00G/00S/05G/05S/16G





230 V~ ± 15%-50 Hz

75 W

25 kV

 16Ω

2 x 1 W

0.3 V-5 V

0 V-0.8 V

2.4 V-5 V

80 × 25

75 W

25 kV

16 Ω 2 x 1 W

≥12 MHz

M34EAQ10X

230 V $\sim \pm 15\%$ -50 Hz

TTL-Level

1 Vtt \pm 0.5 Vtt 0.7 V-75 Ω

177 mV-10 kΩ

rvice Manua



- Mains voltage

- Power consumption at 230 Vac

- EHT

- Loudspeaker impedance

- LF output power

- Input spec's

- CVBS

- RGB-Linear (scart) Comp. Sync.

- RGB-TTL

Low High H + V-Sync.

Comp. Sync.

- Audio (L), (R) - Character display

- Bandwidth

- Picture tube

(NL)

BedrijfsspanningVerbruik bij 230 V ~Hoogspanning

- Luidspreker impedantie - LF uitgangsvermogen

- Ingangsspecificaties

CVBS

- RGB-lineair (scart)

Comp. sync. – RGB-TTL

Laag

Hoog H + V-sync. Comp. sync.

- Audio (L), (R) - Karakter uitlezing

Bandbreedte

- Beeldbuis

(D)

BetriebsspannungVerbrauch bei 230 V~

- Hochspannung

- Lautsprecherimpedanz - NF-Ausgangsleistung

- Eingangsspezifikationen

- FBĂS

- RGB-linear (Scart)

Comp. sync. - RGB-TTL

Tief

Hoch Hor.-+Vert.-Synchr.

Comp. sync. Audio (L), (R)

- Zeichenauslesung

- Bandbreite

- Bildröhre

F

- Tension de travail

- Consommation à 230 V

- Haute tension

- Impédance H.P. - Puissance de sortie BF

- Données d'entrée

- CVBS

- (Scart) RVB linéaire

Sync. comp. RVB-TTL

Bas Haut

Sync. H+V

Sýnc. compos.

Audio (L), (R)

Affichage caractère
 Largeur de bande

- Tube image

- Tensione di funz.

- Consumo a 230 V ∼ Alta tensione

Impedenza altopari.

- Potenza uscita BF - Dati ingresso

- CVBS

- Scart RVB-lineare

Sinc. compos.

- RVB-TTL

Basso Alto

Sinc. O+V

Sinc. compos.

- Display carattere

- Larghezza di banda - Cinescopio

- Audio (L), (R)

177 mV-10 k Ω

80 × 25 ≥12 MHz

1 Vtt \pm 0.5 Vtt 0.7 V-75 Ω 0.3 V-5 V

TTL-Level

0 V-0.8 V

2.4 V-5 V

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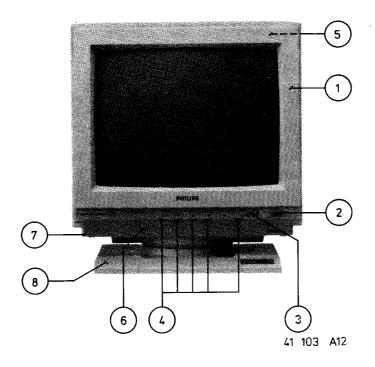


Subject to modification 4822 727 15714

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1 1	4822 430 70433 4822 430 70443	Cabinet - /00G/05G/16G Cabinet - /00S/05S
2	4822 410 25285	Power push button - /00G/05G/16G
2	4822 410 25442	Power push button - /00S/05S
3	4822 413 31421	Push button green switch (SK4) and input switch (SK2) -/00G/05G/16G
3	4822 410 25458	Push button green switch (SK4) and input switch (SK2) -00S/05S
4	4822 413 31407	Knobs for vol/col/cont/brith/hor. centr -/00G/05G/16G
4	4822 413 31425	Knobs for vol/col/cont/brith/hor. centr -/00S/05S
5	4822 432 92046	Rear cover -/00G/05G
5	4822 438 10218	Rear cover -/00S/05S
5	4822 438 10219	Rear cover -/16G
6	4822 462 10269	Foot -/00G/05G/16G
6 7	4822 462 10276	Foot -/00S/05S Pad (4x)
8	4822 462 40831 AV7202/00G	Rotary table with clock
8	AV7202/00R	Rotary table with clock
	4822 535 91695 4822 410 24178	Adjust rod (3x) Knobs for VCR switch (SK5) and RGB status switch (SK3)

(GB) CAUTION

- 1) Safety requirements stipulate that, during repair, the set should be restored in its original state and that parts, identical to the specified ones, should be applied.
- For safety reasons, the parts provided with the sign A should be replaced by identical parts (for code numbers see electrical parts lists).
- 3) To avoid damages to ICs and transistors, flash-over of the high-tension should be avoided.
- 4) Be careful when performing measurements in the high-tension section and on the picture tube.
- Never change parts when the set is still switched on.
- Safety goggles must be worn during replacement of the picture tube.

REMARKS

1) The direct voltages indicated in the circuit diagram are average voltages. They have been measured under the following conditions:

Volume, contrast, colour saturation and brightness to minimum.

The oscillograms have been measured under the following conditions:

Signal from a pattern generator (PM5515) on colour bar pattern (bar) with 1 V video amplitude and 50% chroma amplitude.

Adjust brightness, contrast and colour saturation until the oscillogram shown in Fig. (1) appears on the collector of TS713.

Volume to minimum

MECHANICAL INSTRUCTIONS

Removing the chassis

Remove the rear cover

The chassis can now be slid out.

Removing the supply panel

Undo the screw on the side of the panel and unlock the supply PCB from the holder.

After repair, the connecting cables of the chassis and the supply panel must be fixed again in the original way.

ADJUSTMENTS AFTER REPAIR

1) +125 V supply voltage

Connect the voltmeter (DC position) between C494 and

Adjust R114 until the voltmeter indicates 125 V.

2) Synchronisation

Apply a cross-hatch pattern and short C434.

Horizontal synchronisation Now adjust R437 until the picture is straight. Then remove the short-circuit.

Vertical synchronisation Adjust R331 until the picture is straight. Then remove the short-circuit

3) Adjusting the picture geometry

Apply a cross-hatch pattern and put brightness and contrast in the mechanical mid-position.

Horizontal amplitude

Adjust R485 until 14 blocks correspond with a width of 26

The horizontal centring can be adjusted with R450.

CS 4 630

Vertical amplitude

Adjust R353 until 10 blocks correspond with a height of

The vertical centring can be adjusted with R364.

4) VG2 adjustment and cut-off points in picture tube

- Set brightness to 1/4 of its range and adjust contrast for minimum value
- Set potentiometers R605-R606-R704-R705 and R706 to mechanical mid-position.
- Adjust R727 for minimum value.
- Set the signal generator to position "pur" and enter the colours red green blue, respectively.
- Using potentiometers R704-R705 and R706 with the corresponding colour pattern, adjust the voltage on the collectors of TS711 - TS712 and TS713 for 110 V.
- Apply a white frame and adjust R727 until one colour becomes visible.
- Set the pattern generator to purity with the colour that was first visible.
- Readjust R727 to just visible light.
- Adjust the 2 remaining colours with their corresponding purity colour for the same light output using potentiometers R704, R705 or R706.
- Now return the signal generator to white frame and adjust potentiometers R704, R705 and R706 until an optimum background colour is formed.
- Using potentiometers R605 and R606 (with white frame), adjust the background colour such that at minimum brightness and maximum brightness the background colour is the same.

5) Chrominance adjustments

The 4.43 MHz blanking circuit in the luminance circuit

Use a colour bar pattern and adjust the monitor normally. Connect an oscilloscope to pin 15 of IC502 and adjust S533 for minimum amplitude of the chrominance signal that is present on the various brightness steps of the luminance signal.

The subcarrier oscillator

Use a colour bar pattern and adjust the monitor normally. Connect point 11-IC501 to ground via a resistor of 470 Ω . Adjust C567 until the colour on the screen has practically come to a halt.

Remove the short-circuit.

The PAL delay line

Apply a generator signal.

Set the generator to position "DEM".

Adjust brightness and contrast for normal values and the saturation control to $^3/_4$ of its range. Adjust R569 until the venetian blinds effect in the 3rd bar

disappears.

Then adjust S560 until the venetian blinds effect in the 1st and 4th bar disappears.

Re-adjust R569.

Apply a colour bar pattern.

Adjust S569 until the venetian blinds effect in the 3rd and 5th bar disappears.

6) Focus adjustment

Adjust R732 for optimum focus.

ADJUSTING THE PICTURE

Remark:

The colour purity and convergence adjustments described hereafter need only be carried out if a completely new adjustment is called for or if a new picture tube has been fitted. Otherwise, for instance after replacing the deflection unit, it will not be necessary to remove the rubber wedges (G in Fig. 3). Corrections by means of the multi-pole unit will then suffice.

I. Colour purity, see Fig. 3

- 1. Loosen fixing screw "F" of the deflection unit a few turns.
- 2. Move the deflection unit and remove the three rubber wedges "G"
- 3 Slide the deflection unit forward as far as possible against the glass of the picture tube cone and turn on fixing screw "F" in such a manner that the deflection unit can be moved with some friction.
- 4. Place the multi-pole unit in the position drawn, turn on screw "A" and turn securing ring "B" anti-clockwise.
- 5. Let the apparatus face East or West and switch-on the
 - Supply a cross-hatch pattern and set brightness control to maximum. Allow for a warming-up time of 10 minutes
- 6. Adjust the static convergence, using tags "C" and "D" (if necessary, see point II).
- Turn R364 for the vertical centring to its mid-position. Switch-off the green and the blue gun by loosening the resistors R723 and R724.
- 8. By turning the colour purity rings with tags "E", the vertical red bar is adjusted nearest to the centre of the screen, whilst also the central horizontal line should be as straight as possible.
- 9. Supply a white pattern signal and check that the red bar is in the centre of the screen indeed. If not, switchon the cross-hatch pattern again and move the red bar in the right direction, taking care that the picture does not move too much in vertical direction.
- 10. Supply the white pattern signal and move the deflection unit until the whole picture surface is uniformly
- 11. Switch-on the green and the blue gun. No colour patches may occur in the white picture now obtained. In the attirmative, a minor connection can be made by slightly turning the colour purity rings "E" and/or slightly moving the deflection unit.

 12. Turn on screw "F" tightly.
- 13. Adjust the vertical centring with R364.
- 14. Proceed to the static and next the dynamic convergence adjustment.

II. Static convergence, see Fig. 3

1. Supply a cross-hatch pattern and allow for a warmingup time of 10 minutes

- 2. Switch-off the green gun by loosening resistor R723 and turn locking ring "B" anti-clockwise.
- 3. By turning the four-pole rings with tags "C", the red and blue cross-hatch patterns in the centre of the screen are placed on top of each other.
- 4. Switch-on the green gun with R723 and switch-off the blue gun by loosening resistor R724.
- 5. By turning the six-pole rings with tags "D" the red and green cross-hatch patterns in the centre of the screen are placed on top of each other.
- 6. Switch-on the blue gun again and tighten ring "B"

III. Dynamic convergence

Remark:

The dynamic convergence is achieved by vertical and horizontal tilting of the deflection unit. To secure the right position of the deflection unit, three rubber wedges are fitted between the glass of the picture tube cone and the deflection unit, as shown in Figs. 4d or 5d. Two wedge thicknesses are available, one 7 mm thick, code 4822 462 40356, the other 11 mm thick, code 4822 462 40357.

- 1. First check the colour purity and the static convergence.
- 2. Supply a cross-hatch pattern and switch-off the green
- gun by loosening resistor R723.

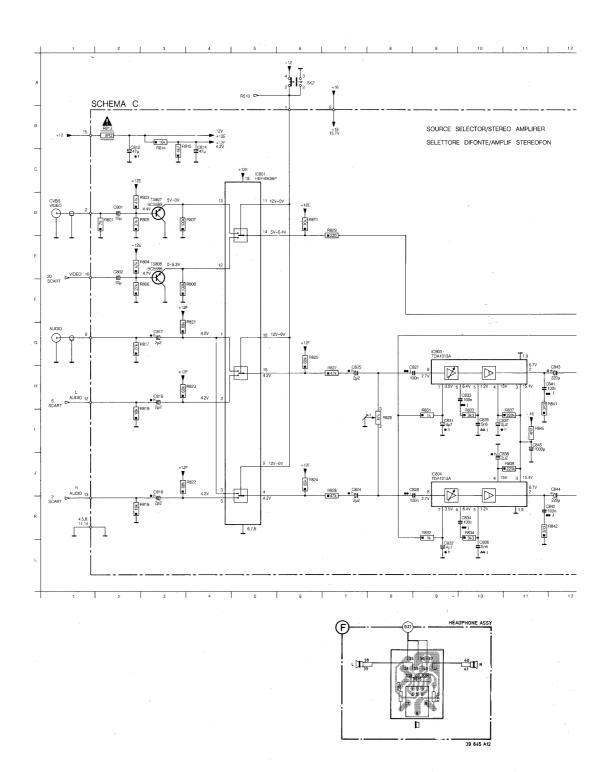
 3. Eliminate the crossing of the central horizontal blue and red line and the crossing of the central vertical blue and red line, by vertical tilting of the deflection unit. If the position of the deflection unit is correct, then place rubber wedge (1), paper strip not removed, at the top (Fig. 4a) or at the bottom (Fig. 5a).
- Fig. 4a is applicable if the deflection unit is tilted upwards and Fig. 5a if the unit is tilted downwards.

 4. By horizontal tilting of the deflection unit, now both the
- horizontal blue and red lines in the upper and lower halves of the picture and the vertical blue and red lines on the left and right hand side of the picture are placed on top of the other.

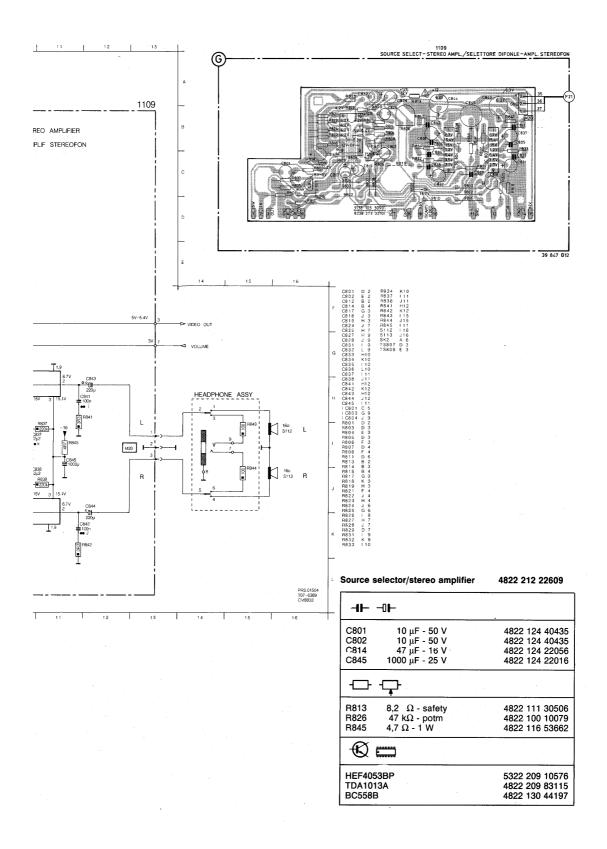
If the position of the deflection is correct, then place the wedges (2) and (3) with paper strips

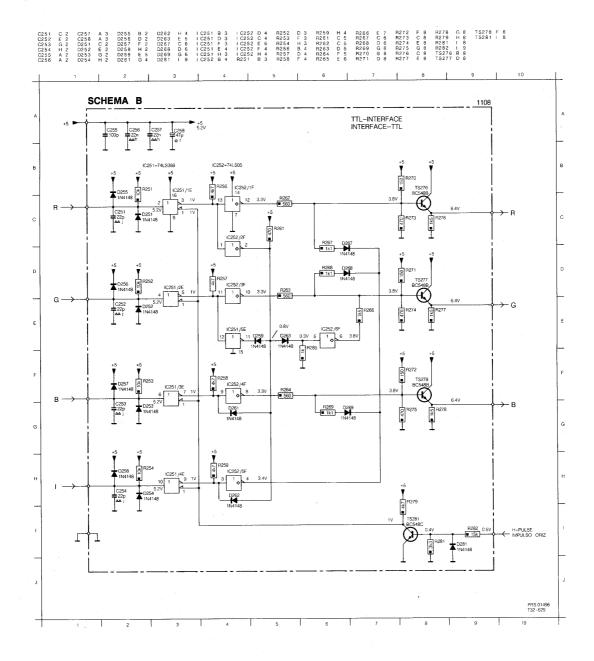
removed, as shown in Fig. 4b or 5b. Firmly press the adhesive sides of these wigs against the glass of the

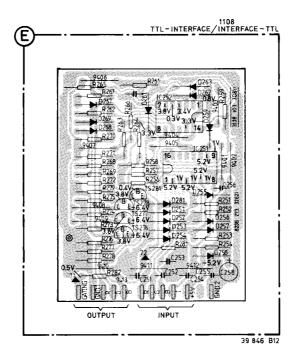
- 5. Now place wedge (4) as shown in Fig. 4c or 5c and press on the adhesive side firmly.
- 6. Remove wedge 1 , so that the situation according to Fig. 4d or 5d occurs.
- 7. Switch-on the green gun.



CS 4 648







TTL-RGBI-interface

4822 212 22593

-1⊢ -0 ⊢	
C255 100pF - 50V	4822 122 32833
€ → •••••••••••••••••••••••••••••••••••	
IN4148 BC548B BC548C 74LS368AN 74LS05	4822 130 30621 4822 130 40937 4822 130 44196 4822 209 81433 5322 209 84994

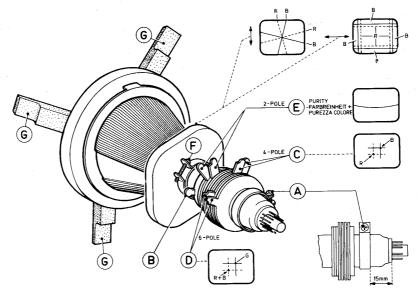
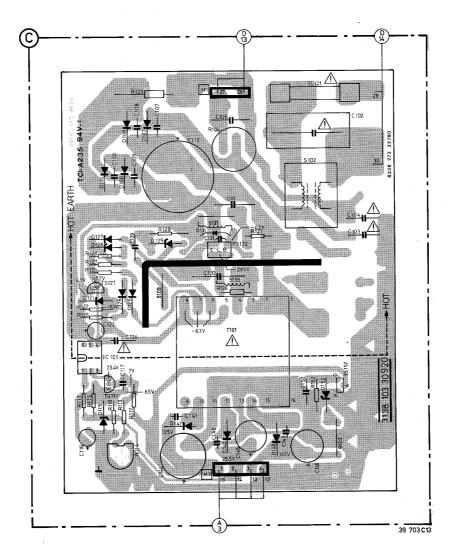
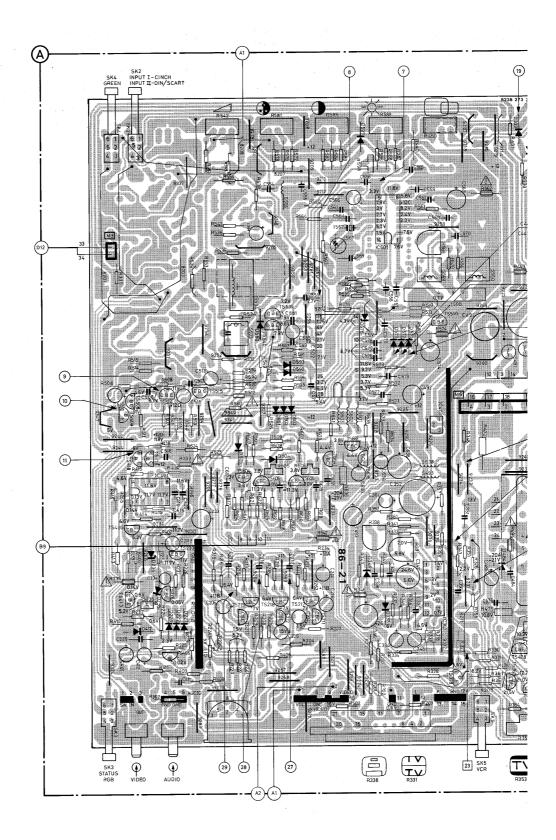
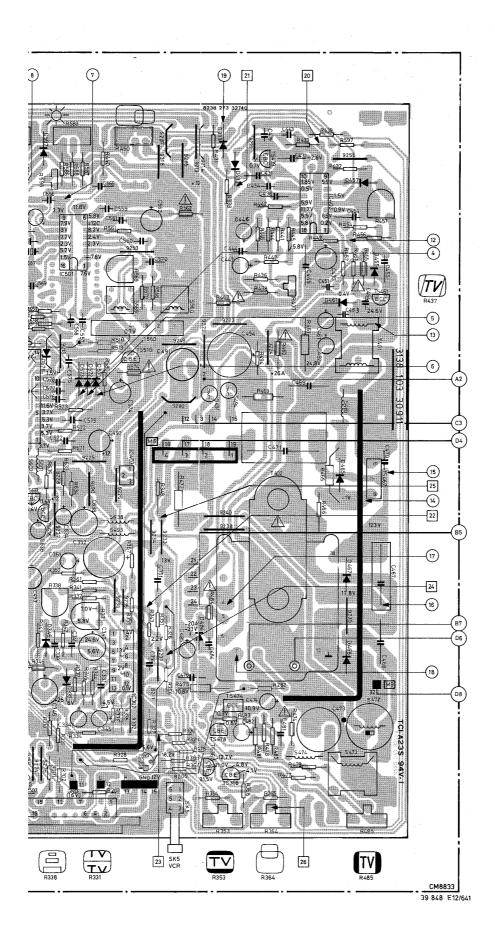
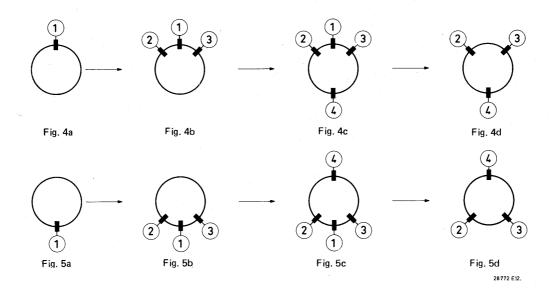


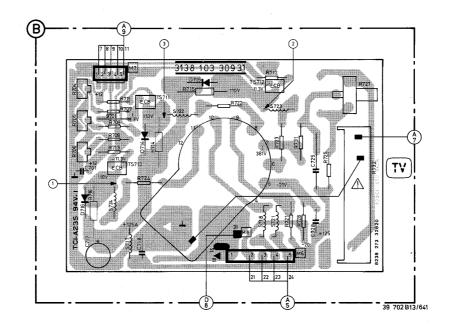
Fig. 3

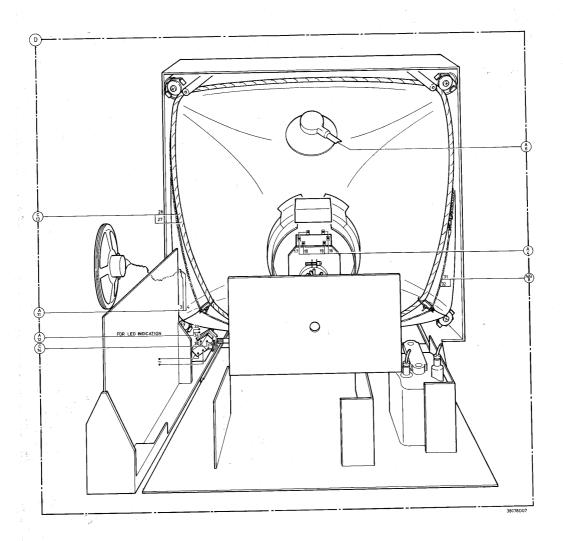












(68)
Safety regulations require that the set be restored to its original condition and that parts which are identical with those specified be used.

Veiligheidsbepalingen vereisen, dat het apparaat in zijn oorspronkelijke toestand wordt teruggebracht en dat onderdelen, identiek aan de gespecificeerde worden toegepast.

D
Bei jeder Reparatur sind die geltenden Sicherheitsvorschriften zu beachten. Der Originalzustand des Geräts darf nicht verändert werden, für Reparaturen sind Original-Ersatzteile zu verwenden.

1

Le norme di sicurezza esigono che l'apparecchio venga rimesso nelle condizioni originali e che siano utilizzati pezzi di ricambiago identici a quelli specificati.

Les normes de sécurité exigent que l'appareil soit remis à l'état d'origine et que soient utilisées les pièces de rechange identiques à celles spécifiées.

Power	supply
-------	--------

4822 212 22597

rower supply		
⊣⊢ -1⊢		
C102 C103 C104 C105 C107 C108 C109 C110 C111 C112 C124 C132 C141 C142 C143 C144	1 μF- 250 V 2,2 nF-400 V 2,2 nF-400 V 1,5 nF-400 V 2,2 nF- 1 kV 2,2 nF- 1 kV 2,2 nF- 1 kV 2,2 nF- 1 kV 100 nF-400 V 15 nF-400 V 2,2 nF- 1 kV 220 pF-500 V 220 pF-500 V 220 pF-500 V 47 μF-200 V	5322 121 44212 4822 122 32576 4822 122 32576 4822 122 32124 4822 122 40348 4822 122 40348 4822 122 40348 4822 121 41862 4822 121 41862 4822 121 42021 4822 121 50966 4822 122 32575 4822 122 32575 4822 122 32575 4822 124 41281
	 	
R103 R104 R114 R121	4,7 Ω - 7 W Dual PTC 1 k Ω - potm 1 M Ω - VR37	4822 113 80358 4822 116 40079 4822 100 10037 4822 110 42192
T101 S102 S131 S136 1131	Power transformer 500-1000 μH	4822 142 60381 4822 157 52228 4822 157 52233 4822 242 71344 4822 156 21359
→ →	⊢ ®	
IN5061 BZX79-C6V2 IN4148 BZX79-C9V1 BZX79-C2V4 RGP15K RGP10D RGP15D BZX79-C18 CNX62 BC547C BC337-40 BUT11A BT151-500		4822 130 31933 4822 130 34167 4822 130 30621 4822 130 30862 4822 130 31253 4822 130 31253 4822 130 31607 5322 130 31971 4822 130 31024 4822 130 90121 4822 130 44503 4822 130 44503 4822 130 42087 5322 130 24081
Various		
Bracket Power switch Spring for fu Fuse		4822 404 30816 4822 276 11504 4822 492 60063 4822 253 30025

CRT assy 4822 212 22596

-11-	-0 ⊦ -					
C717 C718		4,7 μF 10 nF	- 200 V - 500 V			22023 42191
R704 R705 R706 R714 R715 R716 R721 R722 R723 R724 R725 R727 R728 R731		470 Ω 470 Ω 470 Ω 330 kΩ		4822 4822 4822 4822 4822 4822 4822 4822	2 100 2 100 2 116 2 116 2 116 2 116 2 111 2 111 2 111 2 111 2 111 2 116	10236 10236 10236 60241 60241 52493 90802 90802 90802 90801 10869 52399 52399
R732		59 ΜΩ	- potm	4822	101	20821
S717 S718 S721 S722 S723 S724	4	8,2 μH 10 μH 10 μH 4,7 μH 4,7 μH 4,7 μH		4822 4822 4822 4822	157 157 157 157	52261 52233 52233 52232 52232 52232
→	\bigcirc					
BAV21 BF869						30842 41773
Variou	s					
CRT-so 5 pole n 5 pole p Focus o	nicro plug olug			4822 4822	267 265	70217 40594 30376 40794

Led assy

2 pole micro connector	4822 267 30636
CQW11B (green)	4822 130 42242
Garring (groom)	4022 100 42242

Headphone assy

Headphone jack	4822 267 30758
3 pole connector	4822 267 40679

Chassis

⊣⊢	-0⊩ -	
C345	10 μF- 50 V	4822 124 40435
C347	100 μF- 35 V	5322 124 21362
C412	10 μF- 25 V	4822 124 22058
C419	3,9 nF- 50 V	4822 122 32012
C420	180 pF- 50 V	4822 122 40385 5322 124 21362
C433 C434	100 μF- 35 V 10 nF- 50 V	4822 122 30043
C444	10 nF- 50 V	4822 122 30043
C445	4,7 nF- 63 V	4822 121 50539
C446	1 μF- 50 V	4822 124 22051
C467	8,2 nF-1,5 kV	4822 121 40249
C468	22 nF-400 V	4822 122 20237
C470	470 pF- 2 kV	4822 122 40427
C471	470 nF-250 V	4822 121 42464
C473	4,7 μF- 50 V	4822 124 90034 4822 124 22051
C482 C484	1 μF- 50 V 470 pF-400 V	4822 122 32577
C485	22 μF- 35 V	4822 124 40434
C492	100 μF- 35 V	5322 124 21362
C494	47 μF-200 V	4822 124 41281
C508	12 pF-50 V	4822 122 40383
C510	22 μF-35 V	4822 124 40434
C512	47 μF-16 V	4822 124 22056
C544	22 μF-35 V	4822 124 40434
C560	10 nF-50 V	4822 122 30043 4822 125 50088
C567 C634	27 pF-trimmer 22 μF- 35 V	4822 124 40434
C636	22 μF- 35 V	4822 124 40434
C638	100 μF- 35 V	4822 124 22057
	-	
	17.0	
R232	4,7 Ω - safety	4822 111 30499
R235	15 Ω - safety	4822 111 30513
	15 Ω - safety 47 k Ω - potm-vert, hold	
R235 R331	15 Ω - safety	4822 111 30513 4822 100 10079
R235 R331 R338 R346 R353	$\begin{array}{ll} 15 & \Omega \text{ - safety} \\ 47 & k\Omega \text{ - potm-vert. hold} \\ 100 & k\Omega \text{ - potm-vert. lin} \\ 4,7 & \Omega \text{ - NFR30} \\ 220 & \Omega \text{ - potm-vert size} \\ \end{array}$	4822 111 30513 4822 100 10079 4822 100 10052 4822 116 52448 4822 100 10915
R235 R331 R338 R346 R353 R364	$\begin{array}{lll} 15 & \Omega \text{ - safety} \\ 47 & \text{k}\Omega \text{ - potm-vert. hold} \\ 100 & \text{k}\Omega \text{ - potm-vert. lin} \\ 4,7 & \Omega \text{ - NFR30} \\ 220 & \Omega \text{ - potm-vert size} \\ 10 & \text{k}\Omega \text{ - potm-vert shift} \\ \end{array}$	4822 111 30513 4822 100 10079 4822 100 10052 4822 116 52448 4822 100 10915 4822 101 10547
R235 R331 R338 R346 R353 R364 R437	$\begin{array}{lll} 15 & \Omega \text{ - safety} \\ 47 & \text{k}\Omega \text{ - potm-vert. hold} \\ 100 & \text{k}\Omega \text{ - potm-vert. lin} \\ 4,7 & \Omega \text{ - NFR30} \\ 220 & \Omega \text{ - potm-vert size} \\ 10 & \text{k}\Omega \text{ - potm-vert shift} \\ 22 & \text{k}\Omega \text{ - potm-hor. hold} \\ \end{array}$	4822 111 30513 4822 100 10079 4822 100 10052 4822 116 52448 4822 100 10915 4822 101 10547 5322 101 44041
R235 R331 R338 R346 R353 R364 R437 R443	15 Ω - safety 47 k Ω - potm-vert. hold 100 k Ω - potm-vert. lin 4,7 Ω - NFR30 220 Ω - potm-vert size 10 k Ω - potm-vert shift 22 k Ω - potm-hor. hold 8,2 Ω - safety	4822 111 30513 4822 100 10079 4822 100 10052 4822 116 52448 4822 100 10915 4822 101 10547 5322 101 44041 4822 111 30506
R235 R331 R338 R346 R353 R364 R437 R443 R450	15 Ω - safety 47 k Ω - potm-vert. hold 100 k Ω - potm-vert. lin 4,7 Ω - NFR30 220 Ω - potm-vert size 10 k Ω - potm-vert shift 22 k Ω - potm-hor. hold 8,2 Ω - safety 10 k Ω - potm-hor. shift	4822 111 30513 4822 100 10079 4822 100 10052 4822 116 52448 4822 100 10915 4822 101 10547 5322 101 44041 4822 111 30506 4822 100 20546
R235 R331 R338 R346 R353 R364 R437 R443	15 Ω - safety 47 $k\Omega$ - potm-vert. hold 100 $k\Omega$ - potm-vert. lin 4,7 Ω - NFR30 220 Ω - potm-vert size 10 $k\Omega$ - potm-vert shift 22 $k\Omega$ - potm-hor. hold 8,2 Ω - safety 10 $k\Omega$ - potm-hor. shift 100 Ω - safety	4822 111 30513 4822 100 10079 4822 100 10052 4822 116 52448 4822 100 10915 4822 101 10547 5322 101 44041 4822 111 30506
R235 R331 R338 R346 R353 R364 R437 R443 R450 R455	15 Ω - safety 47 k Ω - potm-vert. hold 100 k Ω - potm-vert. lin 4,7 Ω - NFR30 220 Ω - potm-vert size 10 k Ω - potm-vert shift 22 k Ω - potm-hor. hold 8,2 Ω - safety 10 k Ω - potm-hor. shift	4822 111 30513 4822 100 10079 4822 100 10052 4822 116 52448 4822 100 10915 4822 101 10547 5322 101 44041 4822 111 30506 4822 111 30535
R235 R331 R338 R346 R353 R364 R437 R443 R4450 R455 R457 R461 R462	15 Ω - safety 47 k Ω - potm-vert. hold 100 k Ω - potm-vert. lin 4,7 Ω - NFR30 220 Ω - potm-vert shift 22 k Ω - potm-hor. hold 8,2 Ω - safety 10 k Ω - potm-hor. shift 100 Ω - safety 22 k Ω - potm 1 k Ω - 2 W 8,2 Ω - safety	4822 111 30513 4822 100 10079 4822 100 10052 4822 116 52448 4822 100 10915 4822 101 10547 5322 101 44041 4822 111 30506 4822 100 20546 4822 101 30535 4822 100 10051 4822 116 60239 4822 111 30506
R235 R331 R338 R346 R353 R364 R437 R443 R450 R455 R457 R461 R462 R465	15 Ω - safety 47 $k\Omega$ - potm-vert. hold 100 $k\Omega$ - potm-vert. lin 4,7 Ω - NFR30 220 Ω - potm-vert shift 22 $k\Omega$ - potm-hor. hold 8,2 Ω - safety 10 $k\Omega$ - potm-hor. shift 100 Ω - safety 22 $k\Omega$ - potm 1 $k\Omega$ - 2 W 8,2 Ω - safety 3,3 Ω - 2 W	4822 111 30513 4822 100 10079 4822 100 10052 4822 116 52448 4822 100 10915 4822 101 10547 5322 101 4041 4822 111 30506 4822 110 20546 4822 111 30535 4822 110 10051 4822 116 60239 4822 116 60231
R235 R331 R338 R346 R353 R364 R437 R443 R450 R455 R457 R461 R462 R465 R469	15 Ω - safety 47 k Ω - potm-vert. hold 100 k Ω - potm-vert. lin 4,7 Ω - NFR30 220 Ω - potm-vert size 10 k Ω - potm-hor. hold 8,2 Ω - safety 10 k Ω - potm-hor. shift 100 Ω - safety 22 k Ω - potm 1 k Ω - 2 W 8,2 Ω - safety 3,3 Ω - 2 W 12 Ω - 5 W	4822 111 30513 4822 100 10079 4822 100 10052 4822 116 52448 4822 100 10915 4822 101 10547 5322 101 44041 4822 101 30506 4822 100 20546 4822 111 30554 4822 111 30505 4822 116 60239 4822 116 60239 4822 116 60231 4822 116 60231
R335 R331 R338 R346 R353 R364 R437 R443 R455 R457 R461 R462 R465 R469 R472	15 Ω - safety 47 k Ω - potm-vert. hold 100 k Ω - potm-vert lin 4,7 Ω - NFR30 220 Ω - potm-vert size 10 k Ω - potm-hor. hold 8,2 Ω - safety 10 k Ω - potm-hor. shift 100 Ω - safety 22 k Ω - potm 1 k Ω - 2 W 8,2 Ω - safety 3,3 Ω - 2 W 12 Ω - 5 W 1 k Ω - 2 W	4822 111 30513 4822 100 10079 4822 100 10052 4822 116 52448 4822 101 10547 5322 101 44041 4822 111 30506 4822 100 20546 4822 111 30535 4822 116 60239 4822 116 60239 4822 116 60231 4822 116 60231 4822 116 60231
R235 R331 R338 R346 R353 R364 R437 R443 R455 R457 R461 R462 R462 R469 R472 R474	15 Ω - safety 47 kΩ - potm-vert. hold 100 kΩ - potm-vert. lin 4,7 Ω - NFR30 220 Ω - potm-vert shift 22 kΩ - potm-hor. hold 8,2 Ω - safety 10 kΩ - potm-hor. shift 100 Ω - safety 22 kΩ - potm 1 kΩ - 2 W 8,2 Ω - safety 3,3 Ω - 2 W 12 Ω - 5 W 1 kΩ - 2 W 5,6 Ω - safety	4822 111 30513 4822 100 10079 4822 100 10052 4822 116 52448 4822 100 10915 4822 101 10547 5322 101 44041 4822 101 30506 4822 100 20546 4822 111 30554 4822 111 30505 4822 116 60239 4822 116 60239 4822 116 60231 4822 116 60231
R335 R331 R338 R346 R353 R364 R437 R443 R455 R457 R461 R462 R465 R469 R472	15 Ω - safety 47 k Ω - potm-vert. hold 100 k Ω - potm-vert. lin 4,7 Ω - NFR30 220 Ω - potm-vert size 10 k Ω - potm-hor. hold 8,2 Ω - safety 10 k Ω - potm-hor. shift 100 Ω - safety 22 k Ω - potm 1 k Ω - 2 W 8,2 Ω - safety 3,3 Ω - 2 W 12 Ω - 5 W 1 k Ω - 2 W 5,6 Ω - safety 3,3 Ω - 2 W 5,7 S S S S S S S S S S S S S S S S S S S	4822 111 30513 4822 100 10079 4822 100 10052 4822 116 52448 4822 100 10915 4822 101 10547 5322 101 44041 4822 111 30506 4822 100 20546 4822 111 30535 4822 111 30505 4822 111 30506 4822 116 60231 4822 116 60231 4822 116 60231 4822 116 60231 4822 116 60237 4822 117 30506
R235 R331 R338 R346 R353 R364 R447 R450 R455 R457 R461 R462 R465 R469 R472 R474 R475	15 Ω - safety 47 kΩ - potm-vert. hold 100 kΩ - potm-vert. lin 4,7 Ω - NFR30 220 Ω - potm-vert shift 22 kΩ - potm-hor. hold 8,2 Ω - safety 10 kΩ - potm-hor. shift 100 Ω - safety 22 kΩ - potm 1 kΩ - 2 W 8,2 Ω - safety 3,3 Ω - 2 W 12 Ω - 5 W 1 kΩ - 2 W 5,6 Ω - safety	4822 111 30513 4822 100 10079 4822 100 10052 4822 116 52448 4822 100 10915 4822 101 10547 5322 101 44041 4822 111 30506 4822 110 20546 4822 111 30535 4822 100 10051 4822 116 60239 4822 111 30506 4822 116 60231 4822 116 60231 4822 116 60239 4822 116 60239 4822 116 60239 4822 116 60239
R235 R331 R346 R346 R353 R3647 R443 R450 R457 R461 R462 R465 R465 R469 R472 R474 R474 R474 R474 R474	15 Ω - safety 47 kΩ - potm-vert. hold 100 kΩ - potm-vert. lin 4,7 Ω - NFR30 220 Ω - potm-vert shift 22 kΩ - potm-hor. hold 8,2 Ω - safety 10 kΩ - potm-hor. shift 100 Ω - safety 22 kΩ - potm 1 kΩ - 2 W 8,2 Ω - safety 3,3 Ω - 2 W 12 Ω - 5 W 1 kΩ - 2 W 5,6 Ω - safety 3,3 kΩ - 1 W 1,5 Ω - safety 10 kΩ - potm-hor. size 8,2 Ω - safety	4822 111 30513 4822 100 10079 4822 100 10079 4822 116 52448 4822 100 10915 4822 101 10547 5322 101 44041 4822 101 30506 4822 100 20546 4822 111 30535 4822 110 10051 4822 116 60239 4822 116 60239 4822 116 60239 4822 116 60239 4822 116 60239 4822 116 60239 4822 116 50633 4822 111 30502 4822 116 53663 4822 116 53663 4822 111 30487
R235 R331 R346 R353 R364 R453 R450 R455 R457 R461 R465 R465 R469 R472 R474 R475 R484 R475 R484 R475 R484 R475	15 Ω - safety 47 kΩ - potm-vert. hold 100 kΩ - potm-vert. lin 4,7 Ω - NFR30 220 Ω - potm-vert size 10 kΩ - potm-hor. hold 8,2 Ω - safety 10 kΩ - potm-hor. shift 100 Ω - safety 22 kΩ - potm 1 kΩ - 2 W 8,2 Ω - safety 3,3 Ω - 2 W 12 Ω - 5 W 1 kΩ - 2 W 5,6 Ω - safety 3,3 kΩ - 1 W 1,5 Ω - safety 10 kΩ - potm-hor. size 8,2 Ω - safety 10 kΩ - potm-hor. size 8,2 Ω - safety 10 kΩ - potm-volume	4822 111 30513 4822 100 10079 4822 100 10079 4822 116 52448 4822 101 10915 4822 101 10547 5322 101 44041 4822 111 30506 4822 111 30506 4822 111 30506 4822 111 30506 4822 111 30506 4822 116 60239 4822 116 60231 4822 116 60231 4822 116 60239 4822 116 60231 4822 111 30506 4822 111 30506 4822 111 30506
R235 R331 R346 R346 R353 R3464 R457 R443 R450 R457 R461 R462 R462 R465 R472 R474 R475 R484 R485 R562	15 Ω - safety 47 kΩ - potm-vert. hold 100 kΩ - potm-vert. lin 4,7 Ω - NFR30 220 Ω - potm-vert size 10 kΩ - potm-hor. hold 8,2 Ω - safety 10 kΩ - potm-hor. shift 100 Ω - safety 22 kΩ - potm 1 kΩ - 2 W 8,2 Ω - safety 3,3 Ω - 2 W 12 Ω - 5 W 1 kΩ - 2 W 5,6 Ω - safety 3,3 kΩ - 1 W 1,5 Ω - safety 10 kΩ - potm-hor. size 8,2 Ω - safety 10 kΩ - potm-hor. size 8,2 Ω - safety 10 kΩ - potm-volume 4,7 Ω - safety	4822 111 30513 4822 100 10079 4822 100 10079 4822 100 10915 4822 116 52448 4822 101 10547 5322 101 44041 4822 111 30506 4822 100 20546 4822 110 30535 4822 116 60239 4822 116 60239 4822 116 60239 4822 116 60239 4822 116 60239 4822 116 53663 4822 116 53663 4822 111 30502 4822 116 53663 4822 111 30502 4822 110 20506 4822 111 30506 4822 111 30506 4822 111 30506 4822 111 30506 4822 111 30506
R235 R331 R336 R346 R353 R364 R457 R443 R450 R455 R457 R461 R462 R469 R472 R474 R474 R475 R484 R485 R512 R562 R569	15 Ω - safety 47 k Ω - potm-vert. hold 100 k Ω - potm-vert. lin 4,7 Ω - NFR30 220 Ω - potm-vert shift 22 k Ω - potm-hor. hold 8,2 Ω - safety 10 k Ω - potm-hor. shift 100 Ω - safety 22 k Ω - potm 1 k Ω - 2 W 8,2 Ω - safety 3,3 Ω - 2 W 12 Ω - 5 W 1 k Ω - 2 W 5,6 Ω - safety 3,3 k Ω - 1 W 1,5 Ω - safety 10 k Ω - potm-hor. size 8,2 Ω - safety 10 k Ω - potm-hor. size 8,2 Ω - safety 10 k Ω - potm-volume 4,7 Ω - safety 20 Ω - potm	4822 111 30513 4822 100 10079 4822 100 10079 4822 100 10052 4822 116 52448 4822 101 10547 5322 101 44041 4822 111 30506 4822 100 20546 4822 110 20546 4822 116 60239 4822 116 60239 4822 116 60231 4822 116 60239 4822 116 60239 4822 116 60239 4822 116 30506 4822 116 30506 4822 116 30506 4822 111 30506
R235 R331 R336 R346 R353 R364 R457 R450 R455 R455 R461 R462 R465 R472 R474 R475 R475 R474 R475 R485 R512 R542 R569 R574	15 Ω - safety 47 kΩ - potm-vert. hold 100 kΩ - potm-vert. lin 4,7 Ω - NFR30 220 Ω - potm-vert size 10 kΩ - potm-hor. hold 8,2 Ω - safety 10 kΩ - potm-hor. shift 100 Ω - safety 22 kΩ - potm 1 kΩ - 2 W 8,2 Ω - safety 3,3 Ω - 2 W 12 Ω - 5 W 1 kΩ - 2 W 5,6 Ω - safety 3,3 kΩ - 1 W 1,5 Ω - safety 10 kΩ - potm-hor. size 8,2 Ω - safety 10 kΩ - potm-hor. size 8,2 Ω - safety 10 kΩ - potm-volume 4,7 Ω - safety 20 Ω - potm	4822 111 30513 4822 100 10079 4822 100 10079 4822 116 52448 4822 101 19915 4822 101 10547 5322 101 44041 4822 111 30506 4822 110 20546 4822 111 30535 4822 110 10051 4822 116 60239 4822 116 60231 4822 116 60231 4822 116 60231 4822 116 60239 4822 116 60239 4822 116 60239 4822 111 30506 4822 116 60239 4822 111 30506 4822 111 30506 4822 111 30506 4822 101 20546 4822 101 20546 4822 101 20546 4822 101 10019 4822 111 30499
R235 R331 R336 R346 R353 R364 R457 R443 R450 R455 R457 R461 R462 R469 R472 R474 R474 R475 R484 R485 R512 R562 R569	15 Ω - safety 47 kΩ - potm-vert. hold 100 kΩ - potm-vert. lin 4,7 Ω - NFR30 220 Ω - potm-vert size 10 kΩ - potm-hor. hold 8,2 Ω - safety 10 kΩ - potm-hor. shift 100 Ω - safety 22 kΩ - potm 1 kΩ - 2 W 8,2 Ω - safety 3,3 Ω - 2 W 12 Ω - 5 W 14 kΩ - 2 W 5,6 Ω - safety 3,3 kΩ - 1 W 1,5 Ω - safety 10 kΩ - potm-hor. size 8,2 Ω - safety 10 kΩ - potm-hor. size 8,2 Ω - safety 10 kΩ - potm-volume 4,7 Ω - safety 200 Ω - potm	4822 111 30513 4822 100 10079 4822 100 10079 4822 100 10052 4822 116 52448 4822 101 10547 5322 101 44041 4822 111 30506 4822 100 20546 4822 110 20546 4822 116 60239 4822 116 60239 4822 116 60231 4822 116 60239 4822 116 60239 4822 116 60239 4822 116 30506 4822 116 30506 4822 116 30506 4822 111 30506
R235 R331 R346 R346 R353 R3647 R443 R450 R457 R461 R465 R472 R465 R472 R475 R484 R475 R484 R475 R484 R475 R562 R562 R562 R569 R574 R581	15 Ω - safety 47 kΩ - potm-vert. hold 100 kΩ - potm-vert. lin 4,7 Ω - NFR30 220 Ω - potm-vert size 10 kΩ - potm-hor. hold 8,2 Ω - safety 10 kΩ - potm-hor. shift 100 Ω - safety 22 kΩ - potm 1 kΩ - 2 W 8,2 Ω - safety 3,3 Ω - 2 W 12 Ω - 5 W 1 kΩ - 2 W 5,6 Ω - safety 3,3 kΩ - 1 W 1,5 Ω - safety 10 kΩ - potm-hor. size 8,2 Ω - safety 10 kΩ - potm-hor. size 8,2 Ω - safety 10 kΩ - potm-volume 4,7 Ω - safety 20 Ω - potm	4822 111 30513 4822 100 10079 4822 100 10079 4822 116 52448 4822 101 10547 5322 101 14041 4822 101 30506 4822 100 20546 4822 101 30505 4822 101 0051 4822 111 30506 4822 116 60239 4822 116 60231 4822 113 80378 4822 116 50239 4822 116 53663 4822 111 30506 4822 111 30497 4822 111 30497 4822 111 30499 4822 111 30499 4822 111 30499 4822 110 10019
R235 R331 R346 R346 R353 R364 R457 R443 R450 R457 R461 R462 R469 R472 R474 R474 R474 R474 R485 R569 R569 R574 R581 R585	15 Ω - safety 47 kΩ - potm-vert. hold 100 kΩ - potm-vert. lin 4,7 Ω - NFR30 220 Ω - potm-vert size 10 kΩ - potm-hor. hold 8,2 Ω - safety 10 kΩ - potm-hor. shift 100 Ω - safety 22 kΩ - potm 1 kΩ - 2 W 8,2 Ω - safety 3,3 Ω - 2 W 12 Ω - 5 W 14 kΩ - 2 W 5,6 Ω - safety 3,3 kΩ - 1 W 1,5 Ω - safety 10 kΩ - potm-hor. size 8,2 Ω - safety 10 kΩ - potm-hor. size 8,2 Ω - safety 10 kΩ - potm-volume 4,7 Ω - safety 10 kΩ - potm-tolour 10 kΩ - potm-colour 10 kΩ - potm-colour 10 kΩ - potm-colour 10 kΩ - potm-colour 10 kΩ - potm-brightness 10 kΩ - potm-sub.	4822 111 30513 4822 100 10079 4822 100 10079 4822 116 52448 4822 101 19915 4822 101 10547 5322 101 44041 4822 111 30506 4822 111 30506 4822 111 30506 4822 116 60239 4822 116 60231 4822 116 60231 4822 116 60231 4822 116 60231 4822 111 30506 4822 111 30506 4822 111 30506 4822 111 30487 4822 111 30487 4822 111 30487 4822 101 10547 4822 111 30499 4822 100 20546 4822 100 20548 4822 100 20548 4822 100 20548
R235 R331 R346 R346 R353 R3647 R443 R450 R457 R461 R465 R472 R474 R475 R484 R475 R562 R562 R562 R569 R578 R589 R589	15 Ω - safety 47 kΩ - potm-vert. hold 100 kΩ - potm-vert. lin 4,7 Ω - NFR30 220 Ω - potm-vert shift 22 kΩ - potm-hor. hold 8,2 Ω - safety 10 kΩ - potm-hor. shift 100 Ω - safety 22 kΩ - potm 1 kΩ - 2 W 8,2 Ω - safety 3,3 Ω - 2 W 12 Ω - 5 W 1 kΩ - 2 W 5,6 Ω - safety 3,3 kΩ - 1 W 1,5 Ω - safety 10 kΩ - potm-hor. size 8,2 Ω - safety 10 kΩ - potm-volume 4,7 Ω - safety 200 Ω - potm 4,7 Ω - safety 10 kΩ - potm-volume 4,7 Ω - safety 10 kΩ - potm-volume	4822 111 30513 4822 100 10079 4822 100 10079 4822 100 10915 4822 116 52448 4822 101 10547 5322 101 44041 4822 111 30506 4822 100 20546 4822 110 30505 4822 110 10051 4822 111 30506 4822 116 60239 4822 116 60239 4822 116 60239 4822 116 50239 4822 111 30506 4822 113 80378 4822 111 30506 4822 111 30506
R235 R331 R336 R346 R353 R364 R457 R443 R450 R457 R461 R462 R469 R472 R474 R474 R475 R562 R569 R574 R562 R569 R574 R585 R589 R598	15 Ω - safety 47 kΩ - potm-vert. hold 100 kΩ - potm-vert. lin 4,7 Ω - NFR30 220 Ω - potm-vert shift 22 kΩ - potm-hor. hold 8,2 Ω - safety 10 kΩ - potm-hor. shift 100 Ω - safety 22 kΩ - potm 1 kΩ - 2 W 8,2 Ω - safety 3,3 Ω - 2 W 12 Ω - 5 W 1 kΩ - 2 W 5,6 Ω - safety 3,3 kΩ - 1 W 1,5 Ω - safety 10 kΩ - potm-hor. size 8,2 Ω - safety 10 kΩ - potm-volume 4,7 Ω - safety 10 kΩ - potm-volume	4822 111 30513 4822 100 10079 4822 100 10079 4822 116 52448 4822 101 10547 5322 101 44041 4822 111 30506 4822 101 20546 4822 101 10051 4822 111 30506 4822 111 30506 4822 116 60239 4822 116 60239 4822 116 60231 4822 116 60231 4822 116 60239 4822 116 53663 4822 111 30506 4822 111 30502 4822 111 30497 4822 111 30499 4822 100 10019 4822 100 20548 4822 100 20548 4822 100 20548 4822 100 20548
R235 R331 R336 R346 R353 R364 R457 R443 R450 R455 R461 R462 R465 R472 R474 R474 R474 R474 R485 R512 R569 R574 R589 R589 R598	15 Ω - safety 47 kΩ - potm-vert. hold 100 kΩ - potm-vert. lin 4,7 Ω - NFR30 220 Ω - potm-vert size 10 kΩ - potm-hor. hold 8,2 Ω - safety 10 kΩ - potm-hor. shift 100 Ω - safety 22 kΩ - potm 1 kΩ - 2 W 8,2 Ω - safety 3,3 Ω - 2 W 12 Ω - 5 W 14 kΩ - 2 W 5,6 Ω - safety 3,3 kΩ - 1 W 1,5 Ω - safety 10 kΩ - potm-hor. size 8,2 Ω - safety 10 kΩ - potm-colour 4,7 Ω - safety 10 kΩ - potm-colour 10 kΩ - potm-colour	4822 111 30513 4822 100 10079 4822 100 10079 4822 116 52448 4822 100 10915 4822 101 10547 5322 101 44041 4822 111 30506 4822 110 30536 4822 111 30535 4822 111 30536 4822 111 30536 4822 111 30536 4822 116 60231 4822 116 60231 4822 116 60231 4822 116 53663 4822 116 53663 4822 111 30506 4822 111 30506 4822 111 30499 4822 101 10547 4822 111 30499 4822 100 20546 4822 100 20546 4822 100 20548 4822 100 20548 4822 100 20548 4822 100 20548 4822 100 20548 4822 100 20548 4822 100 10024 4822 100 10021
R235 R331 R346 R346 R353 R3464 R457 R443 R450 R457 R461 R465 R472 R465 R472 R475 R484 R475 R562 R562 R562 R564 R585 R585 R585 R586 R586 R586 R586 R586	15 Ω - safety 47 kΩ - potm-vert. hold 100 kΩ - potm-vert. lin 4,7 Ω - NFR30 220 Ω - potm-vert size 10 kΩ - potm-hor. hold 8,2 Ω - safety 10 kΩ - potm-hor. shift 100 Ω - safety 22 kΩ - potm 1 kΩ - 2 W 8,2 Ω - safety 3,3 Ω - 2 W 12 Ω - 5 W 14 kΩ - 2 W 5,6 Ω - safety 3,3 kΩ - 1 W 1,5 Ω - safety 10 kΩ - potm-hor. size 8,2 Ω - safety 10 kΩ - potm-hor. size 8,2 Ω - safety 10 kΩ - potm-colour 4,7 Ω - safety 10 kΩ - potm-colour 10 kΩ - potm-colour	4822 111 30513 4822 100 10079 4822 100 10079 4822 116 52448 4822 100 10915 4822 101 10547 5322 101 44041 4822 101 30506 4822 101 30506 4822 111 30506 4822 111 30506 4822 111 30506 4822 111 30506 4822 111 30506 4822 111 30506 4822 111 30506 4822 111 30506 4822 111 30506 4822 111 30506 4822 111 30506 4822 111 30506 4822 111 30506 4822 111 30506 4822 111 30497 4822 111 30497 4822 111 30499 4822 100 10019 4822 100 20548 4822 100 20548 4822 100 20548 4822 100 20548 4822 100 10024 4822 100 10021 4822 100 10021 4822 100 10021 4822 100 10021 4822 100 10021 4822 100 10021
R235 R331 R338 R346 R353 R364 R457 R443 R450 R455 R461 R462 R465 R472 R474 R474 R474 R474 R485 R512 R562 R569 R574 R585 R589 R588 R598	15 Ω - safety 47 kΩ - potm-vert. hold 100 kΩ - potm-vert. lin 4,7 Ω - NFR30 220 Ω - potm-vert size 10 kΩ - potm-hor. hold 8,2 Ω - safety 10 kΩ - potm-hor. shift 100 Ω - safety 22 kΩ - potm 1 kΩ - 2 W 8,2 Ω - safety 3,3 Ω - 2 W 12 Ω - 5 W 1 kΩ - 2 W 5,6 Ω - safety 3,3 kΩ - 1 W 1,5 Ω - safety 10 kΩ - potm-hor. size 8,2 Ω - safety 10 kΩ - potm-volume 4,7 Ω - safety 10 kΩ - potm-volume	4822 111 30513 4822 100 10079 4822 100 10079 4822 116 52448 4822 100 10915 4822 101 10547 5322 101 44041 4822 111 30506 4822 110 30536 4822 111 30535 4822 111 30536 4822 111 30536 4822 111 30536 4822 116 60231 4822 116 60231 4822 116 60231 4822 116 53663 4822 116 53663 4822 111 30506 4822 111 30506 4822 111 30499 4822 101 10547 4822 111 30499 4822 100 20546 4822 100 20546 4822 100 20548 4822 100 20548 4822 100 20548 4822 100 20548 4822 100 20548 4822 100 20548 4822 100 10024 4822 100 10021
R235 R331 R346 R346 R353 R3464 R457 R443 R450 R457 R461 R462 R462 R469 R472 R474 R475 R484 R485 R512 R569 R578 R589 R598	15 Ω - safety 47 kΩ - potm-vert. hold 100 kΩ - potm-vert. lin 4,7 Ω - NFR30 220 Ω - potm-vert size 10 kΩ - potm-hor. hold 8,2 Ω - safety 10 kΩ - potm-hor. shift 100 Ω - safety 22 kΩ - potm 1 kΩ - 2 W 8,2 Ω - safety 3,3 Ω - 2 W 12 Ω - 5 W 1 kΩ - 2 W 5,6 Ω - safety 3,3 kΩ - 1 W 1,5 Ω - safety 10 kΩ - potm-hor. size 8,2 Ω - safety 10 kΩ - potm-volume 4,7 Ω - safety 20 Ω - potm 4,7 Ω - safety 10 kΩ - potm-volume 4,7 Ω - safety 10 kΩ - potm-volume	4822 111 30513 4822 100 10079 4822 100 10079 4822 116 52448 4822 100 10915 4822 101 10547 5322 101 44041 4822 111 30506 4822 101 30535 4822 101 10051 4822 116 60239 4822 111 30506 4822 116 60239 4822 116 60239 4822 116 60239 4822 116 60239 4822 111 30506 4822 111 30506 4822 111 30506 4822 111 30502 4822 111 30487 4822 111 30487 4822 101 10547 4822 101 10547 4822 111 30499 4822 101 20548 4822 100 20548 4822 100 20548 4822 100 20548 4822 100 20548 4822 100 20548 4822 100 10021 4822 100 10021 4822 100 10021 4822 100 10021 4822 100 10021 4822 100 10021 4822 100 10021 4822 100 10021 4822 116 52918

T401	Hor. driver transformer	
T402	L.O.T.	4822 140 10275
S465		4822 152 20587
S472		4822 157 52236
S473		4822 157 52235
S474		4822 157 52237
S491		4822 157 52234
S493		4822 157 52231
S494		4822 157 52234
S533	4,43 MHz	4822 156 70064
S534	Delay line 330nS	4822 157 51056
S555		4822 156 21351
S560		4822 156 70063
S569		4822 156 70063
S601		4822 156 21349
S602		4822 156 21349
S603		4822 156 21349
S638		4822 157 52231
<i>∞</i>		
	→ →	
IN4148		4822 130 30621
IN4003		4822 130 31878
BZX79-B6V2		4822 130 34167
BAV21		4822 130 30842
RGP10D		
		4822 130 31607
BY448		5322 130 31559
BY448 BYV95C		5322 130 31559 4822 130 41487
BY448 BYV95C RGP10G		5322 130 31559 4822 130 41487 4822 130 31201
BY448 BYV95C RGP10G BZX79-C2V4		5322 130 31559 4822 130 41487 4822 130 31201 4822 130 31253
BY448 BYV95C RGP10G BZX79-C2V4 BC548B		5322 130 31559 4822 130 41487 4822 130 31201 4822 130 31253 4822 130 40937
BY448 BYV95C RGP10G BZX79-C2V4 BC548B BC328		5322 130 31559 4822 130 41487 4822 130 31201 4822 130 31253 4822 130 40937 4822 130 44104
BY448 BYV95C RGP10G BZX79-C2V4 BC548B BC328 BD226		5322 130 31559 4822 130 41487 4822 130 31201 4822 130 31253 4822 130 40937 4822 130 44104 5322 130 44244
BY448 BYV95C RGP10G BZX79-C2V4 BC548B BC328 BD226 BC558B		5322 130 31559 4822 130 41487 4822 130 31201 4822 130 31253 4822 130 40937 4822 130 44104 5322 130 44244 4822 130 44197
BY448 BYV95C RGP10G BZX79-C2V4 BC548B BC328 BD226 BC558B BC548C		5322 130 31559 4822 130 41487 4822 130 31201 4822 130 31253 4822 130 44937 4822 130 44104 5322 130 44194 4822 130 44196
BY448 BYV95C RGP10G BZX79-C2V4 BC548B BC328 BD226 BC558B BC558B BC548C BC639		5322 130 31559 4822 130 41487 4822 130 31201 4822 130 31253 4822 130 40937 4822 130 44104 5322 130 44244 4822 130 44197 4822 130 44196 4822 130 41053
BY448 BYV95C RGP10G BZX79-C2V4 BC548B BC328 BD226 BC558B BC558B BC548C BC639 BU508A		5322 130 31559 4822 130 31201 4822 130 31201 4822 130 31253 4822 130 40937 4822 130 44104 5322 130 44104 4822 130 44197 4822 130 44196 4822 130 41053 4822 130 42164
BY448 BYV95C RGP10G BZX79-C2V4 BC548B BC328 BD226 BC558B BC548C BC639 BU508A BD826		5322 130 31559 4822 130 41487 4822 130 31201 4822 130 31253 4822 130 44937 4822 130 44104 5322 130 44197 4822 130 44196 4822 130 44196 4822 130 42164 4822 130 42164 4822 130 42174
BY448 BYV95C RGP10G BZX79-C2V4 BC548B BC328 BD226 BC558B BC548C BC639 BU508A BD826 PH2369		5322 130 31559 4822 130 41487 4822 130 31201 4822 130 31253 4822 130 44937 4822 130 44104 5322 130 44197 4822 130 44196 4822 130 41053 4822 130 41053 4822 130 41054 4822 130 41774 4822 130 41774 4822 130 41594
BY448 BYV95C RGP10G BZX79-C2V4 BC548B BC328 BD226 BC558B BC548C BC639 BU508A BD826 PH2369 BC638		5322 130 31559 4822 130 41487 4822 130 31201 4822 130 31253 4822 130 44937 4822 130 44104 5322 130 44194 4822 130 44196 4822 130 42164 4822 130 42164 4822 130 41754 4822 130 41754 4822 130 41754 4822 130 41594
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