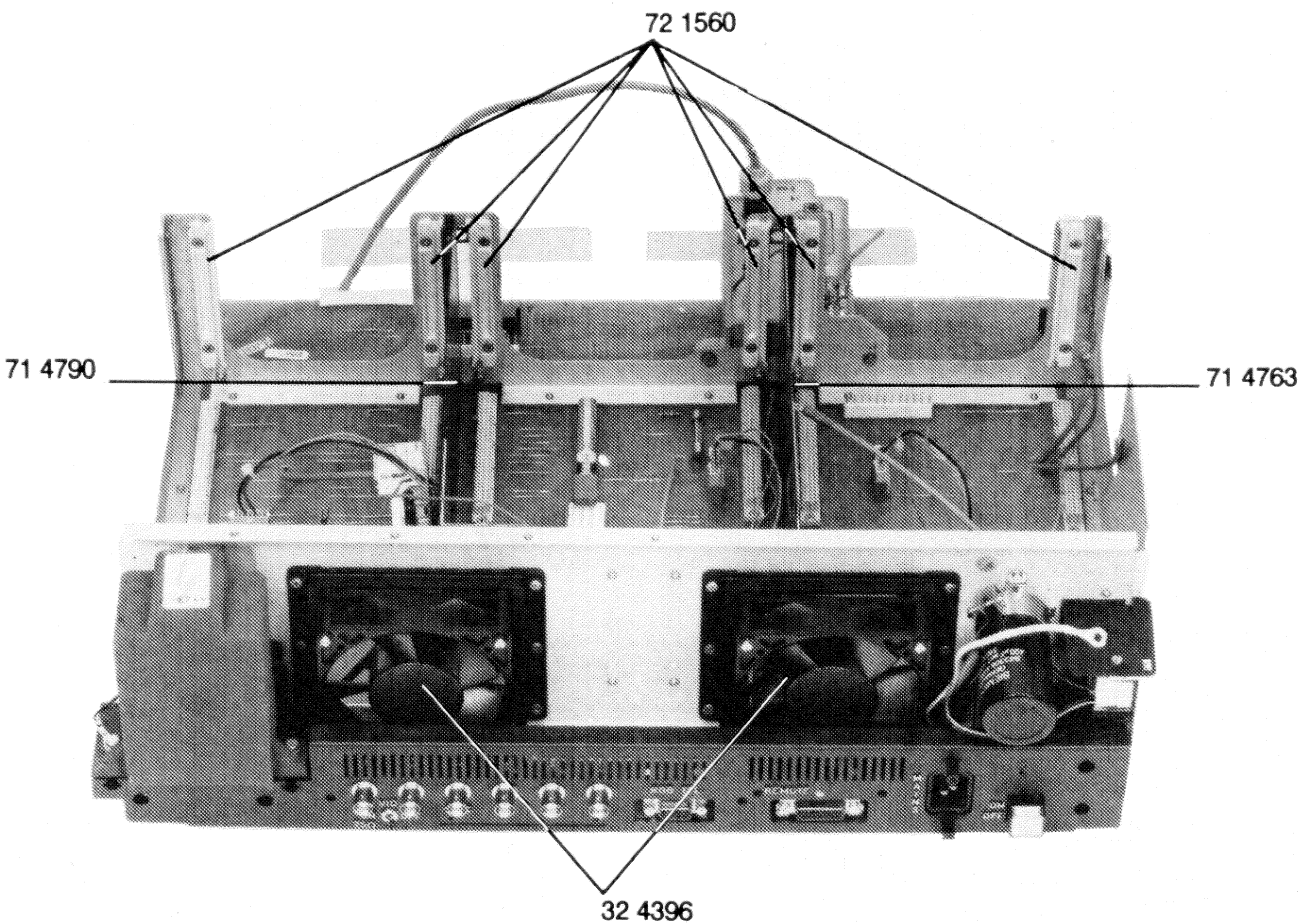
NUMBERS REFERRING TO PICTURE:

ART.NR.	DESCRIPTION	QUANTITY
11 1655	Capacitor 400M 385V	1
31 31401	BNC connector FOCTE P1	6
31 3468	Connector SL P12	3
31 3526	EURO connector P64	9
31 3583	Connector MT P20	1
32 47155	Switch mains 2U	3
32 47655	Switch mains 2U	1
32 4784	Switch push slide 6U	1
74 1625	TF-SIL-4-P104-X2-C	1
76 1540	Splitter Filter board 35KV	1
76 1541	Quadrupler board 35KV	1



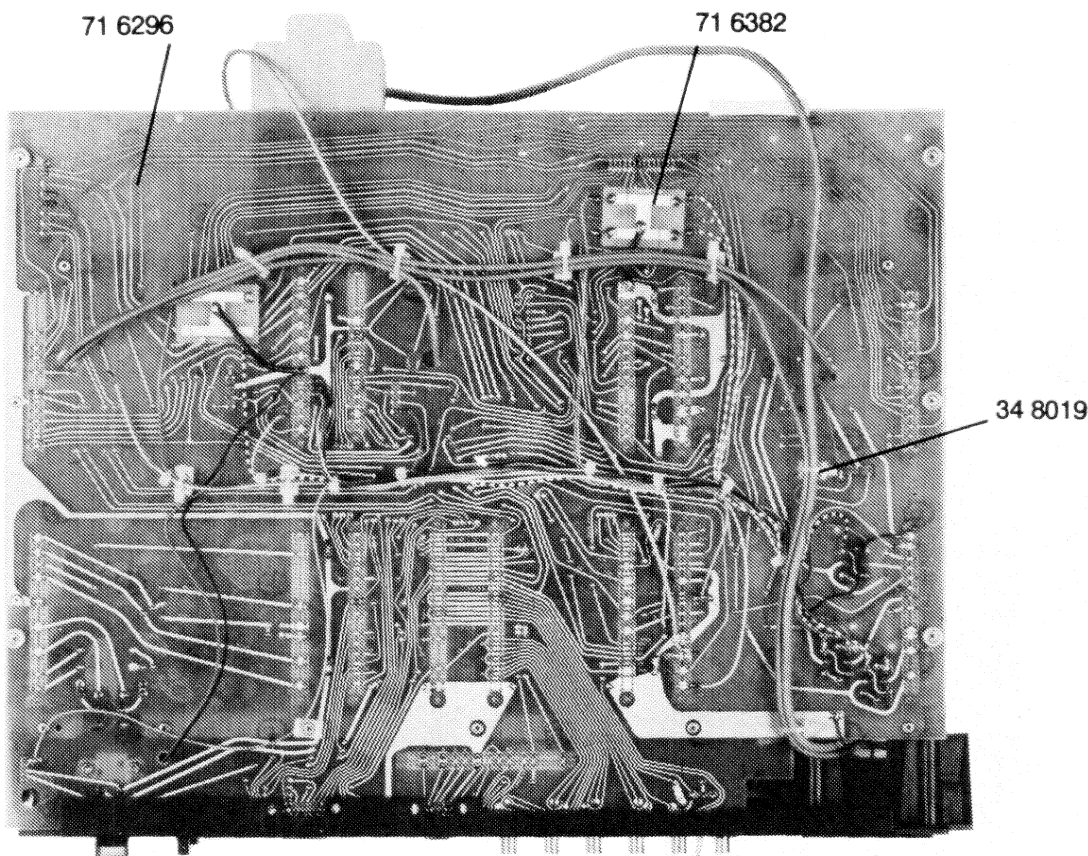
NUMBERS REFERRING TO PICTURE:

<u>ART.NR.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
32 4396	Fan 12V 22LS 39DB	2
71 4763	Screening	1
71 4790	Screening	1
72 1560	Board guide	13



NUMBERS REFERRING TO PICTURE:

ART.NR.	DESCRIPTION	QUANTITY
34 8019	Wire tie	11
71 6296	PC frame	1
71 6382	PC frame flash	2



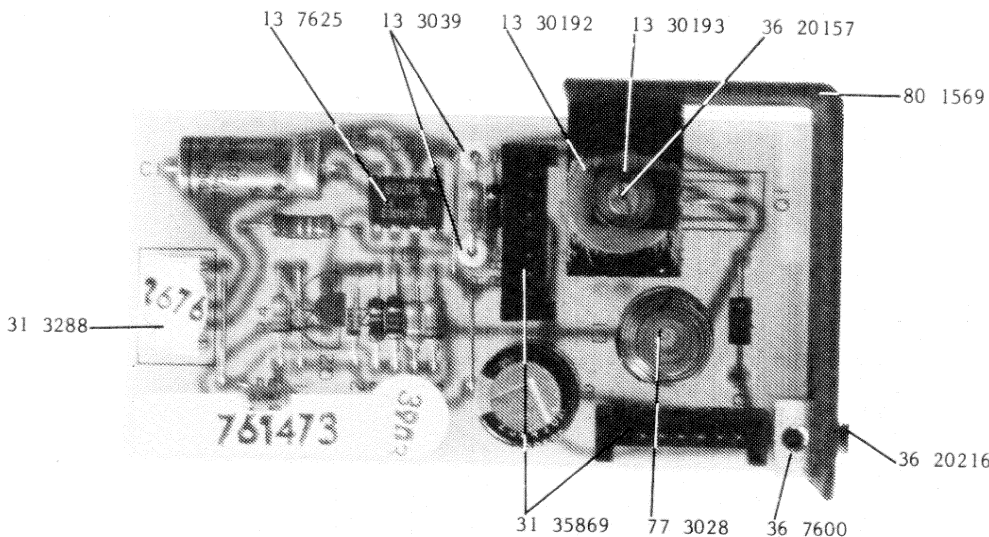
# DC FANS CONTROL BOARD

76 1473

<u>ART. NR.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
13 1621	Switch diode 1N4148	2
13 1637	Switch diode BA158	1
131413	Transistor BC557/BC307	1
1314451	Transistor BD238	1
131742	Zener diode 6V8 0W5 C	1
13 1767	Zener diode 6V8 0W5 B	2

NUMBERS REFERRING TO PICTURE :

<u>ART. NR.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
13 3039	Spacer L8 D4 D1.2 CER	2
13 7625	Integrated circuit 34063	1
13 3019	Transistor Set Insulat T0-126	1
13 30191	Transistor Washer T0-126	1
13 30192	Transistor Mica Insulat T0-126	1
13 30193	Transistor Bush Insulat T0-126	1
31 3288	Connector P10 2.5	0.5
31 35869	Connector P 7 Lock	2
36 20157	Screw DIN84 M2.5x12	1
36 20216	Screw DIN84 M3x6	2
36 7600	Fixing bloc universel M3	1
77 3028	Coil Choke	1
80 1569	Heatsink	1



<u>ART.NR.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
11 7001	Trimmer capacitor 7 -35p 160V	1
13 14181	Transistor BC559B/BC309B	7
13 14295	Transistor BC549B	10
13 1621	Switch diode 1N4148	20
13 1636	Schottky diode BAT43/BAT85	12
13 1740	Zener diode 12V 0W5	1
13 1751	Zener diode 9V1 0W5	1
13 1827	Varicap diode BB329B	1
13 4033	Integrated circuit 78L12	1
13 4034	Integrated circuit 79L12	1
13 73025	Integrated circuit 4011B	1
13 73325	Integrated circuit HCF4098B	1
13 7377	Integrated circuit 4520	1
13 7378	Integrated circuit 4538B	1
13 7392	Integrated circuit 4070B	1
13 73945	Integrated circuit HEF4093B	1
13 7397	Integrated circuit 4013B	1
13 7626	Integrated circuit 4516	1
13 7627	Integrated circuit 4518	3
30 6855	Crystal 5.000 000MHz	1

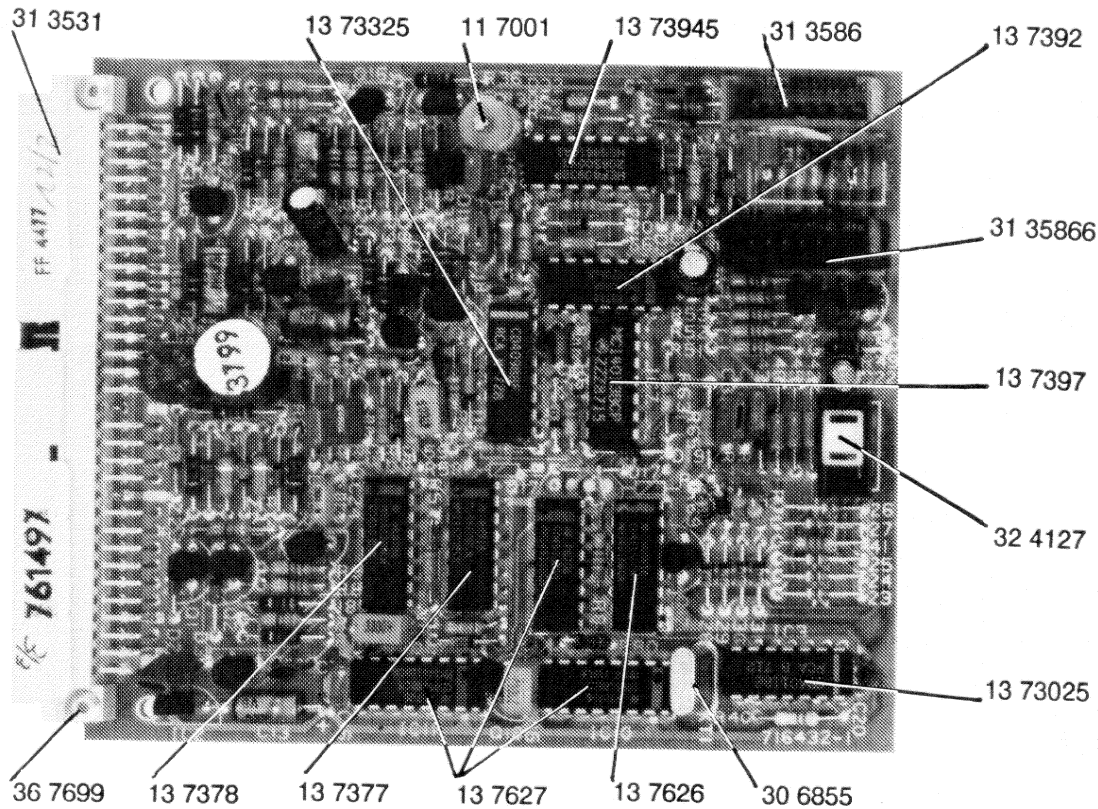
NUMBERS REFERRING TO PICTURE:(see next page)



VIDEO INPUT + CONV. GENERATOR BOARD76 1497

NUMBER REFERRING TO PICTURE:

ART.NR.	DESCRIPTION	QUANTITY
11 7001	Trimmer capacitor 7 -35p 160V	1
13 73025	Integrated circuit 4011B	1
13 73325	Integrated circuit HCF4098B	1
13 7377	Integrated circuit 4520	1
13 7378	Integrated circuit 4538B	1
13 7392	Integrated circuit 4070B	1
13 73945	Integrated circuit HEF4093B	1
13 7397	Integrated circuit 4013B	1
13 7626	Integrated circuit 4516	1
13 7627	Integrated circuit 4518	3
30 6855	Crystal 5.000 000MHz	1
31 3531	EURO connector MOBSE key P64	1
31 3586	Connector MOBTE P7	1
31 35866	Connector MOBTE P7	1
32 4127	Slide switch 4A	1
36 7699	Rivet Chobert D2.38 L6.35	2





<u>ART.NR.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
10 1358	Resistor 68K 1W	1
10 3226	Resistor 150E 1W50	2
10 3341	Resistor 2K7 4W	1
10 3658	Resistor 680E 4W	1
10 4656	Resistor HV 1M2 0W50	1
10 4658	Resistor HV 1M5 0W50	1
10 46781	Resistor HV 10M 1W	1
10 5211	PTC resistor 4K7	1
10 6829	Trimmer potentiometer 10K 0W50	1
10 6832	Trimmer potentiometer 50K 0W50	1
11 1639	Capacitor 47M 250V	5
11 1655	Capacitor 400M 385V	1
11 1769	Capacitor 3K3 1500V	1
11 2837	Capacitor 10K 400V	2
11 39102	Capacitor 6K8 250V	2
11 4124	Capacitor 22K 250V	1
11 47009	Capacitor 4K7 AC400	1
11 50051	Capacitor 2K2 1500V	1
13 14071	Transistor BC547B/BC237B	1
13 14131	Transistor BC557B/BC307B	1
13 1471	Transistor BF458	1
13 25096	Transistor BU508A/ON4046	1
13 2913	Transistor BUP101	1
13 1621	Switch diode 1N4148	1
13 1637	Switch diode BA158	4
13 1646	Rectifier diode 1N4007	6
13 1667	LED diode CQY95-B4 green	1
13 1691	Opto coupler SFH601G-3	1
13 1756	Zener diode 7V5 0W5	2
13 1787	Zener diode 51V 0W5	1
13 1791	Zener diode 6V2 0W5	1
13 19025	Rectifier diode BY255	4
13 1921	Rectifier diode BY299	2
13 1927	Rectifier diode BY229-600	1
13 1928	Rectifier diode BY229-600R	4
13 1952	Rectifier diode BYW96E	1
13 2210	Thyristor SR2106	1

<u>ART.NR.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
13 2787	Integrated circuit TDA4601	2
13 4026	Integrated circuit 317T	1
13 4114	Integrated circuit 393	1
31 4143	Fuse 2A 5X20 fast	1
31 4198	Fuse thermo 85°C	1
71 2604	Core ferrox	2
76 1499B	Switched mode power supply board	1
76 1499S	Switched mode power supply board	1
77 3028	Coil shoke	6
77 4144	Transformer SMP VAR	1
77 4186	Transformer SMP FIX	1
77 41867	Transformer SMP FIX	1

NUMBERS REFERRING TO PICTURE:(see next page)

<u>ART.NR.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
10 6827	Trimmer potentiometer 2K 0W50	1
13 1621	Switch diode 1N4148	1
13 1636	Schottky diode BAT43/BAT85	1
13 1927	Rectifier diode BY229-600	1
13 1928	Rectifier diode BY229-600R	1
13 4031	Integrated circuit TL431C	1
13 4116	Integrated circuit 353	1
13 4103	Fuse 3A150 5X20 slow	2
13 41041	Fuse 4A 5X20 slow	2

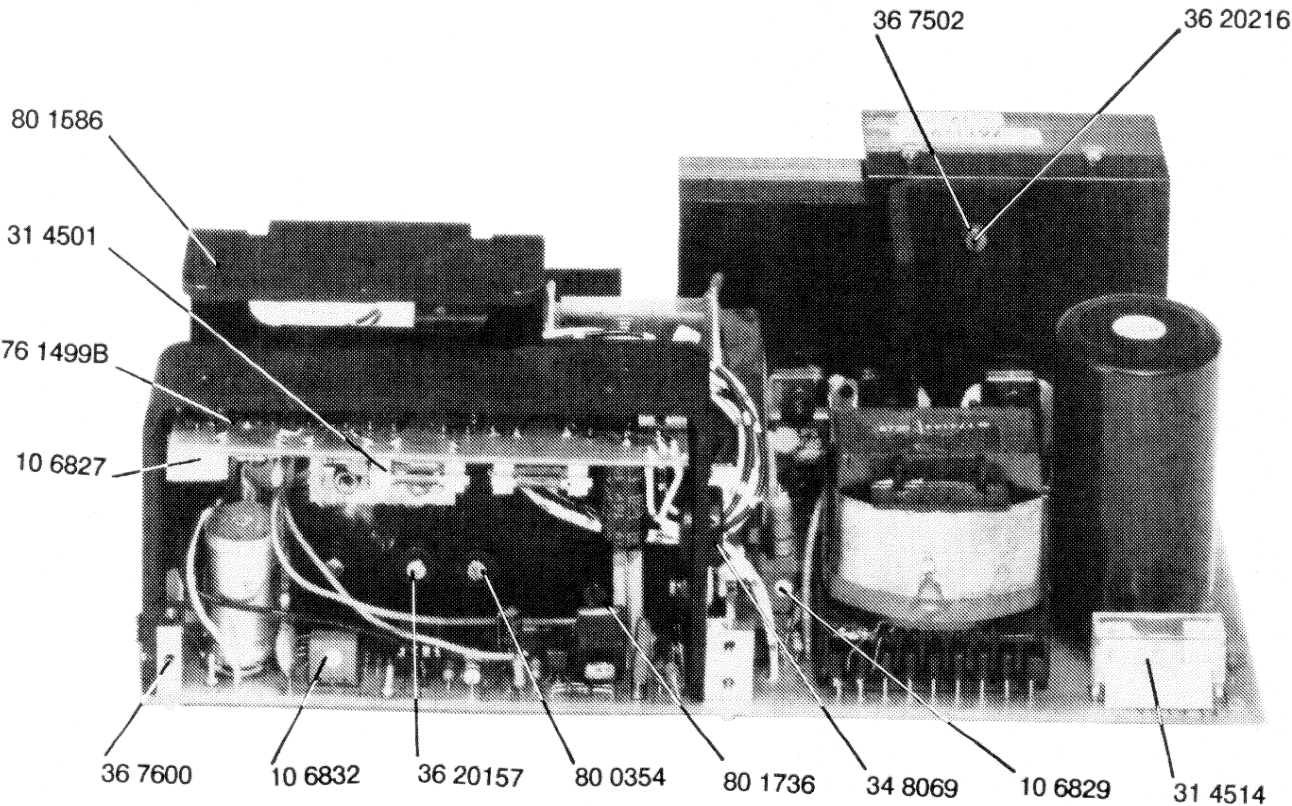
**NUMBERS REFERRING TO PICTURE:** (see next page)

SWITCHED MODE POWER SUPPLY BOARD

76 1499S

NUMBERS REFERRING TO PICTURE:

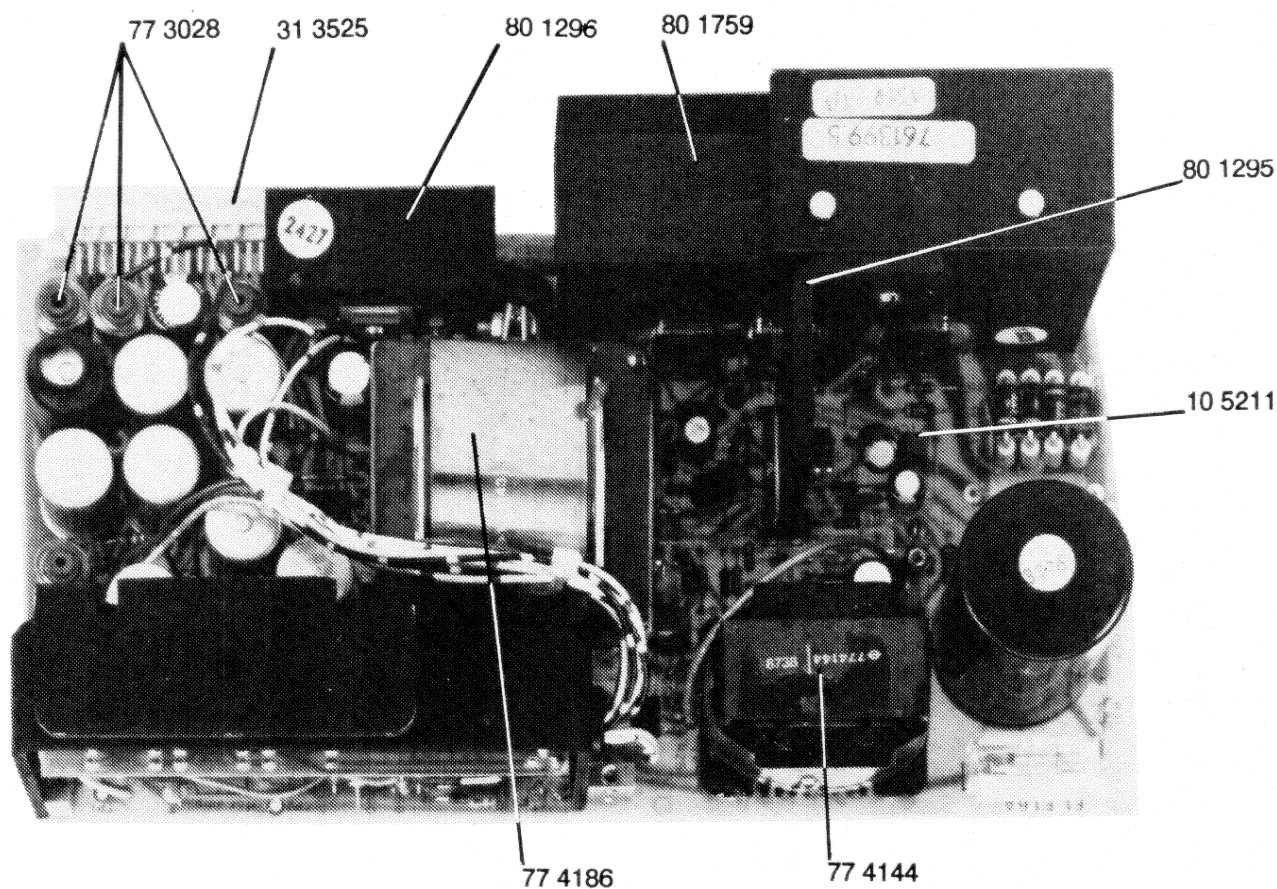
ART.NR.	DESCRIPTION	QUANTITY
10 6827	Trimmer potentiometer 2K 0W50	1
10 6829	Trimmer potentiometer 10K 0W50	1
10 6832	Trimmer potentiometer 50K 0W50	1
31 4501	Fuse clips 5X20	8
31 4514	Fuse 5X20 cap + holder	1
34 8069	Grommet T3 D10	1
36 20157	Screw DIN84 M2.5X12	6
36 20216	Screw DIN84 M3X6	1
36 7502	Washer DIN6798 A3.2	14
36 7600	Fixation bloc universel	2
76 1499B	Switched mode power supply board	1
80 0354	Washer DIA3.25X7.5	7
80 1586	Heatsink	1
80 1736	Fixation bracket heatsink	1



SWITCHED MODE POWER SUPPLY BOARD

76 1499S

ART.NR.	DESCRIPTION	QUANTITY
10 5211	PTC resistor 4K7	1
31 3525	EURO connector MOBSE P64	2
77 3028	Coil choke	6
77 4144	Transformer SMP VAR	1
77 4186	Transformer SMP FIX	1
80 1295	Heatsink	1
80 1296	Heatsink	1
80 1759	Heatsink	1



ART. NR.	DESCRIPTION	QUANTITY
10 3248	Resistor 10K 1W50	1
10 6724	Trimmer potentiometer 200E 0W50	1
10 6727	Trimmer potentiometer 2K2 0W50	2
10 6827	Trimmer potentiometer 2K 0W50	1
10 6828	Trimmer potentiometer 5K 0W50	1
10 6829	Trimmer potentiometer 10K 0W50	3
10 6832	Trimmer potentiometer 50K 0W50	1
11 1571	Capacitor 2M2 350V	2
11 2831	Capacitor 3K3 400V	3
11 7001	Trimmer capacitor 7 -35P 160V	2
13 1411	Transistor BC549C/BC239	2
13 14181	Transistor BC559B/BC309B	3
13 1429	Transistor BC548B/BC238B	9
13 14295	Transistor BC549B	3
13 1471	Transistor BF458	1
13 2514	Transistor BF469	6
13 1621	Switch diode 1N4148	19
13 1628	Switch diode BAW62	3
13 1637	Switch diode BA158	6
13 1644	Rectifier diode 1N4001	1
13 1721	Zener diode 13V 0W5 C	1
13 1771	Zener diode 150V 0W5 C	1
13 2134	Integrated circuit TBA 3046 331	1
13 2773	Integrated circuit TDA 4560/65	1
13 2778	Integrated circuit TDA4555	1
13 2779	Integrated circuit TDA3505	1
13 4002	Integrated circuit 7812	1
13 4031	Integrated circuit TL 431C	1
30 6511	Delay line M P/S DL710, DL711	1
30 6527	Delay line M RGB 2x0.175 USEC	1
30 6816	X-tal 8.867 238 MHz	1
30 6849	X-tal 7.159 090 MHz PCM 5MM	1
76 1365S	Quad decoder/RGB ampl. + additional blanking board	1
76 1531S	Quad decoder/RGB amplifier sub BCL board	1

**NUMBERS REFERRING TO PICTURE :** (see next page)

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# QUAD DEC/RGB OUT+ADD BLANKING BOARD 76 1365S

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<u>ART. NR.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
10 6830	Trimmer potentiometer 20K 0W50	4
13 14295	Transistor BC549B	1
13 1621	Switch diode 1N4148	2
13 1636	Schottky diode BAT43 BAT85	1
13 4107	Integrated circuit 3302	1
13 7397	Integrated circuit 4013B	1

NUMBERS REFERRING TO PICTURE : (see next page)

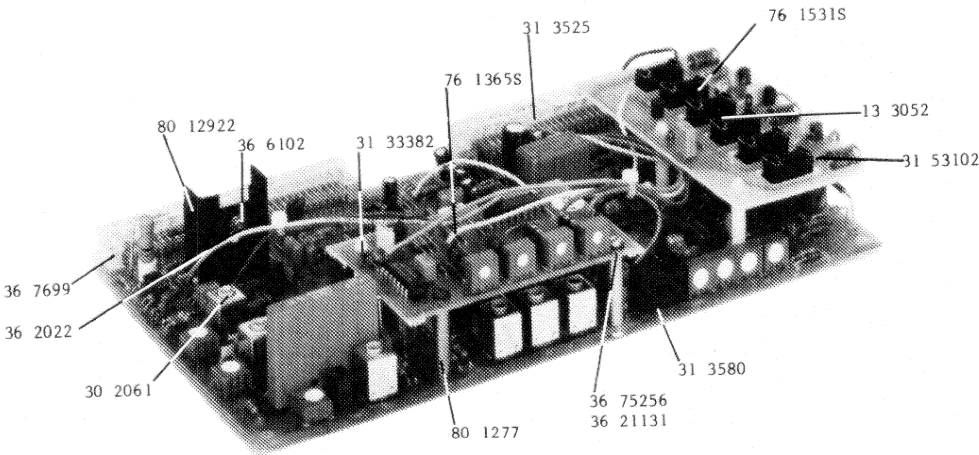
QUAD DEC + RGB OUT SUB BCL BOARD

76 1531S

ART. NR.	DESCRIPTION	QUANTITY
13 1621	Switch diode 1N4148	6
13 2552	Transistor BF423	3
13 14295	Transistor BC549B	1

NUMBERS REFERRING TO PICTURE :

ART. NR.	DESCRIPTION	QUANTITY
13 3052	Transistor cooler	6
30 2061	Coil CAN 10x10x12	9
31 33382	Spacer L22.2 PCB	3
31 3525	Euro connector P64	2
31 3580	Connector P5	1
31 53102	Connector tab MBT T0.5 2.8	3
36 2022	Screw DIN84 M3x8	1
36 75256	Washer DIA 3.1 x 6.2 T0.6	4
36 21131	Screw DIN7985 M2.5x8	4
36 6102	Nut DIN 934 M3 Hexagonal	1
36 7699	Rivet Chobert D2.38 L6.35	4
76 1365S	Quad Decoder/RGB amplifier + Add blanking board	1
76 1531S	Quad decoder + RGB amplifier Sub BCL board	1
80 1277	Spacer L22 D5 M2.5	4
80 12922	Heatsink	1





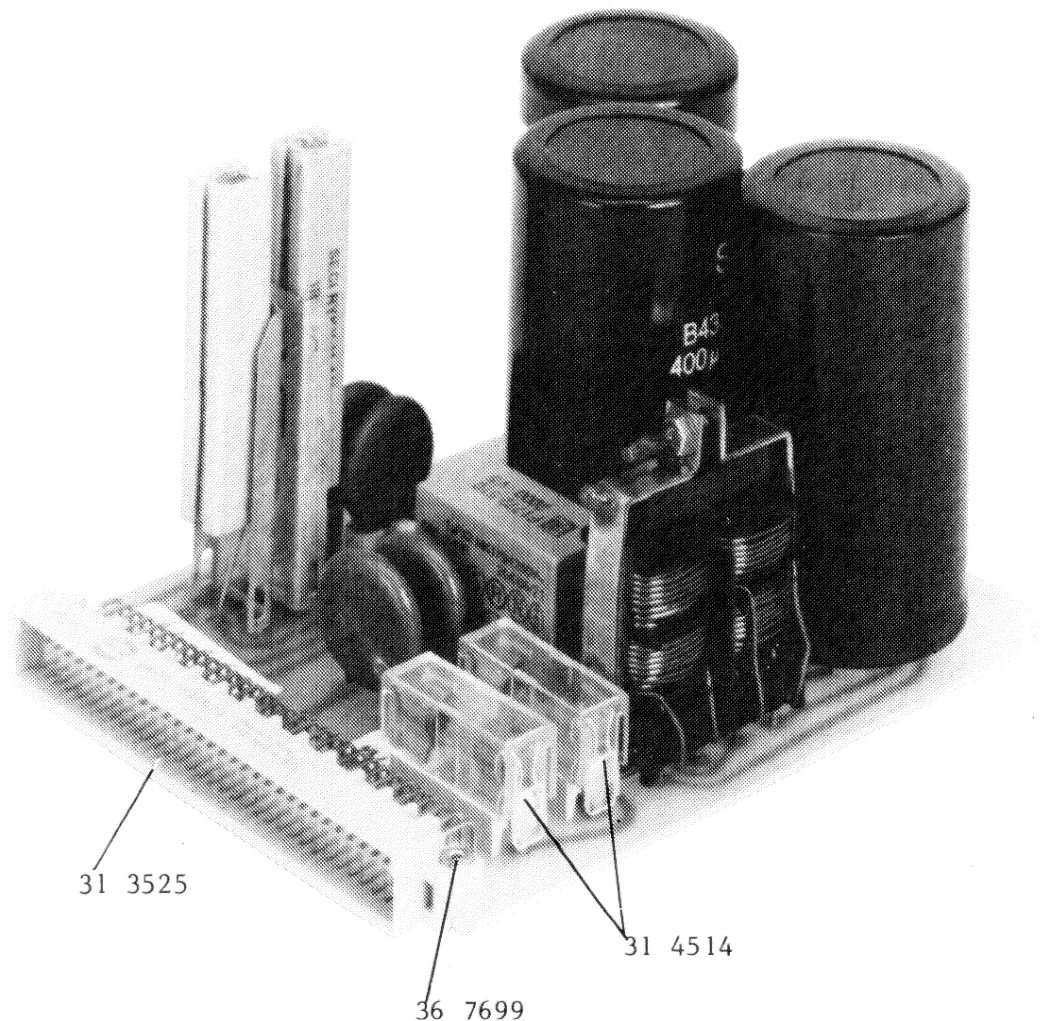
# 110/220 VAC MAINS INPUT BOARD

76 1548

<u>ART. NR.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
10 4401	Resistor 1E 11W	2
10 5018	Resistor NTC 4E7 2W	2
11 1655	Capacitor 400M 385V	3
11 4716	Capacitor 1M AC 250V	1
11 4722	Capacitor 2K2 400V	2
31 4103	Fuse 3A150 5X20 Slow	2
77 4150	Mains choke coil	1

NUMBERS REFERRING TO PICTURE :

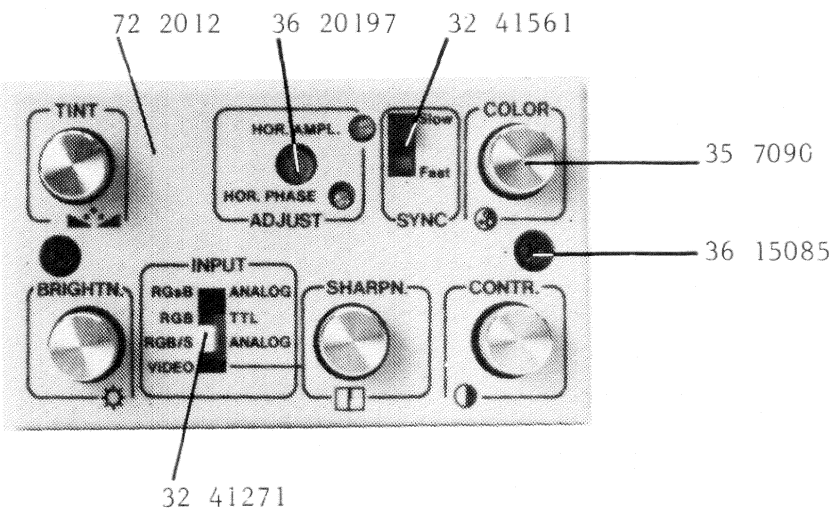
<u>ART. NR.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
31 3525	Euro connector P64	1
31 4514	Fuse 5x20 Cap + Holder	2
36 7699	Rivet Chobert D2.38 L3.35	2



ART.NR	DESCRIPTION	QUANTITY
10 71305	Potentiometer 4K7 0W05	5
10 7530	Multiturn potentiometer 100K 0W50	1

NUMBERS REFERRING TO PICTURE:

ART.NR.	DESCRIPTION	QUANTITY
32 41271	Switch slide 4A	1
32 41561	Switch slide 1U AU	1
35 7090	Miniature potentiometer turn knob	5
36 15085	Screw DIN7981 3.2X16	2
36 20197	Screw DIN84 M2.5X25	2
72 2012	Case	1





**MECHANICAL PARTS:**

<u>ART.NR.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
13 0983	Lens DELTA HD-6	3
31 35862	Connector MT P7	1
31 35865	Connector MT P7	1
31 35866	Connector MT P7	1
35 6309	PVC Foot	4
72 1608	Cap PVC	1
72 2012	Case CSB	1
72 1943	Window 110/220V	1
80 0307	Hinge fixation plate	4
80 0843	Screenplate case	1
80 1014	Fixation up CRT Green	1
80 1015	Fixation down CRT Green	1
80 1016	Plate ADJ 1 CRT	3
80 1017	Fixation up CRT Blue	1
80 1018	Fixation down CRT Blue	1
80 1019	Fixation up CRT Red	1
80 1020	Fixation down CRT Red	1
80 1436	Screen inox 150X100	2
80 1921	Nameplate PART-SER. nr. 90 00440	1

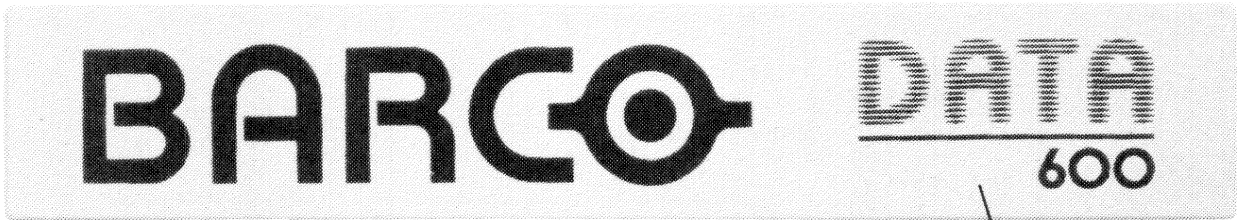
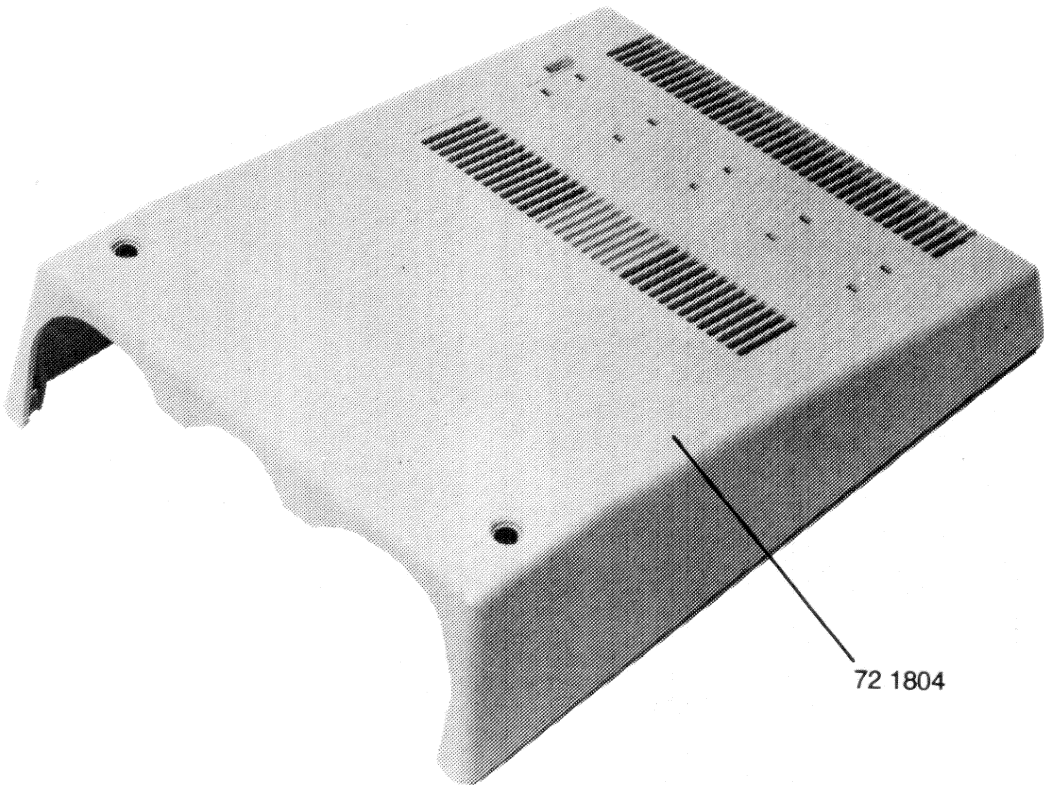
**MISCELLANEOUS**

<u>ART.NR.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
34 82384	Cord complete	1
34 82455	Cord RC 12M	1

**NUMBERS REFERRING TO PICTURE:** (see next page)

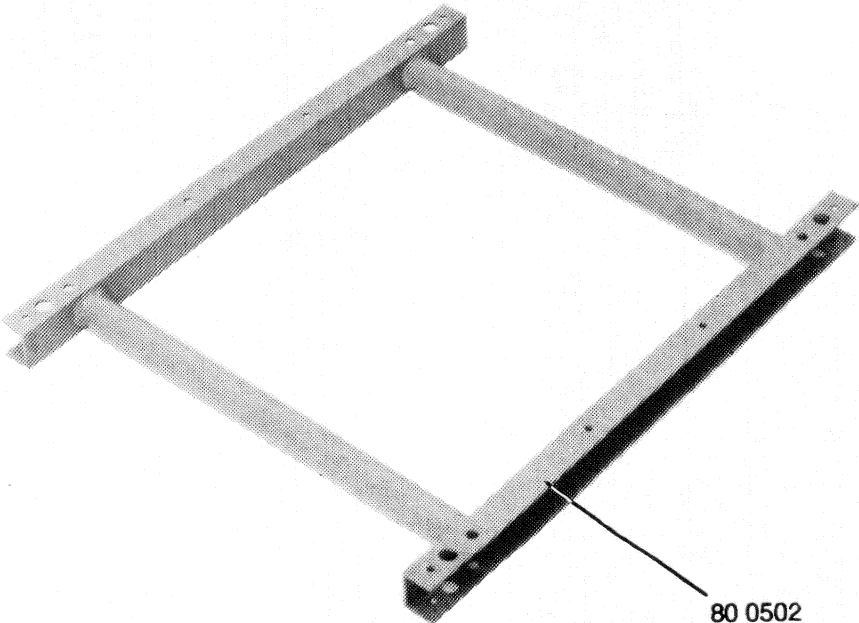
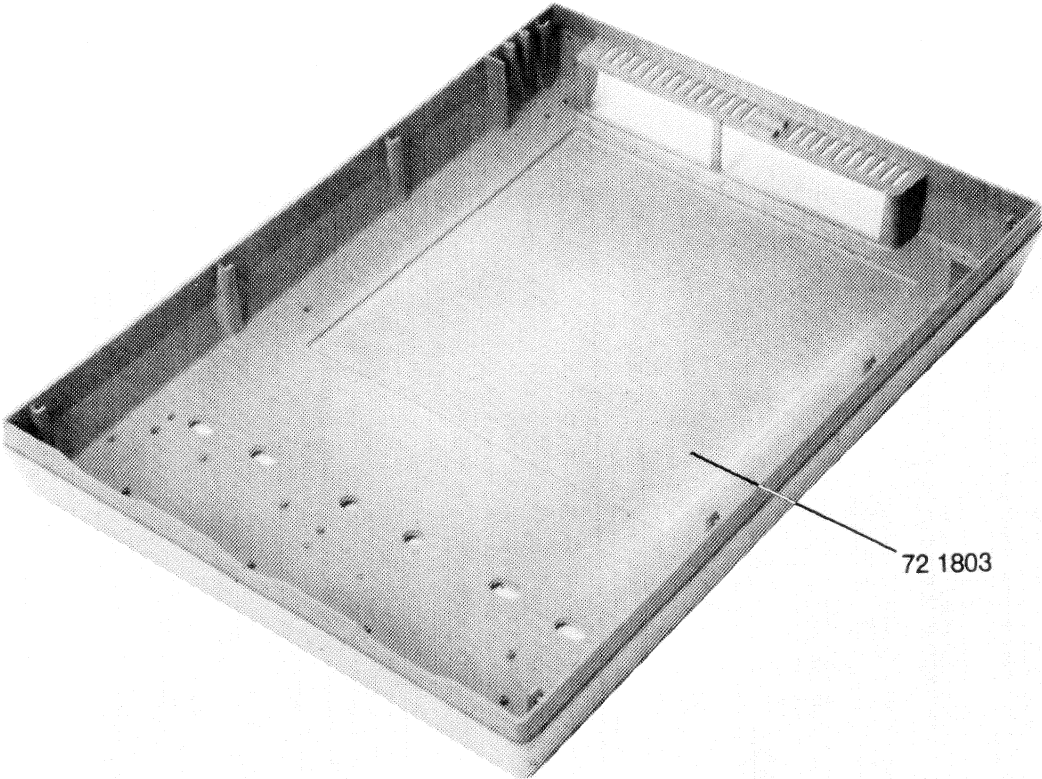
NUMBERS REFERRING TO PICTURE:

ART.NR.	DESCRIPTION	QUANTITY
72 1804	Cabinet up	1
72 2035	Nameplate Projector Barcodata 600	1



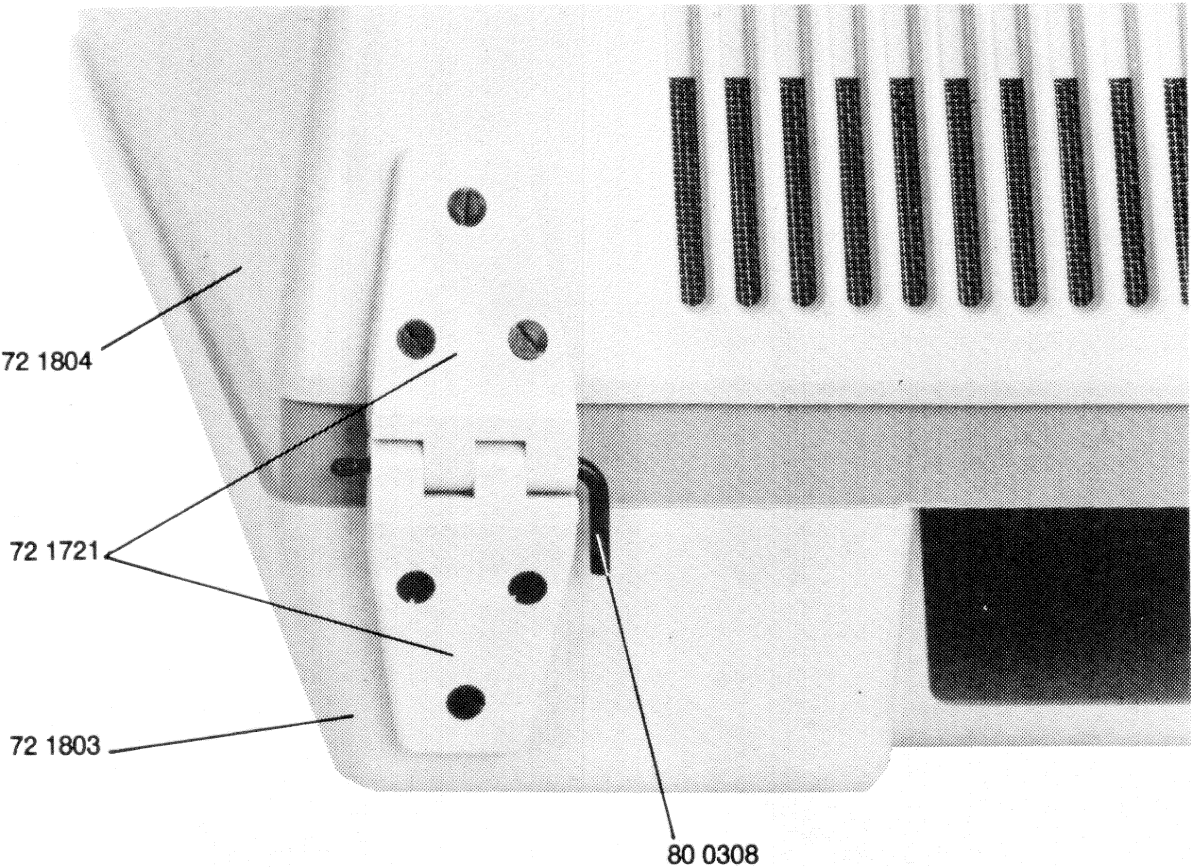
NUMBERS REFERRING TO PICTURE:

<u>ART.NR.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
72 1803	Cabinet down	1
80 0502	Mounting bracket	1



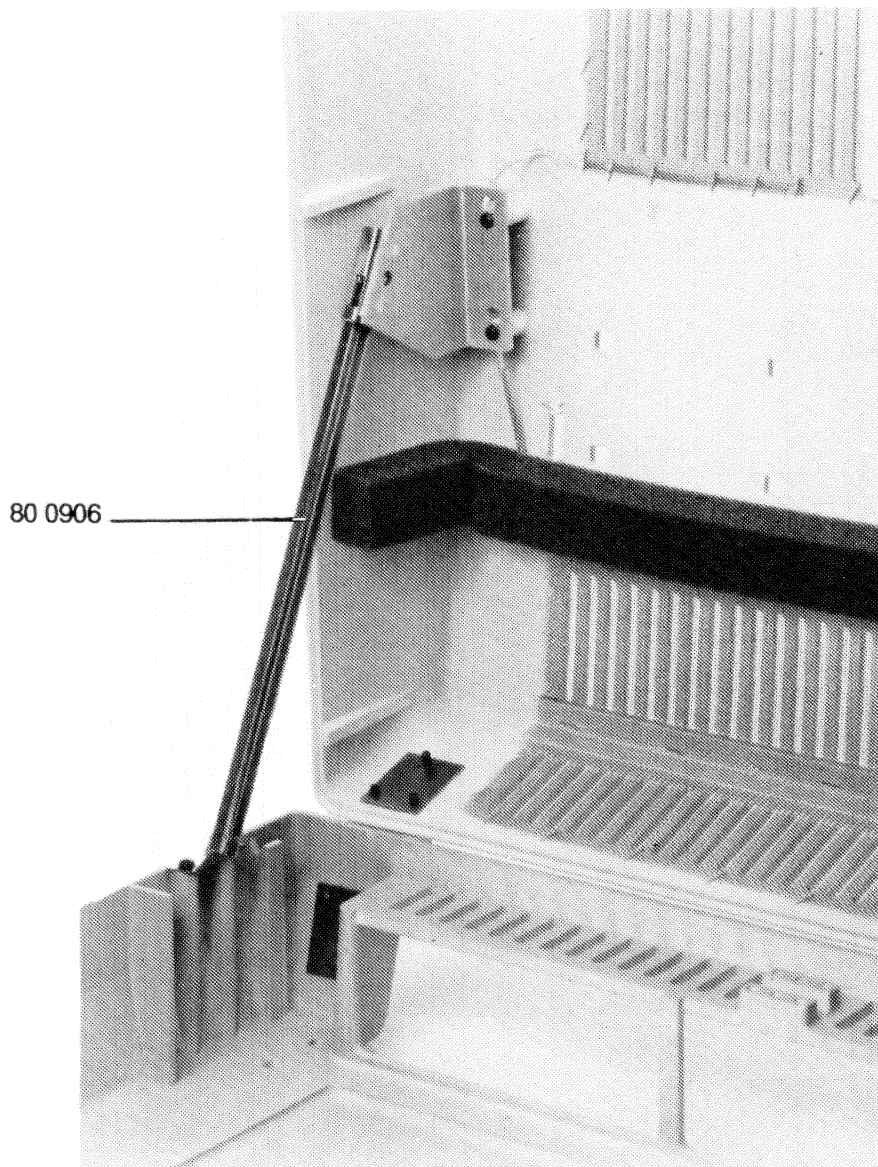
NUMBERS REFERRING TO PICTURE:

<u>ART.NR.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
72 1721	Hinge case	4
72 1803	Cabinet down	1
72 1804	Cabinet up	1
80 0308	Hinge pin	2



**NUMBERS REFERRING TO PICTURE:**

<b><u>ART.NR.</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>QUANTITY</u></b>
80 0906	Hinge complete	1





NUMBERS REFERRING TO PICTURE:

<u>ART.NR.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
36 7093	Fastener rivet	2
80 0198	Right side frame	1
80 0264	Left side frame	1
80 0269	Fixation bracket cap	2
80 1022	Lath down CRT complete	1
80 1023	Lath up CRT complete	1
80 1127	Lens dust ring	3

