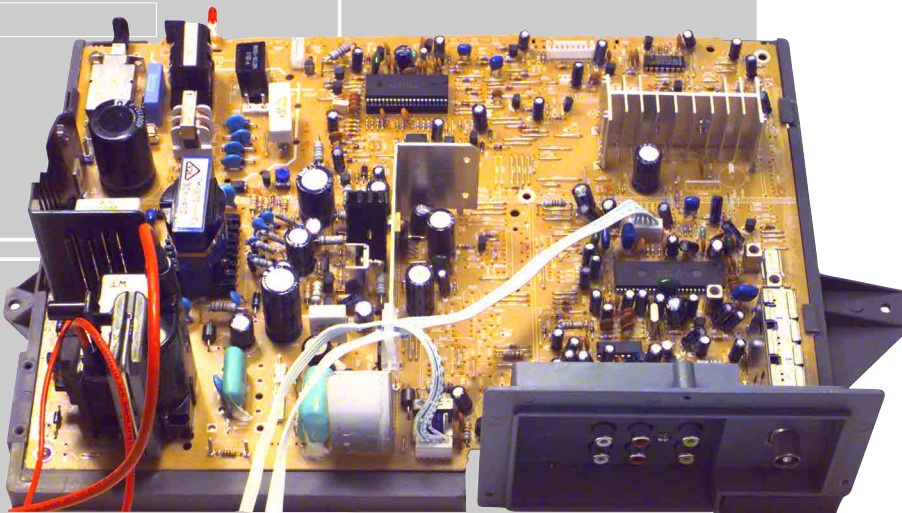




ARCANCE 37
P 37-5211

GBA6600

ARCANCE 55
T 55-5211

GBA6500

ARCANCE 55 FLAT
TF 55-5211

GBA6400

ARCANCE 72 FLAT
TF 72-5211

GBA6300

Zusätzlich erforderliche Unterlagen für den Komplettservice
Additionally required Service Documents for the Complete Service

**Service
Manual**

**Sicherheit
Safety**

Materialnr./Part No.
720108000000

Materialnummer/Part Number 720100447000

Änderungen vorbehalten/Subject to alteration

H-S 45 0802

<http://www.grundig.com>

Es gelten die Vorschriften und Sicherheitshinweise gemäß dem Service Manual "Sicherheit", Materialnummer 720108000000, sowie zusätzlich die eventuell abweichenden, landesspezifischen Vorschriften!



The regulations and safety instructions shall be valid as provided by the "Safety" Service Manual, part number 720108000000, as well as the respective national deviations.

D

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Allgemeiner Teil

Allgemeine Hinweise

Wegen Veränderung des Schwerpunktes beim Abnehmen der Rückwand bzw. Ausbau des Chassis oder Entfernen eines eventuell vorhandenen Standfußes ist das Gerät gegen Kippen zu sichern.

Vor dem Öffnen des Gehäuses zuerst den Netzstecker ziehen!

GB

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General Section

General Notes

Because of the change of the centre of gravity when removing the rear panel, the chassis or an existing stand, it is necessary to protect the set from tipping.

Before opening the cabinet disconnect the mains plug!

Sicherheits-Hinweise

Die in den Fernsehgeräten auftretende Röntgenstrahlung entspricht den Bestimmungen der Physikalisch-Technischen Bundesanstalt vom 8. Januar 1987.

Die Hochspannung für die Bildröhre und die damit auftretende Röntgenstrahlung ist abhängig von der exakten Einstellung der Netzteilspannung +B.

Nach jeder Reparatur im Netzteil oder in der Horizontalablenkung ist die Hochspannung zu messen und ggf. einzustellen.

Schutzschaltungen im Gerät dürfen nur kurzzeitig außer Betrieb gesetzt werden, um Folgeschäden am Chassis oder an der Bildröhre zu vermeiden.

Safety Advices

The X-radiation developing in the sets conforms to the X-radiation Regulations (January 8, 1987), issued by the Physikalisch-Technische Bundesanstalt (federal physiochemical institution).

The high tension for the picture tube and thus the developing X-radiation depends on the precise adjustment of the +B power supply. After every repair of the power supply unit or the horizontal deflection stage it is imperative that the EHT for the picture tube is checked and re-adjusted if necessary.

To avoid consequential damages to the chassis or the picture tube the integrated protective circuits are allowed to be put out of operation only for a short time.

D

Service-Hinweise

Leitungsverlegung

Bevor Sie die Chassis-Verbindungsleitungen lösen, muss die Leitungsverlegung zu den einzelnen Baugruppen wie Netzschalterplatte, Bedieneinheit, Bildrohrplatte, Ablenkeinheit oder Lautsprecher beachtet werden.

Nach erfolgter Reparatur ist es notwendig, die Leitungsführung wieder in den werkseitigen Zustand zu versetzen, um eventuell spätere Ausfälle oder Störungen zu vermeiden.

Netzkabel

Diese Geräte dürfen nur mit dem Original-Netzanschlusskabel mit integrierter Entstördrossel betrieben werden. Dieses Netzkabel verhindert Störungen aus dem Netz und ist Bestandteil der Gerätezulassung. Im Ersatzfall bestellen Sie bitte ausschließlich das Netzkabel laut Ersatzteilliste.

GB

Service Notes

Wiring

Before disconnecting the chassis connecting leads observe the way they are routed to the individual assemblies like the mains switch panel, keyboard control panel, picture tube panel, deflection unit or loudspeaker.

On completion of the repairs the leads must be laid out as originally fitted at the factory to avoid later failures or disturbances.

Mains Cable

The TV receiver must only be operated with an original mains connecting cable with an interference suppressor choke integrated in the mains plug. This mains cable prevents interference from the mains supply and is part of the product approval. For replacement please order exclusively the mains connecting cable specified in the spare parts list.

F

Information pour la maintenance

Câblage

Avant de défaire les connecteurs du châssis principal, il y a lieu de repérer auparavant les liaisons correspondant à chaque platine comme par exemple le C.I. Inter secteur, le C.I. Commande, le C.I. Tube, le bloc déviation ou les haut-parleurs.

A la fin de l'intervention, les connexions doivent être remises dans leur position d'origine afin d'éviter par après d'éventuelles défaillances ou perturbations.

Cable dereseau

Ces appareils ne peuvent être utilisés qu'avec un câble de connexion original de réseau avec bobine antiparasite intégré dans la fiche de secteur. Ce câble de réseau empêche des perturbations de réseau et est partie de l'autorisation d'appareil. Si nécessaire commandez uniquement le câble de réseau selon la liste de pièces détachées.

I

Nota di servizio

Positionamento dei cavi

Prima di sfilare i cavi di collegamento col telaio è necessario osservare la disposizione originaria degli stessi verso le singole parti come la piastra alimentazione, l'unità comandi, la piastra cinescopio, il giogo o l'altoparlante.

Dopo la riparazione è necessario che gli ancoraggi e le guide garantiscano la disposizione dei cavi analogamente a quella data in fabbrica e ciò per evitare disturbi o danni nel tempo.

Cavo rete

Gli apparecchi devono essere messi in funzione solo con il cavo originale il collegamento di rete e la sua spina di rete deve essere munita di una bobina d'induttanza. In causa di sostituzione ordinate solo il cavo di alimentatore che corrisponde alla lista degli accessori.

E

Nota de servicio

Cableado

Antes de desconectar las conexiones del Chassis hay que observar la dirección de dichas conexiones a los distintos grupos de construcción como la placa de conmutación de red, unidad de control, placa del zócalo del tubo de imagen, unidad de deflexión o altavoces.

Después de haber realizado la reparación y para evitar fallos o perturbaciones posteriores es necesario reponer las conexiones tal como fueron instaladas originalmente en fábrica.

Cable de red

El aparato solo se puede usar con el cable de red original con choque antiparásito integrado en el enchufe de red. Este cable de red evita perturbaciones de la red y es parte de la autorización del aparato. En caso necesario puede pedir el cable de red según lista de piezas de repuestos.

Modulübersicht / Module List

	Materialnummer Part Number	ARCANCE 37 P 37-5211	ARCANCE 55 T 55-5211	ARCANCE 55 FLAT TF 55-5211	ARCANCE 72 FLAT TF 72-5211
Bestell-Nr. Order No.		GBA6600	GBA6500	GBA6400	GBA6300
VST Tuner	759550594900	●	●	●	●
Bildrohrplatte CRT Panel	PB80002	●	-	-	-
	PB80001	-	●	●	-
	PB40037	-	-	-	●
Keyboard	PFA0003	●	-	-	-
	PX60011A	-	●	-	-
	PX60012A	-	-	●	-
	PX40014A	-	-	-	●
AV-Platte AV Board	PYA0006	●	-	-	-
	PX60011B	-	●	-	-
	PX60012B	-	-	●	-
	PX40014B	-	-	-	●
IRR/LED-Platte IRR/LED Board	PX60012C	-	-	●	-
TP 741 C	759550590700	●	●	●	●

Technische Daten / Technical Data

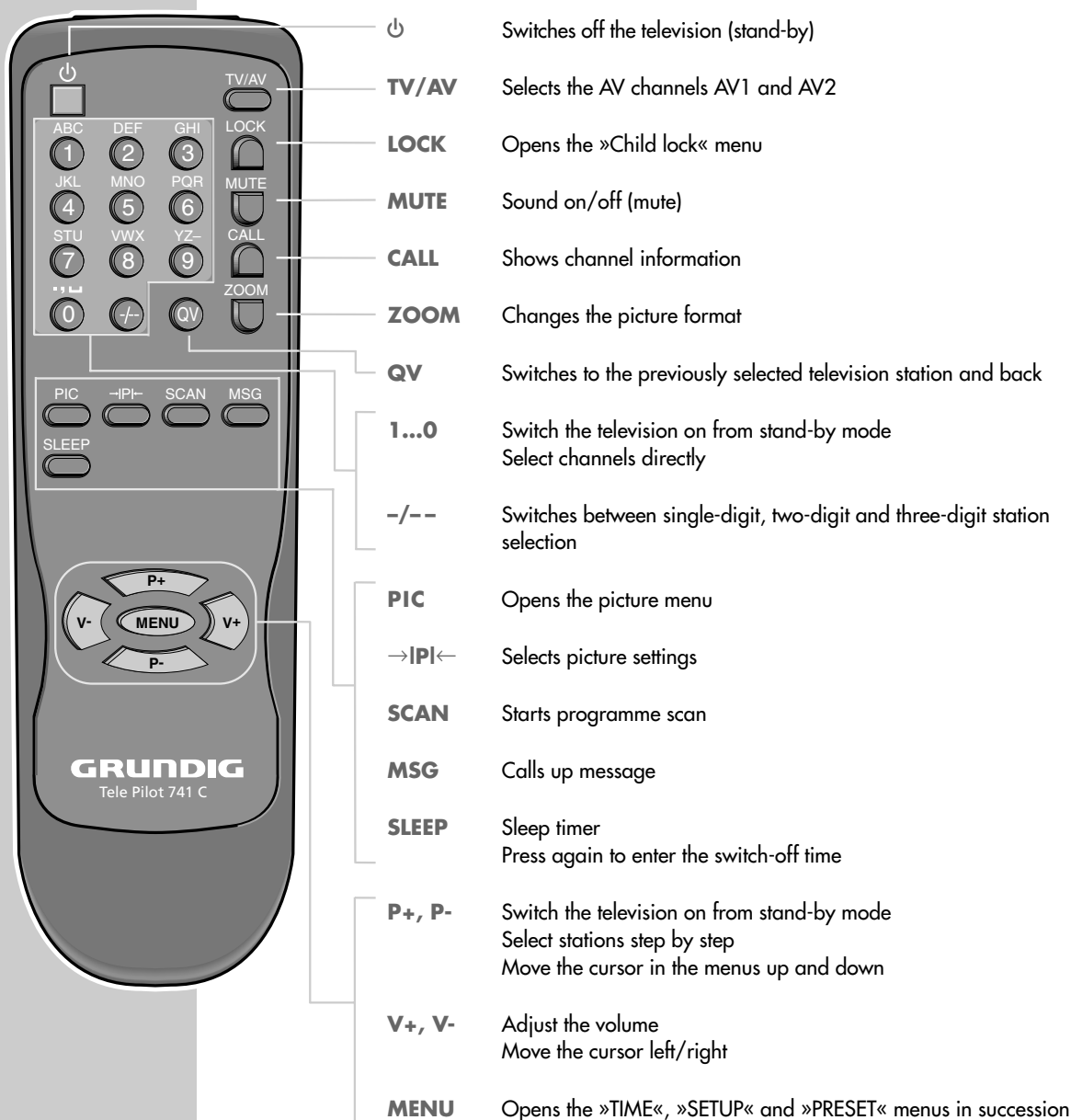
	ARCANCE 37 P 37-5211	ARCANCE 55 T 55-5211	ARCANCE 55 FLAT TF 55-5211	ARCANCE 72 FLAT TF 72-5211
Bildröhre / Picture Tube				
Sichtbares Bild Visible picture	34cm	48cm	48cm	68cm
Bildröhre CRT	37cm (14"), Black Matrix Beijing Panasonic	55cm (21"), Black Matrix Beijing Panasonic	55cm (21"), Black Matrix Samsung	72cm (29"), Black Matrix Samsung
Ablenkwinkel Deflection angle	90°	90°	90°	110°
Bildwechselfrequenz Vertical frequency	50Hz	50Hz	50Hz	50Hz
Elektronik / Electronic				
Programmspeicherplätze Programme positions	130 TV + 2 AV	130 TV + 2 AV	130 TV + 2 AV	130 TV + 2 AV
Tuner	VST Voltage Synthesizer Tuning UHF/VHF	VST Voltage Synthesizer Tuning UHF/VHF	VST Voltage Synthesizer Tuning UHF/VHF	VST Voltage Synthesizer Tuning UHF/VHF
TV-Standard	B/G, I, D/K/K'	B/G, I, D/K/K'	B/G, I, D/K/K'	B/G, I, D/K/K'
Farbsysteme Color systems	PAL, SECAM, NTSC via AV: 3.58MHz + 4.43MHz	PAL, SECAM, NTSC via AV: 3.58MHz + 4.43MHz	PAL, SECAM, NTSC via AV: 3.58MHz + 4.43MHz	PAL, SECAM, NTSC via AV: 3.58MHz + 4.43MHz
Musikleistung Music power	5W Mono, via AV Stereo	5W Mono, via AV Stereo	5W Mono, via AV Stereo	5W Mono, via AV Stereo
Anschlüsse an der Seite / Connections on the Side				
Cinch AV	3 X Cinch (Video in, 2 X Audio in)	3 X Cinch (Video in, 2 X Audio in)	3 X Cinch (Video in, 2 X Audio in)	3 X Cinch (Video in, 2 X Audio in)
Anschlüsse Rückwand / Connections Rear Panel				
Cinch AV	6 X Cinch (Video in/out, 2 X Audio in/out)	6 X Cinch (Video in/out, 2 X Audio in/out)	6 X Cinch (Video in/out, 2 X Audio in/out)	6 X Cinch (Video in/out, 2 X Audio in/out)
Antennenbuchse Antenna socket	Koaxialbuchse (DIN 45325) Coaxial socket (DIN 45325)	Koaxialbuchse (DIN 45325) Coaxial socket (DIN 45325)	Koaxialbuchse (DIN 45325) Coaxial socket (DIN 45325)	Koaxialbuchse (DIN 45325) Coaxial socket (DIN 45325)
Leistungsaufnahme Power consumption	ca. 75W	ca. 100W	ca. 110W	ca. 160W
Standby	ca. 15W	ca. 15W	ca. 15W	ca. 15W

Operating Hints

This chapter contains excerpts from the operating instructions. For further particulars please refer to the appropriate user instructions the part number of which is indicated in the relevant spare parts list.

OVERVIEW

The remote control



SETTINGS

Automatic tuning (using the ATS search)

The television set is equipped with an automatic channel search system.

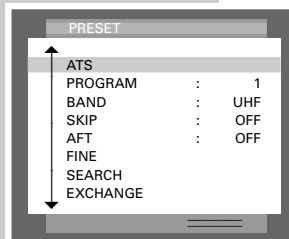
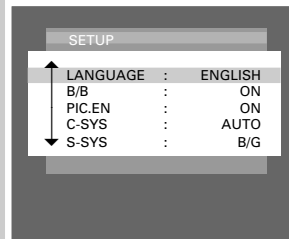
Channels 0-129 are provided, to which you can assign television stations from the antenna or from the cable connection.

- 1 Switch on the television by pressing the »**I**« button on the television set.

Note:

When you switch the television on, the word "MESSAGE" automatically appears. You can change this text, see page 10.

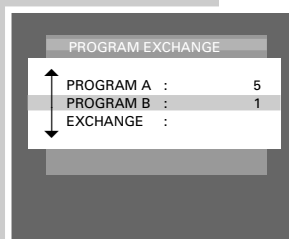
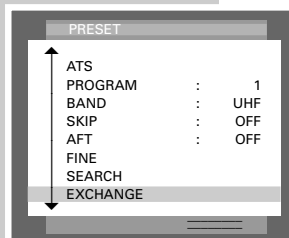
- 2 Select the »SETUP« menu by pressing »**MENU**« twice.
- 3 Press »**V-**« or »**V+**« to select the language.
 - The »LANGUAGE« line is already selected.
- 4 Open the »PRESET« menu by pressing »**MENU**« and then press »**V-**« or »**V+**« to start the station search.
 - The automatic search may last a minute or longer, depending on the number of television stations received.
 - After the search the television switches to channel 1.



Sorting television channels

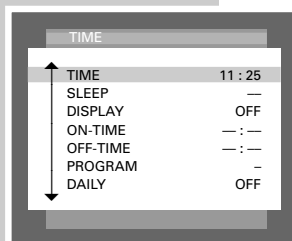
If the same station was stored more than once during the automatic search or if you want to move certain stations to different channel numbers you can do this in the »EXCHANGE« menu.

- 1 Select the television station to move to a different channel number by pressing »**P+**«, »**P-**« or »**0...9**«.
- 2 Open the »PRESET« menu by pressing »**MENU**« three times.
- 3 Select »EXCHANGE« by pressing »**P+**« and then press »**V-**« or »**V+**« to open the »PROGRAM EXCHANGE« menu.
- 4 Select »PROGRAM B« by pressing »**P-**« and enter the channel position using »**1...0**«.
- 5 Select »EXCHANGE« by pressing »**P-**« and then press »**V-**« or »**V+**« to swap the stations.
- 6 Press »**MENU**« again to finish the setting.



SETTINGS

Entering the time

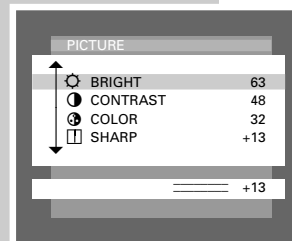


- 1 Open the »TIME« menu by pressing »MENU«.
– »TIME« is already selected.
- 2 Enter the time using »V-« (hours) and »V+« (minutes).
- 3 Press »MENU« again to finish the setting.

Note:

The time remains stored as long as the television is in operation or stand-by. If you switch off the television with the mains switch, you must repeat this setting when you switch it on again.

Setting the brightness, colour, contrast and sharpness



- 1 Select the »PICTURE« menu by pressing »P/C«.
- 2 Select »BRIGHT«, »CONTRAST«, »COLOR« or »SHARP« by pressing »P-« or »P+«.
- 3 Set the level you require by pressing »V-« or »V+«.
- 4 Press »P/C« again to finish the setting.

Selecting picture settings

You can choose from among three standard picture settings and one custom setting.

- 1 Press »→|PI|←« repeatedly. The picture settings are selected in succession.

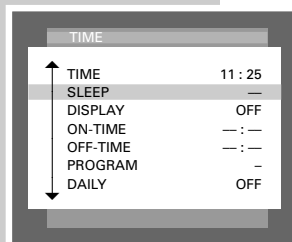
Note:

The »PERSONAL« setting contains the levels you select in the »PICTURE« menu.

CONVENIENCE FUNCTIONS

Entering the switch-off time

You can enter a switch-off time. After this time has elapsed, the television switches to stand-by mode.



- 1 Open the »TIME« menu by pressing »MENU«.
- 2 Select »SLEEP« by pressing »P-« or »P+«.
- 3 Enter the required time (in 10 or 30 minute intervals from 10 to 120 minutes) by pressing »V-« or »V+«.
- 4 Press »MENU« again to finish the setting.

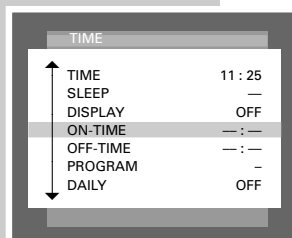
Note:

Press »CALL« to see the time remaining before the device switches off.

To deactivate the switch-off timer, repeat steps 1 and 3 and at step 2 press »V-« or »V+« to select the display »-«.

Timer function

You can enter a switch-on time or a switch-off time. After the set time has elapsed, the television switches on or switches to stand-by mode.



- 1 Open the »TIME« menu by pressing »MENU«.
- 2 Select »ON-TIME« by pressing »P-« or »P+« and then enter the switch-on time using »V-« (hours) and »V+« (minutes).
- 3 Select »OFF-TIME« by pressing »P-« or »P+« and then enter the switch-off time using »V-« (hours) and »V+« (minutes).
- 4 Select »PROGRAM« by pressing »P-« or »P+« and then enter the channel to be selected after switching on by pressing »V-«, »V+« or »1...0«.

Note:

To save the switch-on time and the switch-off time, select »ON« in the »DAILY« line by pressing »V-« or »V+«.

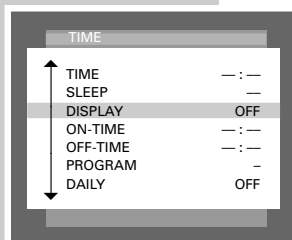
- 5 Press »MENU« again to finish the setting.

Note:

To deactivate the timer, repeat steps 1 and 3 and in steps 2 and 3 press »V-« or »V+« to select the display »-«.

CONVENIENCE FUNCTIONS

Displaying the clock and timer continuously



- 1 Open the »TIME« menu by pressing »MENU«.
- 2 Select »DISPLAY« by pressing »P-« or »P+« and then press »V-« or »V+« to select »ON«.
- 3 Press »MENU« again to finish the setting.

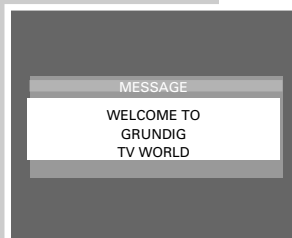
Programme scan – overview of the programmes currently showing

All channels are selected in succession. This gives you an overview of the programmes currently showing.

- 1 Press »SCAN« to select all the channels in succession.
- 2 Press »SCAN« to quit the function.

Entering a message

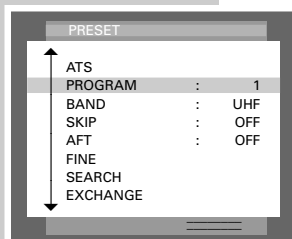
You can enter a message to appear on the screen when the television is switched on.



- 1 Open the »MESSAGE« menu by pressing »MSG«.
- 2 Press »P-« or »P+« to select the first line.
– You can enter up to 16 characters per line.
- 3 Select the characters by pressing »1...0« and move to the next character by pressing »V+«.
- 4 Press »MSG« to finish the entry.

Skipping channels

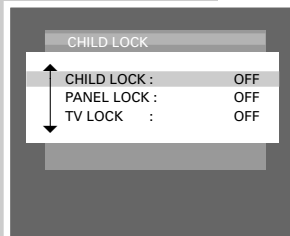
The channels you select are skipped when you press »P-« or »P+«.



- 1 Open the »PRESET« menu by pressing »MENU« three times.
- 2 Select »PROGRAM« by pressing »P-« and then press »1...0« to select the channel to be skipped.
- 3 Select »SKIP« by pressing »P-« and then press »V-« or »V+« to select »ON«.
- 4 Press »MENU« to finish the entry.

CHILD LOCK

Blocking individual channels

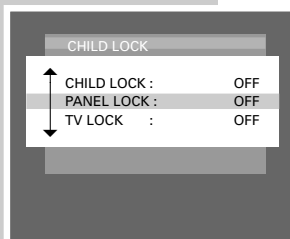


- 1 Press »P-«, »P+« or »1...0« to select the channel to be blocked.
- 2 Open the »CHILD LOCK« menu by pressing »LOCK« and holding it down for three seconds.
– CHILD LOCK is already selected.
- 3 Press »V-« or »V+« to select »ON«. The channel is now blocked.
- 4 Press »LOCK« again to finish the setting.

Note:

To unblock the channel, select it using »1...0« and repeat steps 2 to 4, selecting »OFF« during step 3.

Blocking operation on the device

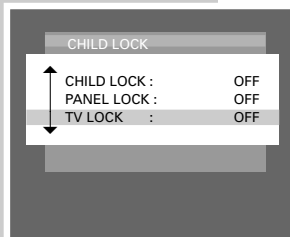


- 1 Open the »CHILD LOCK« menu by pressing »LOCK« and holding it down for three seconds.
- 2 Select »PANEL LOCK« by pressing »P-« or »P+«.
- 3 Press »V-« or »V+« to select »ON«. Operation on the device is now blocked.
- 4 Press »LOCK« again to finish the setting.

Note:

To reverse the block, repeat steps 1 to 4 and select »OFF« in step 3.

Blocking all functions



- 1 Open the »CHILD LOCK« menu by pressing »LOCK« and holding it down for three seconds.
- 2 Select »TV LOCK« by pressing »P-« or »P+«.
- 3 Press »V-« or »V+« to select »ON«. All channels are now blocked.
- 4 Press »LOCK« again to finish the setting.

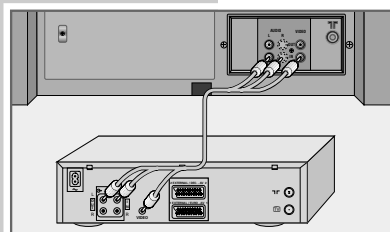
Note:

To reverse the block, repeat steps 1 and 4.

USING EXTERNAL DEVICES

Connecting a video recorder

Connecting a video recorder



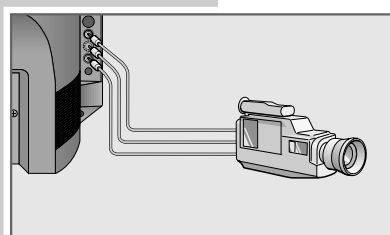
- 1 Connect the »**AUDIO IN**«/»**AUDIO OUT**« and »**VIDEO IN**«/»**VIDEO OUT**« sockets on the television and the corresponding sockets on the video recorder using a standard cinch cable.

Operation with a video recorder

- 1 Switch on the video recorder and select the function you wish to use.
- 2 Select the »**AV 1**« channel by pressing »**TV/AV**«.
– The video and audio information from the video recorder can now be seen and heard on the television set.

Camcorder

Connecting a camcorder



- 1 Connect the »**AUDIO**« and »**VIDEO**« sockets on the side of the device to the corresponding sockets on the camcorder using a standard cinch cable.

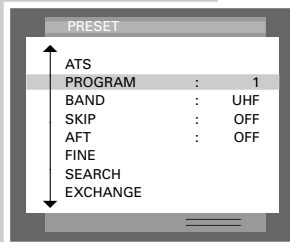
Using a camcorder

- 1 Switch on the camcorder and select the function you wish to use.
- 2 Select the »**AV2**« channel by pressing »**TV/AV**«.
– The video and audio information from the camcorder can now be seen and heard on the television set.

SPECIAL SETTINGS

Tuning TV stations

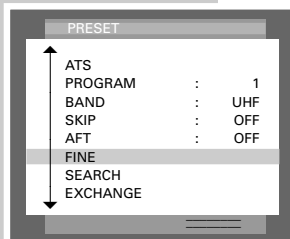
This setting is only necessary if a new station comes on air and you do not want to change the order of your channels.



- 1 Open the »PRESET« menu by pressing »MENU« three times.
- 2 Select »PROGRAM« by pressing »P-« and then press »V-« or »V+« to select the channel number.
- 3 Select »BAND« by pressing »P-« and then press »V-« or »V+« to select the frequency band.
- 4 Select »SEARCH« by pressing »P-« and then press »V-« or »V+« to start the search.

Note:

Repeat the search until the channel you want appears on the screen. The colour standard is automatically selected. For the audio standard, see the next section. Keep the »ON« setting for the »AFT« function, as this guarantees that the television is always tuned to the best picture.



- 5 Fine-tune the picture (if necessary) by selecting »FINE« using »P+« or »P-«, then press »V-« or »V+« to adjust the fine tuning.

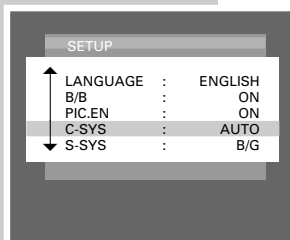
Note:

To tune in more television stations, repeat steps 2 to 4.

- 6 Press »MENU« to finish the setting.

Selecting the colour and audio standard

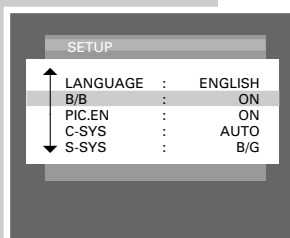
This setting is only necessary if the picture or sound is not correctly reproduced.



- 1 Select the »SETUP« menu by pressing »MENU« twice.
- 2 Select »C-SYS« (colour standard) or »S-SYS« (audio standard) by pressing »P-« or »P+«.
- 3 Select the required colour or audio standard by pressing »V-« or »V+«.
- 4 Press »MENU« twice to finish the setting.

Selecting the screen background

This setting switches to a blue screen when the picture is grainy.

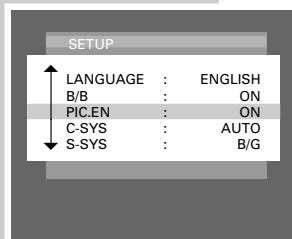


- 1 Select the »SETUP« menu by pressing »MENU« twice.
- 2 Select »B/B« by pressing »P-« or »P+« and then press »V-« or »V+« to select »ON«.
- 3 Press »MENU« twice to finish the setting.

SPECIAL SETTINGS

Switch off/on picture enhancement (Black stretch)

Enlargens the contrast range. The contrast is increased in the darker areas of the picture, depth and definition of the picture are improved.



- 1 Select the »SETUP« menu by pressing »MENU« twice.
- 2 Select »PIC.EN« by pressing »P-« or »P+« and then press »V-« or »V+« to select »OFF«.
- 3 Press »MENU« twice to finish the setting.

Service- und Sonderfunktionen

Aufruf des Service Mode:	TIME-Menü aufrufen mit Taste "MENU" -> Service Code "8500"
Aufruf der Dialogzeile:	Tasten "P+" oder "P-"
Einstellung in der Dialogzeile ändern :	Tasten "V+" oder "V-"
Beenden des Service Mode:	Taste "U" (Änderungen werden automatisch gespeichert.)

Menü 4

Das Service Menü 4 mit der Zifferntaste "4" aufrufen.

1. RF AGC

AGC-Abgleich siehe Abgleichpunkt 3 (Seite 2-1).

2. SHIPPING MODE

Stellt man den SHIPPING MODE auf "ON" werden folgende Einstellungen zurück gesetzt:

- | | |
|---|------------------|
| - Lautstärke-Pegel der Programme | -> "12" |
| - Bild-Einstellungen | -> "STANDARD" |
| - Colour system | -> "AUTO" mode |
| - Blauer Hintergrund | -> "ON" |
| - Search Speed | -> "1" |
| - ZOOM | -> "NORMAL" mode |
| - alle Programm-Sperren werden aufgehoben | |
| - auf Programm 1 | |

Nach Beendigung, wird der SHIPPING MODE automatisch auf "OFF" zurückgesetzt.

3. Suchlaufgeschwindigkeit "Search Speed"

Die Suchlaufgeschwindigkeit kann von "1" (langsam) bis "3" (schnell) eingestellt werden.

4. Sprachen "RUSSIAN", "FRANCE" und "ARABIC"

Die Einstellung "ON" der jeweiligen Sprache ermöglicht dass diese im TV-Menü "SETUP" ausgewählt werden kann.

Service and Special Functions

Call up the Service Menu:	Call up the TIME Menu with Button "MENU" -> Service Code "8500"
Call up the dialogue line:	Buttons "P+" or "P-"
Changing the setting in the dialogue line:	Buttons "V+" or "V-"
Exit menu:	"U" button (the changed settings are automatically saved).

Menu 4

Call up the Service Menu 4 with the numeric button "4".

1. RF AGC

For the AGC alignment, see Alignment Point 3 (page 2-3).

2. SHIPPING MODE

If the SHIPPING MODE function is set to "ON", the following settings are reset:

- | | |
|-------------------------------------|------------------|
| - Volume level of programmes | -> "12" |
| - Picture settings | -> "STANDARD" |
| - Colour system | -> "AUTO" mode |
| - Blue background | -> "ON" |
| - Search speed | -> "1" |
| - ZOOM | -> "NORMAL" mode |
| - All programme locks are cancelled | |
| - to programme 1 | |

When this completed, the SHIPPING MODE is automatically reset to "OFF".

3. Search Speed

It is possible to adjust the search speed from "1" (slow) to "3" (fast).

4. Languages "RUSSIAN", "FRANCE" and "ARABIC"

The setting "ON" for every language makes it possible to select the language concerned in the "SETUP" TV menu.

Abgleich

Abgleich in betriebswarmem Zustand ausführen (min. 15 Min.).

Alle nicht beschriebenen Einstellelemente sind werkseitig abgeglichen und dürfen im Servicefall nicht verstellt werden.

Service Mode aktivieren: Über Taste "MENU" -> Service Code "8500".

Service Mode deaktivieren: Standby-Taste "⏻" drücken.

Messgeräte: 100MHz-Oszilloskop mit Tastkopf 10:1, Digitalvoltmeter, Farbbildgenerator.

Servicearbeiten nach Austausch bzw. Reparatur:

- **Netzteil:** Abgleich 1
- **ZF:** Abgleich 2, 3
- **Bildröhre, Bildrohrplatte:** Abgleich 5...9
- **Ablenkung:** Abgleich 6, 7
- **N201 (ZF-/Video-/Chroma-IC), N102 (EEPROM):** Abgleich 2...5 und 7...9
- **Tuner:** Abgleich 2, 3

Abgleich	Vorbereitung	Abgleichvorgang										
1. +B Spannung	Nach jeder Reparatur und vor jedem Abgleich kontrollieren und gegebenenfalls einstellen. Helligkeit: Minimum Kontrast: Minimum Digitalvoltmeter: Kathode VD624	Spannung +B mit VR601 auf folgende Werte einstellen: <table><tr><th>Gerät</th><th>Spannungswert</th></tr><tr><td>P 37-5211</td><td>115V</td></tr><tr><td>T 55-5211</td><td>110V</td></tr><tr><td>TF 55-5211</td><td>115V</td></tr><tr><td>TF 72-5211</td><td>130V</td></tr></table>	Gerät	Spannungswert	P 37-5211	115V	T 55-5211	110V	TF 55-5211	115V	TF 72-5211	130V
Gerät	Spannungswert											
P 37-5211	115V											
T 55-5211	110V											
TF 55-5211	115V											
TF 72-5211	130V											
2. AFT	Farbbildgenerator: Testbild über Antenne einspeisen. Digitalvoltmeter: IC N201 / Pin 47	Mit L204 die Gleichspannung auf 3,4±0,1V einstellen.										
3. AGC	Service Mode aktivieren; Menü 4 anwählen (Taste " 4 "). Mit Taste P- oder P+ " RF AGC " auswählen.	Mit Taste V- oder V+ "20" einstellen.										
4. OSD	Service Mode aktivieren; Menü 3 anwählen (Taste " 3 "). Mit Taste P- oder P+ " OSD H DISPLAY " auswählen.	Mit Taste V- oder V+ breitetes Menü auf Bildschirm-Mitte stellen.										
5. Schirmgitter- spannung	Service Mode aktivieren; Menü 5 anwählen (Taste " 5 "). Mit Taste P- oder P+ " SC " auswählen. Mit Taste V+ horizontalen Strich einschalten.	Mit Regler " SCREEN " (unterer Regler am Splitt-Trafo) den Strich am Bildschirm gerade gut sichtbar einstellen.										
6. Zeilenschärfe	Farbbildgenerator: Konvergenztestbild einspeisen. Kontrast: Maximum Bildschirmhelligkeit so einstellen, dass der schwarze Testbildhintergrund sich gerade aufzuhellen beginnt.	Mit Regler " Focus " (oberer Regler am Splitt-Trafo) die vertikalen Linien ca. 5cm vom rechten und linken Bildrand auf kleinste horizontale Breite einstellen. Die Mittenschärfe darf nicht schlechter als die Randschärfe erscheinen, gegebenenfalls mitteln.										
7. Geometrie	Geometrie-Testbild einspeisen Service Mode aktivieren; Menü 3 anwählen (Taste " 3 ").											
7.1 Horizontale Bild-Position	Mit Taste P- oder P+ "H-PHASE" auswählen.	Mit Taste V- oder V+ nach Testbild einstellen.										
7.2 Vertikale Bild-Position	Mit Taste P- oder P+ "V.POSI" auswählen.	Mit Taste V- oder V+ nach Testbild einstellen.										
7.3 Bild-Höhe	Mit Taste P- oder P+ "V.SIZE" auswählen.	Mit Taste V- oder V+ nach Testbild einstellen.										
7.4 Vertikale Bild-Linearität	Mit Taste P- oder P+ "V.LIN" auswählen.	Mit Taste V- oder V+ nach Testbild einstellen.										
7.5 S-Korrektur	Mit Taste P- oder P+ "V SC" auswählen.	Mit Taste V- oder V+ nach Testbild einstellen.										

Abgleich	Vorbereitung	Abgleichvorgang
8. Weißabgleich	Farbbildgenerator: Grautreppe mit Burst einspeisen. Service Mode aktivieren; Menü 5 anwählen (Taste "5"). Mit Taste V- oder V+ folgende Werte einstellen: Farbkontrast (CL): 32 Bildschirmhelligkeit (BT): 48 Kontrast (CT): 48	
	Mit Taste P- oder P+ "RB" auswählen.	Mit Taste V- oder V+ "50" einstellen.
	Mit Taste P- oder P+ "GB" auswählen.	Mit Taste V- oder V+ "50" einstellen.
	Mit Taste P- oder P+ "BB" auswählen.	Mit Taste V- oder V+ "50" einstellen. Schwarzer Bildbereich sollte unbunt sein. Bei Bedarf Werte für "RB" und "BB" korrigieren.
	Mit Taste P- oder P+ "RD" auswählen.	Mit Taste V- oder V+ "60" einstellen.
	Mit Taste P- oder P+ "GD" auswählen.	Mit Taste V- oder V+ "12" einstellen.
	Mit Taste P- oder P+ "BD" auswählen.	Mit Taste V- oder V+ "60" einstellen. Weißer Bildbereich sollte unbunt sein. Bei Bedarf Werte für "RD" und "BD" korrigieren.
9. SUB-Brightness	Farbbildgenerator: Grautreppe mit Burst einspeisen. Service Mode aktivieren; Menü 5 anwählen (Taste "5"). Mit Taste P- oder P+ "SB" auswählen.	Mit Taste V- oder V+ SB-Wert so einstellen, dass die Abstufung vom dunkelsten Graubalken zu Schwarz gerade noch sichtbar ist.

Alignment

Carry out the alignment with the unit at operating temperature (about 15 min.).

All adjustment controls not mentioned in this description are pre-set at the factory and must not be re-adjusted in the case of repairs.

Start of the Service Mode: Via "MENU" → Service Code "8500".

End the Service Mode: Press stand by button "⏻".

Measuring instruments: 100MHz oscilloscop with 10:1 test probe, digital voltmeter, colour video generator.

Service works after replacement or repair of the following modules:

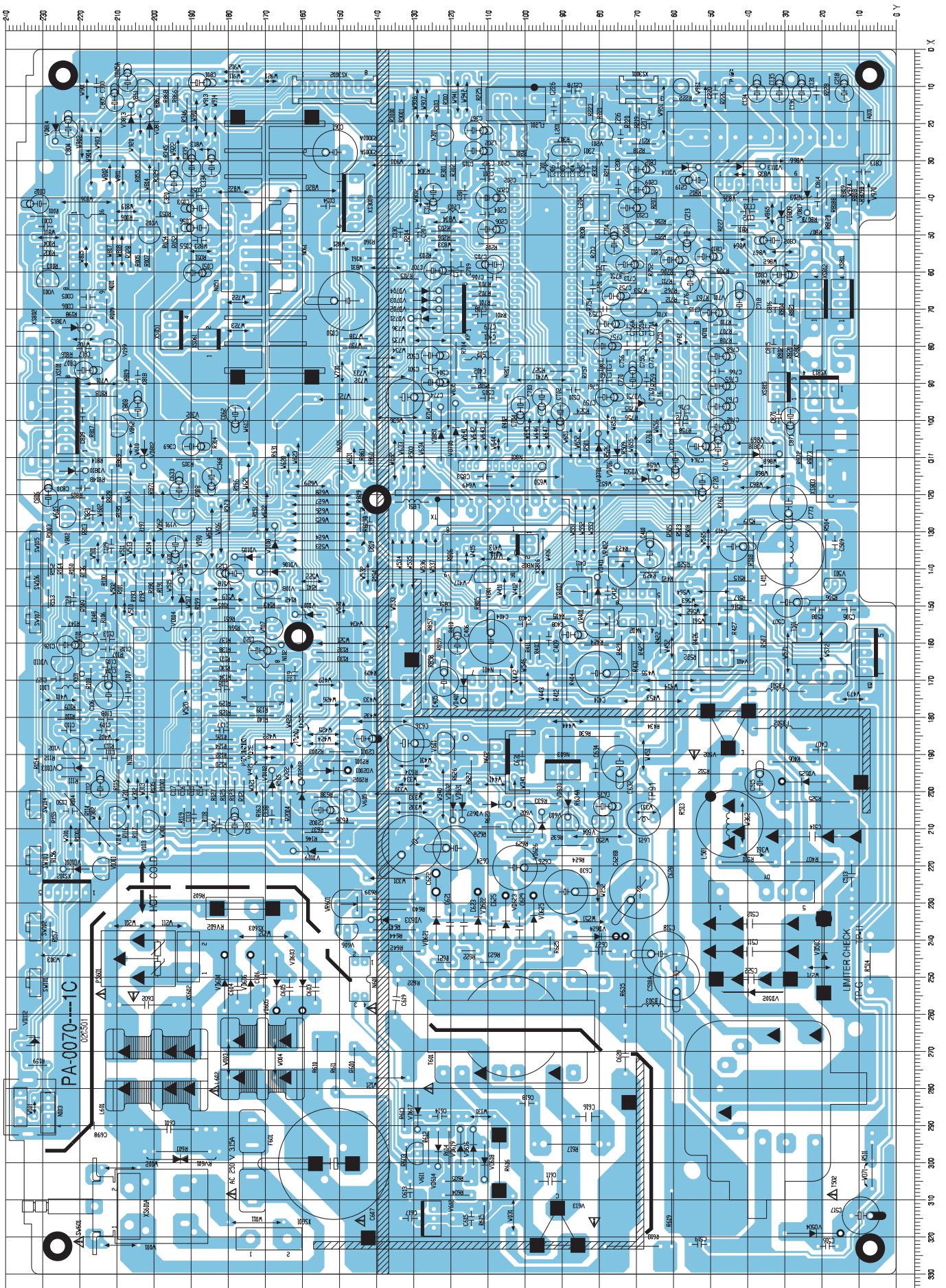
- **Power supply:** alignment 1
- **IF:** alignment 2, 3
- **CRT, CRT panel:** alignment 5...9
- **Deflection:** alignment 6, 7
- **N201 (IF/Video/Chroma IC), N102 (EEPROM):** alignment 2...5 and 7...9
- **Tuner:** alignment 2, 3

Alignment	Preparations	Alignment Process										
1. +B voltage	This voltage must be checked and re-adjusted if necessary after every repair and before every alignment. Brightness: Minimum Contrast: Minimum Digital voltmeter: Cathode VD624	Adjust +B to the values below with VR601: <table><tr><th>Size</th><th>Voltage Value</th></tr><tr><td>P 37-5211</td><td>115V</td></tr><tr><td>T 55-5211</td><td>110V</td></tr><tr><td>TF 55-5211</td><td>115V</td></tr><tr><td>TF 72-5211</td><td>130V</td></tr></table>	Size	Voltage Value	P 37-5211	115V	T 55-5211	110V	TF 55-5211	115V	TF 72-5211	130V
Size	Voltage Value											
P 37-5211	115V											
T 55-5211	110V											
TF 55-5211	115V											
TF 72-5211	130V											
2. AFT	Colour video generator: Feed in a test patter via the aerial. Digital voltmeter: IC N201 / Pin 47	With L204 set the DC level to 3.4±0.1V .										
3. AGC	Start the Service Mode; call up the dialog line " RF AGC " via menu 4 (button " 4 ") with button P- or P+ .	With button V- oder V+ set the value to "20".										
4. OSD	Start the Service Mode; call up the dialog line " OSD H DISPLAY " via menu 3 (button " 3 ") with button P- or P+ .	With button V- or V+ , move the broadest menu to the picture screen centre .										
5. Screen grid voltage	Start the Service Mode; call up the dialog line " SC " via menu 5 (button " 5 ") with button P- or P+ . Switch on the horizontal line with button V+ .	With " SCREEN " control (lower control at the splitter transformer) adjust the line so that it is just well visible.										
6. Line sharpness	Colour video generator: Feed in a convergency test pattern. Contrast: maximum Set the screen brightness so that the black background of the test pattern just starts to brighten.	With " FOCUS " control (upper control at the splitter transformer) adjust the vertical lines approx. 5cm from the right and left picture edge to minimum horizontal width. The sharpness in the middle must not seem to be worse than the sharpness at the edges. If necessary, take an average.										
7. Geometry	Feed in a geometry test pattern. Start the Service Mode; call up menu 3 (button " 3 ").											
7.1 Horizontal position	Select "H-PHASE" with button P- or P+ .	Adjust according to the test pattern using button V- or V+ .										
7.2 Vertical position	Select "V.POSI" with button P- or P+ .	Adjust according to the test pattern using button V- or V+ .										
7.3 Vertical size	Select "V.SIZE" with button P- or P+ .	Adjust according to the test pattern using button V- or V+ .										
7.4 Vertical linearity	Select "V.LIN" with button P- or P+ .	Adjust according to the test pattern using button V- or V+ .										
7.5 S-correction	Select "V SC" with button P- or P+ .	Adjust according to the test pattern using button V- or V+ .										

Alignment	Preparations	Alignment Process
8. White balance	Colour video generator: Feed in a grey scale with burst. Start the Service Mode; call up menu 5 (button "5"). With button V- or V+ set the following values: Colour contrast (CL): 32 Screen brightness (BT): 48 Contrast (CT): 48	
	Select "RB" with button P- or P+ .	With button V- or V+ set the value to "50".
	Select "GB" with button P- or P+ .	With button V- or V+ set the value to "50".
	Select "BB" with button P- or P+ .	With button V- or V+ set the value to "50". The black part of the picture should be achromatic. If not change the values for "RB" and "BB".
	Select "RD" with button P- or P+ .	With button V- or V+ set the value to "60".
	Select "GD" with button P- or P+ .	With button V- or V+ set the value to "12".
	Select "BD" with button P- or P+ .	With button V- or V+ set the value to "60". The white part of the picture should be achromatic. If not change the values for "RD" and "BD".
9. SUB-Brightness	Colour video generator: Feed in a grey scale with burst. Start the Service Mode; call up menu 5 (button "5"). Select "SB" with button P- or P+ .	With button V- or V+ , set the SB value so that the graduation from the darkest grey bar to black is just visible.

Platinenabbildungen und Schaltpläne / Layout of the PCBs and Circuit Diagrams

Chassisplatte / Chassis Board 14", 21"



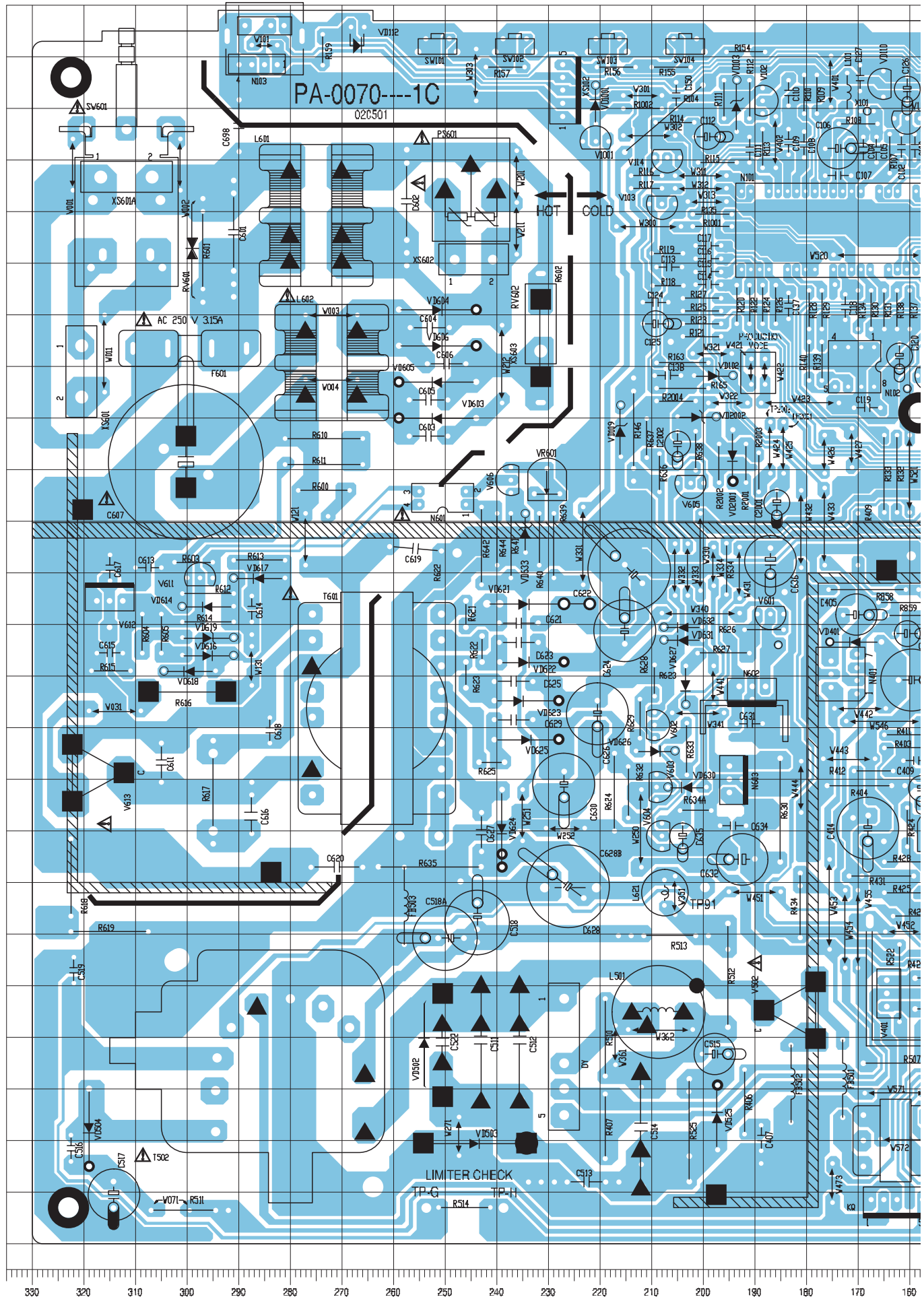
Chassisplatte / Chassis Board 14", 21"

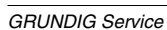
Koordinaten für die Bauteile der Bestückungsseite (Oberseite)
Coordinates of the Components on the Components Side (Top Side)

Pos.-Nr./ Pos. No.	Koordinaten/ Coordinates		Pos.-Nr./ Pos. No.	Koordinaten/ Coordinates		Pos.-Nr./ Pos. No.	Koordinaten/ Coordinates		Pos.-Nr./ Pos. No.	Koordinaten/ Coordinates		Pos.-Nr./ Pos. No.	Koordinaten/ Coordinates		Pos.-Nr./ Pos. No.	Koordinaten/ Coordinates	
	X	Y		X	Y		X	Y		X	Y		X	Y		X	Y
A101	24	15	C406	161	118	C759	94	81	R006	46	208	R206	52	122	R612	296	126
C001	48	229	C407	189	21	C760	87	78	R007	56	201	R207	41	65	R613	286	133
C002	42	231	C408	158	88	C761	89	79	R008	119	190	R208	55	85			
C005	67	218	C409	161	91	C762	102	48	R009	71	213				R614	296	121
C006	70	218	C410	136	66				R051	57	188				R615	315	111
C050	68	140				C763	96	48				R214	32	77	R616	300	107
C051	60	190	C411	140	85	C764	107	54	R052	51	194	R215	51	64	R617	295	88
C052	37	192	C412	147	78	C765	91	47	R053	45	197	R216	47	64	R618	323	71
C053	43	188	C413	134	44	C766	87	48	R054	51	196	R217	26	68			
C054	43	153	C414	168	81	C767	108	48	R055	34	204	R218	28	69			
C055	52	188	C501	86	125				R100	142	213				R619	315	61
						C768	83	48				R219	19	69	R621	246	122
C056	48	188	C502	83	124	C769	89	67	R1001	198	197	R220	19	72	R622	243	115
C061	28	151	C504	90	125	C770	89	71	R1002	212	220	R221	28	79	R623	246	110
C062	98	178	C505	94	110	C771	83	65	R1003	130	228	R222	14	57	R624	217	88
C101	134	194	C506	151	13	C771A	76	68	R101	148	208	R223	16	82			
C102	162	213	C507	149	29				R104	208	218				R625	241	93
						C772	101	58				R225	12	112	R626	188	119
C103	159	213	C508	151	21	C773	123	29	R105	151	181	R226	13	46	R627	196	115
C104	169	212	C509	132	17	C774	94	132	R106	152	213	R227	48	47	R628	207	112
C105	167	212	C510	92	87	C776	63	56	R107	164	211	R228	11	18	R629	212	102
C106	172	212	C511	243	39	C801	9	188	R108	170	217	R3000	17	135			
C107	174	207	C512	236	39				R109	178	223				R630	185	84
						C802	52	33				R3000A	26	138	R631	108	167
C108	181	213	C513	224	12	C803	61	32	R110	181	223	R3001	17	133	R632	215	88
C109	184	214	C514	212	22	C804	22	223	R111	196	222	R3001A	29	138	R633	203	96
C110	184	223	C515	198	37	C805	14	211	R112	191	222	R301	32	121	R634	196	136
C111	191	212	C516	323	19	C805A	9	207	R113	189	212	R302	32	119			
C112	199	215	C517	314	10				R114	206	217				R634A	202	84
						C806	121	229				R303	15	123	R635	253	73
C113	207	189	C518	246	61	C807	87	219	R115	197	210	R304	34	128	R636	209	149
C114	198	186	C518A	249	59	C808	97	204	R116	211	207	R307	25	90	R637	211	156
C115	198	188	C519	322	53	C809	98	219	R117	211	205	R310	13	121	R638	202	154
C116	198	191	C522	251	39	C810	56	52	R118	207	186	R314	106	185			
C117	198	193	C601	291	196				R119	207	192				R639	229	135
						C811	57	61				R315	111	191	R640	232	137
C118	173	182	C602	258	202	C812	32	70	R120	194	182	R328	56	206	R641	237	135
C119	168	162	C603	253	157	C813	33	9	R121	200	176	R329	34	199	R642	243	135
C120	162	172	C604	253	178	C814	41	21	R122	191	182	R331	32	81	R644	240	136
C123	141	178	C605	253	164	C815	80	33	R123	200	178	R345	27	196			
C124	209	182	C606	250	171				R124	189	182				R651	154	179
						C816	69	33				R346	18	191	R655	107	149
C125	209	178	C607	300	152	C817	81	219	R125	200	181	R373	123	180	R701	69	111
C126	161	224	C611	301	97	C818	88	204	R126	186	183	R401	74	110	R702	67	111
C127	170	226	C613	308	131	C819	128	142	R127	200	183	R402	100	105	R703	64	111
C128	149	222	C614	288	123	C820	125	217	R128	180	181	R403	161	96			
C129	134	212	C615	315	115				R129	177	181				R704	83	119
						C830	118	219				R404	170	89	R705	62	132
C130	49	134	C616	288	83	C851	151	122	R130	168	181	R405	154	91	R706	61	62
C131	12	22	C617	315	131	C853	115	111	R131	165	181	R406	192	38	R707	77	46
C132	44	40	C618	284	100	C870	98	32	R132	163	149	R407	219	23	R708	79	46
C133	41	39	C619	256	135	C871	99	29	R133	158	157	R409	170	132			
C134	12	38	C620	271	73				R134	170	181				R709	60	47
						DY	227	37				R410	161	122	R710	74	46
C135	12	32	C621	236	120				R135	198	200	R411	161	99	R711	63	62
C136	12	26	C622	214	130	F601	300	174	R136	140	218	R412	167	92	R712	68	61
C137	184	182	C623	236	117				R137	160	181	R421	144	62	R713	58	77
C138	207	168	C624	215	119	FB501	173	32	R138	163	181	R422	158	64			
C150	205	223	C625	237	109	FB502	183	31	R139	177	171				R714	98	125
						FB503	258	66				R423	135	74	R751	63	77
												R424	161	81	R752	59	67
C2001	186	144	C626	221	103				R140	180	171	R425	161	68	R753	66	69
C2002	205	155	C627	243	80	FL201	13	103	R141	146	158	R426	149	52	R754	66	85
C201	35	110	C628	226	69				R142	148	169	R427	149	46			
C202	34	99	C628B	226	69	KP	70	120	R143	151	169				R755	98	72
C203	31	100	C629	237	102	KQ	163	08	R146	214	158				R756	100	72
												R428	161	74	R757	80	85
C204	45	110	C630	227	89	L101	172	223	R147	156	222	R431	166	71	R758	104	57
C205	40	110	C631	191	101	L201	17	87	R148	152	216	R434	181	65	R759	89	65
C206	49	110	C632	193	75	L202	24	103	R149	149	218						
C207	49	129	C633	119	193	L203	44	120	R150	139	222	R501	107	83	R760	104	66
C208	37	75	C634	194	81	L204	43	81	R151	124	172				R761	123	47
												R502	91	111	R762	66	61
C209	38	70	C635	204	79	L301	31	94	R152	140	229	R503	108	130	R763	68	52
C210	43	72	C636	187	132	L411	126	29	R153	148	229	R504	136	19	R802	<	

Pos.-Nr./ Pos. No.	Koordinaten/ Coordinates		Pos.-Nr./ Pos. No.	Koordinaten/ Coordinates		Pos.-Nr./ Pos. No.	Koordinaten/ Coordinates		Pos.-Nr./ Pos. No.	Koordinaten/ Coordinates		Pos.-Nr./ Pos. No.	Koordinaten/ Coordinates		Pos.-Nr./ Pos. No.	Koordinaten/ Coordinates	
	X	Y		X	Y		X	Y		X	Y		X	Y		X	Y
R866	12	194	VD106	141	168	W101	288	230	W515	144	195	W701	90	214	W974	45	14
R867	12	199	VD107	152	158	W121	277	137	W516	136	192	W702	78	219	X101	168	220
R868	12	196	VD108	133	168	W131	288	112				W721	94	149	X701	70	68
R869	110	209	VD109	216	158				W517	148	190	W722	68	178	XS051	76	196
R871	118	200	VD110	165	225	W162	128	198	W518	145	181	W723	76	178	XS061	78	186
R872	110	26	VD112	267	236	W201	236	198	W519	148	180	W731	87	149	XS101	99	224
R873	110	23	VD113	32	42	W211	236	207	W520	166	192				XS102	227	224
RV601	297	193	VD114	32	57	W212	239	171	W521	160	149	W732	88	137	XS3001	10	69
RV602	232	178	VD2001	194	153	W250	212	81	W522	143	158	W733	86	140			
			VD2002	201	160	W251	235	83	W523	135	155	W734	83	139			
SW101	252	232	VD401	176	117	W252	227	81	W531	150	149	W735	78	126	XS3002	10	151
SW102	237	232	VD411	146	81	W271	247	22	W532	141	143	W736	75	127	XS3003	41	146
SW103	219	232	VD501	116	68	W300	211	197	W533	139	136				XS601	321	169
SW104	204	232	VD502	251	39	W301	212	223				W737	81	146	XS601A	312	207
SW105	134	232	VD503	244	20				W534	139	133	W738	78	146	XS602	245	191
						W302	211	215	W535	139	130	W741	89	96			
SW106	144	232	VD504	312	30	W303	244	227	W536	140	127	W751	78	65	XS603	232	178
SW107	154	232	VD525	197	25	W311	201	207	W537	140	124	W761	76	57	XS801	80	19
SW601	312	198	VD603	252	160	W312	201	205	W546	165	101				XS802	96	231
			VD604	252	181	W313	199	202				W801	51	229	XS803	115	16
			VD605	252	167				W551	129	87	W802	34	212	XS811	67	15
T501	163	20	VD606	252	174	W321	198	173	W552	129	84	W811	34	209			
T502	280	33	VD614	296	124	W322	195	163	W553	129	82	W813	27	186	XS812	67	22
T601	264	107	VD616	296	114	W330	201	134	W561	155	54	W814	36	201	XS813	92	21
TP91	200	69	VD617	286	129	W331	223	135	W562	152	55				XS815	94	32
TPAGC	10	43	VD618	300	111	W332	206	131				W815	56	218	XS816	135	99
TP-G	254	7				W333	203	131	W563	150	56	W816	41	218			
TP-H	239	7				W334	198	131	W564	146	49	W817	56	211	Z301	27	89
			VD619	296	118	W340	201	122	W565	132	51	W818	56	209			
TX	124	105	VD621	234	124	W341	201	103	W571	163	29	W819	44	208			
			VD622	233	113	W351	206	68	W572	161	20						
V001	63	229	VD623	234	105				W602	124	214	W820	38	158			
V002	49	201	VD624	239	82	W361	217	39	W603	123	224	W821	54	151			
V1001	221	214				W362	208	42	W610	108	206	W822	38	179			
V101	161	218	VD625	234	98	W401	175	225	W611	120	206	W823	54	188			
V102	189	222	VD626	209	96	W402	186	214	W613	101	175	W831	59	138			
			VD627	203	108	W411	145	106				W832	40	128			
V103	208	202	VD630	203	89				W615	130	185	W833	54	122			
V107	156	168	VD631	204	117	W412	145	102	W616	129	182	W834	47	121			
V108	145	170				W413	136	108	W620	111	164	W835	34	42			
V114	207	211	VD632	204	120	W414	137	108	W621	117	175	W836	36	45			
V190	139	188	VD633	235	138	W415	137	116	W622	125	170						
			VD701	107	80	W416	136	95				W860	115	36			
V191	125	192	VD702	70	127				W623	110	161	W861	64	36			
V199	81	212	VD703	68	127	W417	140	117	W624	132	155	W862	58	34			
V201	23	77				W421	191	169	W625	128	155	W863	118	38			
V203	50	71	VD704	65	127	W422	188	169	W626	125	155	W864	51	46			
V301	23	122	VD705	103	119	W423	181	163	W627	123	155						
			VD706	109	75	W424	187	154				W865	44	34			
V302	102	190	VD721	73	127				W628	120	155	W866	30	38			
V401	165	49	VD751	95	69	W425	185	154	W629	118	158	W867	55	31			
V501	144	17				W426	177	153	W631	110	146	W868	109	38			
V502	183	46	VD809	44	31	W427	168	158	W632	111	135	W869	106	38			
V601	187	122	VD810	114	222	W431	193	130	W633	118	133						
			VD811	22	201	W432	181	139				W901	11	218			
V602	210	101	VD812	109	203				W634	108	127	W902	25	220			
V603	209	89	VD813	19	206	W433	177	139	W635	96	121	W903	25	215			
V604	208	79				W434	156	146	W636	99	135	W904	29	217			
V605	203	147	VD814	21	227	W441	198	108	W641	104	116	W910	18	189			
V606	237	148	VD815	75	222	W442	170	104	W642	104	113						
			VD817	39	24	W443	172	94				W911	9	179			
V611	298	129	VD818	109	38				W643	104	111	W912	6	179			
V612	315	125	VD851	104	123	W444	181	89	W644	106	107	W913	22	186			
V613	319	91				W451	190	68	W645	104	99	W914	22	184			
V701	63	50	VR401	155	80	W452	161	61	W646	104	96	W920	20	204			
V801	142	111	VR402	141	74	W453	176	66	W647	104	94						
			VR403	146	86	W454	173	61				W921	9	169			
V802	126	224	VR601	230	148				W649	118	107	W922	27	194			
V861	11	203				W455	170	61	W650	115	108	W931	31	135			
V862	102	210	W001	322	209	W473	175	12	W651	107	88	W936	15	129			
			W002	301	209	W501	136	215	W652	107	85	W937	15	127			
VD1001	221	213	W003	272	180	W502	145	210	W653	101	78						
VD102	198	168	W004	272	168	W510	151	208				W941	13	118			
VD103	194	221	W011	316	173				W655	107	70	W942	13	116			
VD104	148	193				W511	135	208	W656	102	64	W951	16	63			
VD105	137	175	W031	314	103	W513	134	205	W657	117	68	W961	13	52			
			W071	303	06	W514	134	200	W658	113	66	W970	39	8			

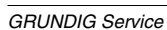
Chassisplatte / Chassis Board 14", 21"

Bestückungsseite, Ansicht von oben
Component Side, Top View

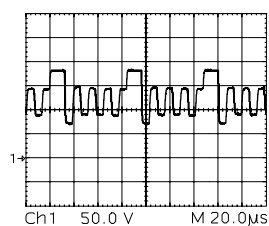


Lötseite, Ansicht von unten
Solder Side, Bottom View

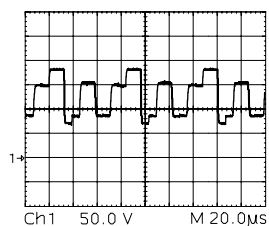




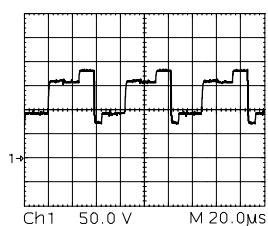
Oszillogramme / Oscillograms



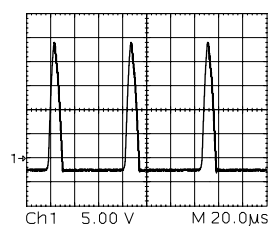
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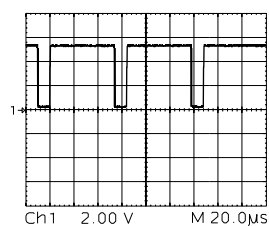
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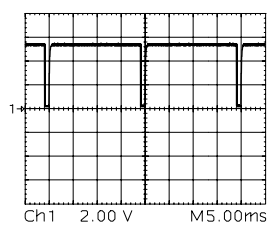
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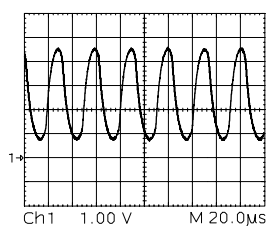
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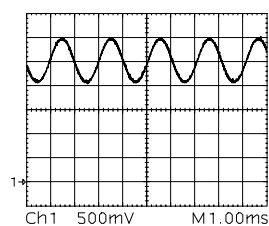
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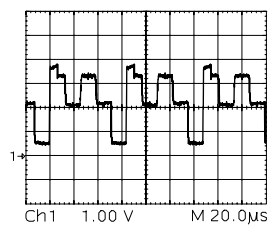
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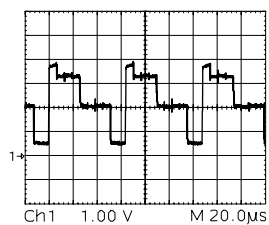
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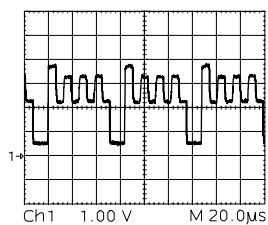
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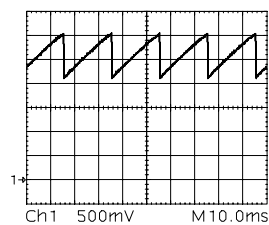
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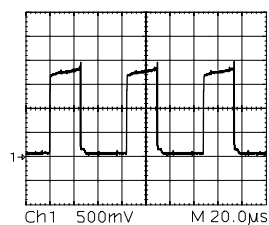
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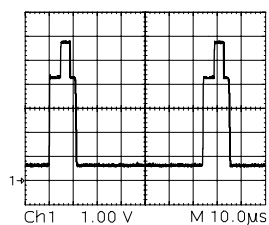
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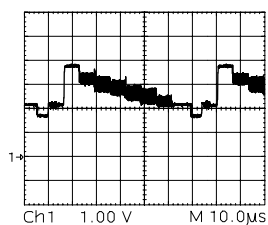
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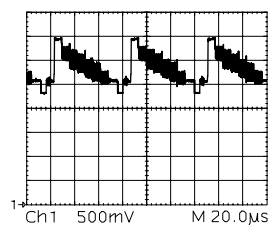
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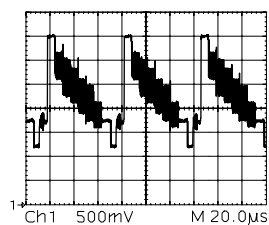
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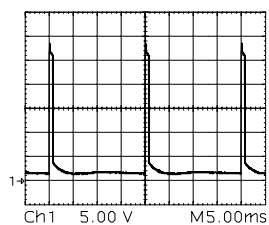
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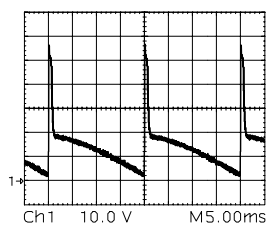
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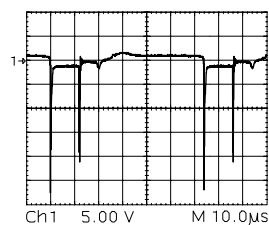
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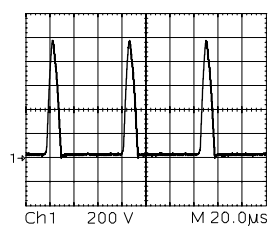
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⑲

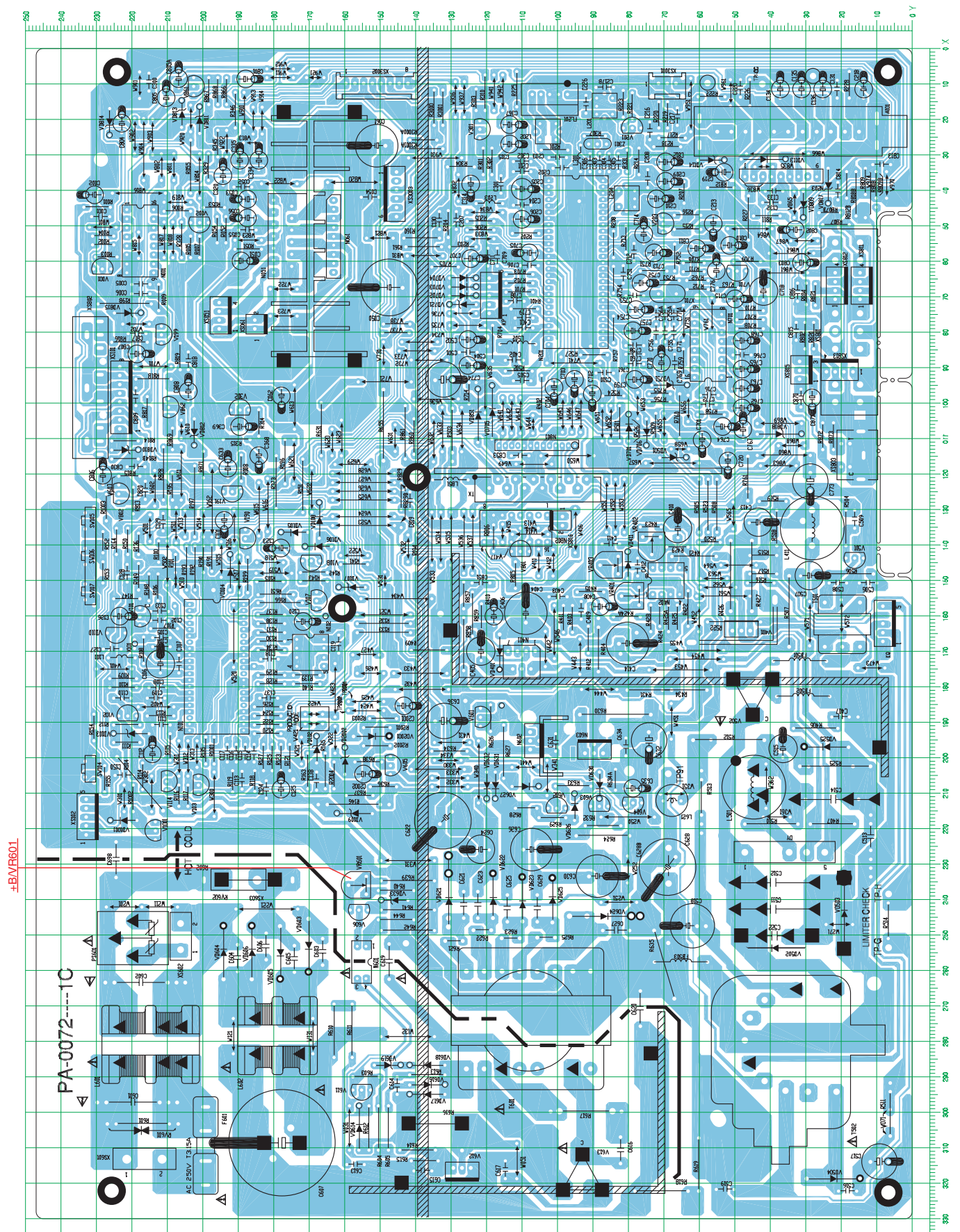


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GRUNDIG Service



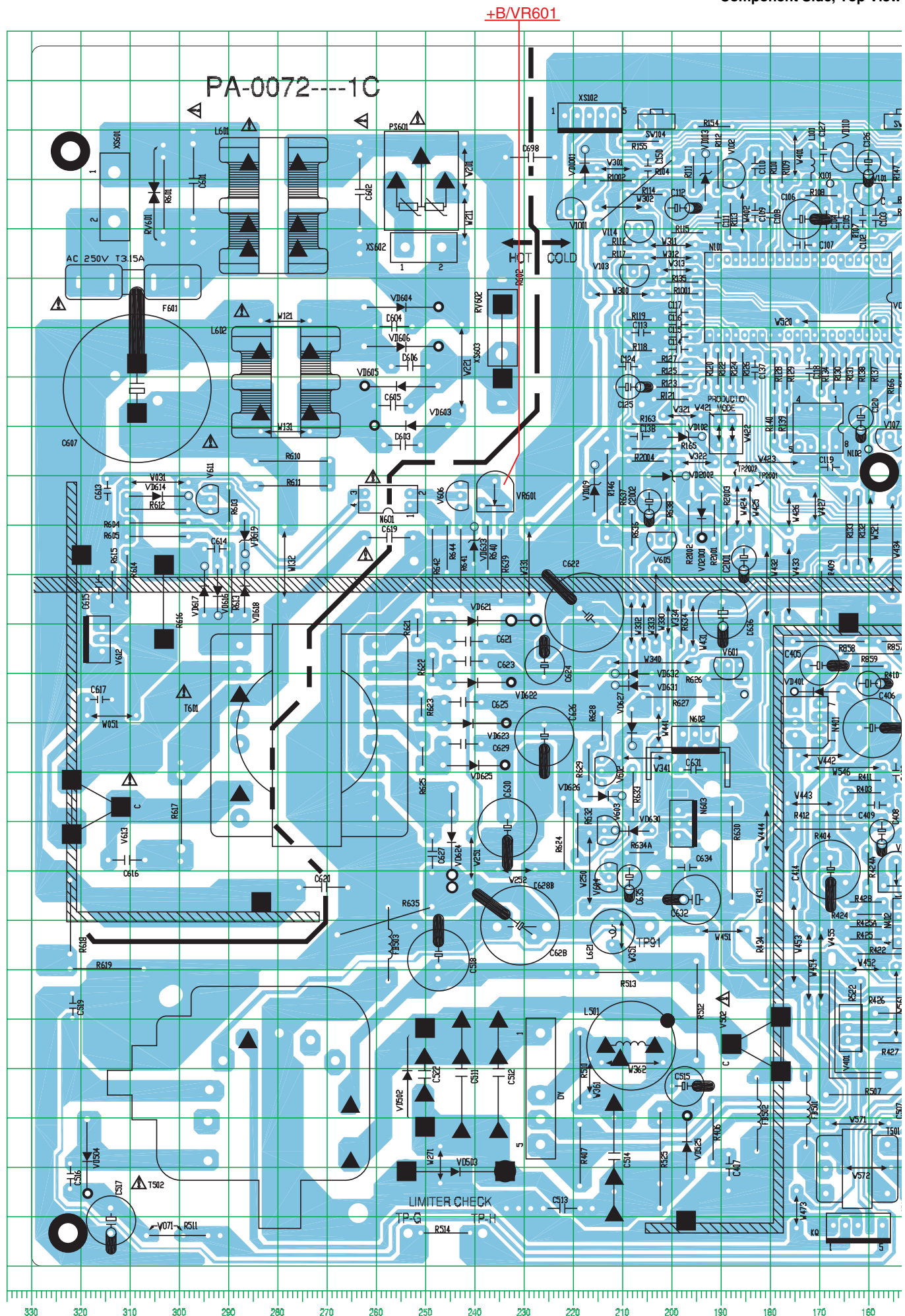
Chassisplatte / Chassis Board 29"

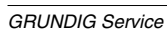
Koordinaten für die Bauteile der Bestückungsseite (Oberseite)
Coordinates of the Components on the Components Side (Top Side)

Pos.-Nr./ Pos. No.	Koordinaten/ Coordinates		Pos.-Nr./ Pos. No.	Koordinaten/ Coordinates		Pos.-Nr./ Pos. No.	Koordinaten/ Coordinates		Pos.-Nr./ Pos. No.	Koordinaten/ Coordinates		Pos.-Nr./ Pos. No.	Koordinaten/ Coordinates		Pos.-Nr./ Pos. No.	Koordinaten/ Coordinates	
	X	Y		X	Y		X	Y		X	Y		X	Y		X	Y
A101	24	15	C406	161	118	C760	87	78	R009	71	213	R215	51	64	R615	314	137
			C407	189	21	C761	89	79				R216	47	64	R616	304	135
C001	48	229	C408	158	88	C762	102	48	R051	57	188	R217	26	68	R617	300	92
C002	42	231	C409	161	91	C763	96	48	R052	51	194	R218	28	69			
C005	67	218	C410	136	66				R053	45	197	R219	19	69	R618	323	71
C006	70	218				C764	107	54	R054	51	196				R619	315	61
C050	68	140				C765	91	47	R055	34	204				R621	252	129
			C411	140	85	C766	87	48				R220	19	72	R622	249	121
C051	60	190	C412	147	78	C767	108	48	R100	142	213	R221	28	79	R623	251	113
C052	37	192	C413	134	44	C768	83	48	R1001	198	197	R222	14	57			
C053	43	188	C414	168	81				R1002	212	220	R223	16	82	R624	222	87
C054	43	153	C501	86	125	C769	89	67	R1003	130	228	R225	12	112	R625	251	103
C055	52	188				C770	89	71	R101	148	208				R626	189	119
			C502	83	124	C771	83	65				R226	13	46	R627	198	116
C056	48	188	C504	90	125	C771A	76	68	R104	208	218	R228	11	18	R628	215	109
C061	28	151	C505	94	110	C772	101	58	R105	151	181	R3000	17	135			
C062	98	178	C506	151	13				R106	152	213	R3000A	26	138			
C101	134	194	C507	149	29				R107	164	211				R629	217	102
C102	162	213				C773	123	29	R108	170	217				R630	188	84
			C508	151	21	C774	94	132				R3001	17	133	R631	108	167
C103	159	213	C509	132	17	C776	63	56	R109	178	223	R3001A	29	138	R632	220	88
C104	169	212	C510	92	87	C801	9	188	R110	181	223	R301	32	121	R633	208	96
C105	167	212	C511	243	39	C802	52	33	R111	196	222	R302	32	119			
C106	172	212	C512	236	39				R112	191	222	R303	15	123	R634	199	131
C107	174	207				C803	61	32	R113	189	212				R634A	207	84
			C513	224	12	C804	22	223				R304	34	128	R635	258	71
C108	181	213	C514	212	22	C805	14	211	R114	206	217	R307	25	90	R636	209	149
C109	184	214	C515	198	37	C805A	9	207	R115	197	210	R310	13	121	R637	211	156
C110	184	223	C516	323	19	C806	121	229	R116	211	207	R314	106	185			
C111	191	212	C517	314	10				R117	211	205	R315	111	191	R638	202	154
C112	199	215				C807	87	219	R118	207	186				R639	235	142
			C518	248	64	C808	97	204				R328	56	206	R640	238	146
C113	207	189	C519	322	53	C809	98	219	R119	207	192	R329	34	199	R641	243	142
C114	198	186	C522	251	39	C810	56	52	R120	194	182	R331	32	81	R642	249	142
C115	198	188	C601	298	220	C811	57	61	R121	200	176	R345	27	196			
C116	198	191	C602	264	218				R122	191	182	R346	18	191	R644	246	146
C117	198	193				C812	32	70	R123	200	178				R651	154	179
			C603	255	167	C813	33	9				R373	123	180	R655	107	149
C118	173	182	C604	257	191	C814	41	21	R124	189	182	R401	74	110	R701	69	111
C119	168	162	C605	257	175	C815	80	33	R125	200	181	R402	100	105	R702	67	111
C120	162	172	C606	254	183	C816	69	33	R126	186	183	R403	161	96			
C123	141	178	C607	309	178				R127	200	183	R404	170	89	R703	64	111
C124	209	182				C817	81	219	R128	180	181				R704	83	119
			C611	301	97	C818	88	204				R405	154	91	R705	62	132
C125	209	178	C613	315	157	C819	128	142	R129	177	181	R406	192	38	R706	61	62
C126	161	224	C614	293	146	C820	125	217	R130	168	181	R407	219	23	R707	77	46
C127	170	226	C615	317	138	C830	118	219	R131	165	181	R409	170	132			
C128	149	222	C616	311	83				R132	163	149	R410	161	122	R708	79	46
C129	134	212				C851	151	122	R133	158	157				R709	60	47
			C617	316	115	C853	115	111				R411	161	99	R710	74	46
C130	49	134	C618	284	100	C870	98	32	R134	170	181	R412	167	92	R711	63	62
C131	12	22	C619	258	148	C871	99	29	R135	198	200	R421	144	62	R712	68	61
C132	44	40	C620	271	77				R136	140	218	R422	158	64			
C133	41	39	C621	242	127	DY	227	37	R137	160	181	R423	135	74	R713	58	77
C134	12	38				F601	310	200	R138	163	181				R714	98	125
			C622	218	132							R424	160	72	R751	63	77
C135	12	32	C623	242	123	FB501	173	32	R139	177	171	R424A	161	81	R752	59	67
C136	12	26	C624	226	122	FB502	183	31	R140	180	171	R425	161	67	R753	66	69
C137	184	182	C625	243	115	FB503	258	65	R141	146	158	R425A	161	69			
C138	207	168	C626	226	107				R142	148	169	R426	149	52	R754	66	85
C150	205	223				FL201	13	103	R143	151	169				R755	98	72
			C627	249	84							R427	149	46	R756	100	72
C2001	186	144	C628	231	69	KP	70	120	R146	214	158	R428	161	74	R757	80	85
C2002	205	155	C628B	231	69	KQ	163	8	R147	156	222	R429	141	73	R758	104	57
C201	35	110	C629	242	106				R148	152	216	R431	181	74			
C202	34	99	C630	234	89	L101	172	223	R149	149	218	R434	181	64	R759	89	65
C203	31	100				L201	17	87	R150	139	222				R760	104	66
			C631	196	101	L202	24	103				R501	107	83	R761	123	47
C204	45	110	C632	196	75	L203	44	120	R151	124	172	R502	91	111	R762	66	61
C205	40	110	C633	119	193	L204	43	81	R152	140	229	R503	108	130	R763	68	52
C206	49	110	C634	197	81				R153	148	229	R504	136	19			
C207	49	129	C635	209	79	L301	31	94	R154	192	231	R505	129	60	R802	81	31
C208	37	75				L411	126	29	R155	206	228				R804	70	30
			C636	190	132	L501	209	45				R506	149	19	R805	149	112
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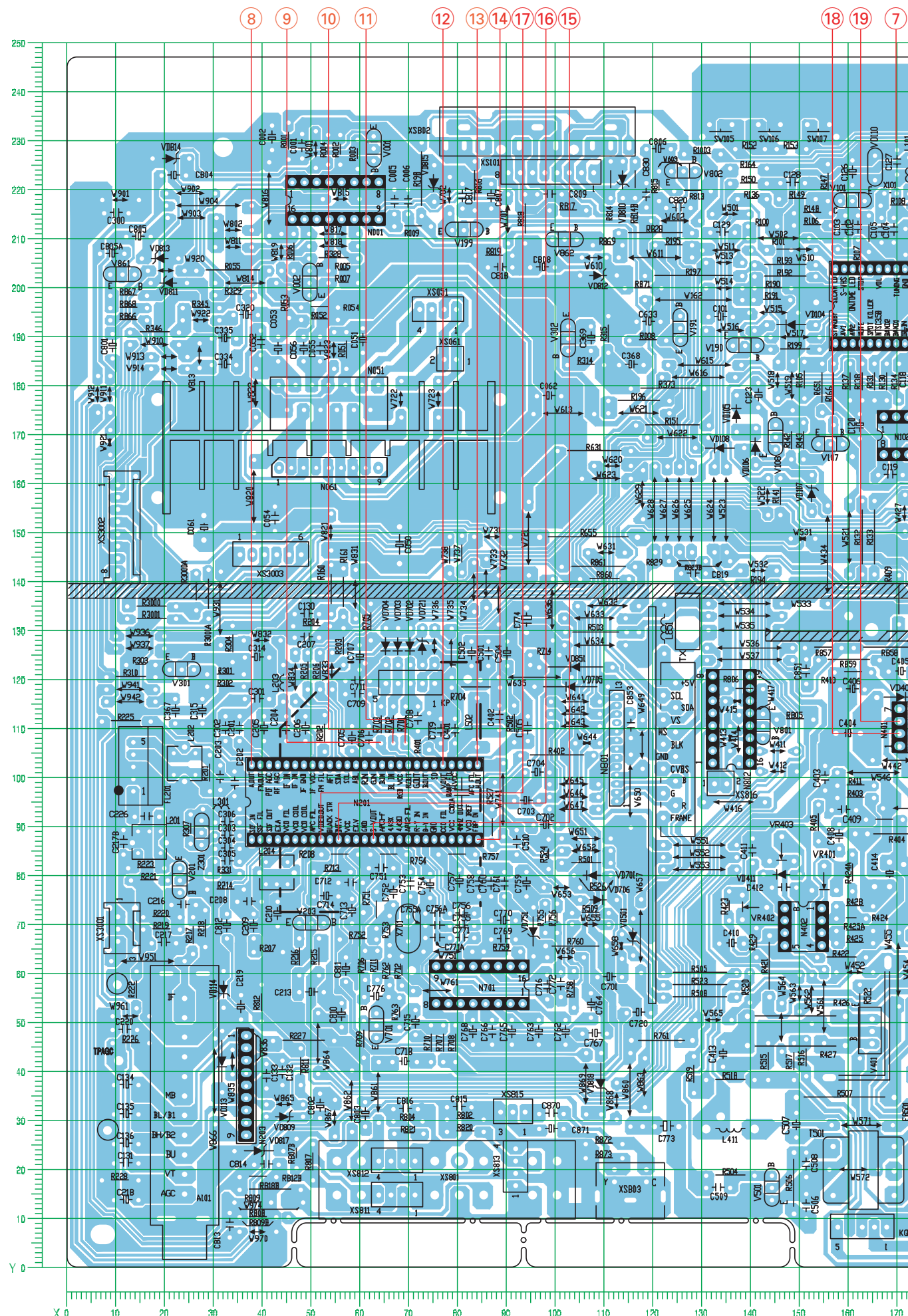
Pos.-Nr./ Pos. No.	Koordinaten/ Coordinates		Pos.-Nr./ Pos. No.	Koordinaten/ Coordinates		Pos.-Nr./ Pos. No.	Koordinaten/ Coordinates		Pos.-Nr./ Pos. No.	Koordinaten/ Coordinates		Pos.-Nr./ Pos. No.	Koordinaten/ Coordinates		Pos.-Nr./ Pos. No.	Koordinaten/ Coordinates	
	X	Y		X	Y		X	Y		X	Y		X	Y		X	Y
R869	110	209	VD2002	201	160	W252	232	81	W532	141	143	W736	75	127	XS601	314	217
R871	118	200	VD401	176	117	W271	247	22	W533	139	136	W737	81	146	XS602	250	207
R872	110	26	VD411	146	81	W300	211	197	W534	139	133	W738	78	146	XS603	235	190
R873	110	23	VD501	116	68	W301	212	223	W535	139	130				XS801	80	19
RV601	306	218	VD502	251	39	W302	211	215				W741	89	96	XS802	96	231
RV602	235	190	VD503	244	20	W311	201	207	W536	140	127	W751	78	65	XS803	115	16
			VD504	312	30	W312	201	205	W546	165	101	W801	51	229	XS811	67	15
SW104	204	232	VD525	197	25	W313	199	202	W551	129	87	W802	34	212	XS812	67	22
SW105	134	232	VD603	253	171	W321	198	173	W552	129	84				XS813	92	21
SW106	144	232	VD604	255	194	W322	195	163	W553	129	82	W811	34	209	XS815	94	32
SW107	154	232	VD605	255	179	W331	204	134	W561	155	54	W813	27	186	XS816	135	99
			VD606	255	187	W332	240	142	W562	152	55	W814	36	201			
T501	163	20	VD614	305	156	W333	209	131	W563	150	56	W815	56	218	Z301	27	89
T502	280	33	VD616	293	137	W334	201	131	W564	146	49	W816	41	218			
T601	274	106	VD617	295	137												
TP91	205	69	VD618	287	137	W340	205	123	W565	132	51	W817	56	211			
TPAGC	10	43	VD619	287	148	W341	206	103	W571	163	29	W818	56	209			
TP-G	254	7				W351	211	68	W572	161	20	W819	44	208			
TP-H	239	7	VD621	238	131	W361	217	39	W602	124	214	W820	38	158			
TX	124	105	VD622	239	119	W362	208	42	W603	123	224	W821	54	151			
			VD623	240	110							W822	38	179			
V001	63	229	VD624	245	86	W401	175	225	W610	108	206	W823	54	188			
V002	49	201	VD625	241	102	W402	186	214	W611	120	206	W831	59	138			
V1001	221	214				W411	145	106	W613	101	175	W832	40	128			
V101	161	218	VD626	214	96	W412	145	102	W615	130	185	W833	54	122			
V102	189	222	VD627	208	109	W413	136	108	W616	129	182						
			VD630	208	89							W834	47	121			
V103	208	202	VD631	208	118	W414	137	108	W620	111	164	W835	34	42			
V107	156	168	VD632	208	120	W415	137	116	W621	117	175	W836	36	45			
V108	145	170				W416	136	95	W622	125	170	W860	115	36			
V114	207	211	VD633	241	146	W417	140	117	W623	110	161	W861	64	36			
V190	139	188	VD701	107	80	W421	191	169	W624	132	155						
			VD702	70	127							W862	58	34			
V191	125	192	VD703	68	127	W422	188	169	W625	128	155	W863	118	38			
V199	81	212	VD704	65	127	W423	181	163	W626	125	155	W864	51	46			
V201	23	77				W424	187	154	W627	123	155	W865	44	34			
V203	50	71	VD705	103	119	W425	185	154	W628	120	155	W866	30	38			
V301	23	122	VD706	109	75	W426	177	153	W629	118	158						
			VD721	73	127							W867	55	31			
V302	102	190	VD751	95	69	W427	168	158	W631	110	146	W868	109	38			
V401	165	49	VD809	44	31	W431	196	130	W632	111	135	W869	106	38			
V501	144	17				W432	181	139	W633	118	133	W901	11	218			
V502	183	46	VD810	114	222	W433	177	139	W634	108	127	W902	25	220			
V601	189	122	VD811	22	201	W434	156	146	W635	96	121						
			VD812	109	203							W903	25	215			
V602	215	101	VD813	19	206	W441	203	109	W636	99	135	W904	29	217			
V603	214	89	VD814	21	227	W442	170	104	W641	104	116	W910	18	189			
V604	213	79				W443	172	94	W642	104	113	W911	9	179			
V605	203	147	VD815	75	222	W444	181	89	W643	104	111	W912	6	179			
V606	243	156	VD817	39	24	W451	190	68	W644	106	107						
			VD818	109	38							W913	22	186			
V611	294	156	VD851	104	123	W452	161	61	W645	104	99	W914	22	184			
V612	313	127				W453	176	66	W646	104	96	W920	20	204			
V613	319	93	VR401	155	80	W454	173	61	W647	104	94	W921	9	169			
V701	63	50	VR402	141	74	W455	170	61	W649	118	107	W922	27	194			
V801	142	111	VR403	146	86	W473	175	12	W650	115	108						
			VR601	236	157							W931	31	135			
V802	126	224				W501	136	215	W651	107	88	W936	15	129			
V861	11	203	W001	322	209	W502	145	210	W652	107	85	W937	15	127			
V862	102	210	W002	301	209	W510	151	208	W653	101	78	W941	13	118			
			W011	316	173	W511	135	208	W655	107	70	W942	13	116			
VD1001	221	213	W031	305	159	W513	134	205	W656	102	64						
VD102	198	168	W051	314	112							W951	16	63			
VD103	194	221				W514	134	200	W657	117	68	W961	13	52			
VD104	148	193	W071	303	6	W515	144	195	W658	113	66	W970	39	8			
VD105	137	175	W121	279	192	W516	136	192	W701	90	214	W974	45	14			
			W131	279	169	W517	148	190	W702	78	219						
VD106	141	168	W132	279	142	W518	145	181	W721	94	149	X101	168	220			
VD107	152	158	W162	128	198							X701	70	68			
VD108	133	168				W519	148	180	W722	68	178						
VD109	216	158	W201	242	223	W520	166	192	W723	76	178	XS051	76	196			
VD110	165	225	W211	243	213	W521	160	149	W731	87	149	XS061	78	186			
			W221	243	182	W522	143	158	W732	88	137	XS101	99	224			
VD113	32	42	W250	217	81	W523	135	155	W733	86	140	XS102	217	233			
VD114	32	57	W251	241	83							XS3001	10	69			
VD2001	194	153				W531	150	149	W734	83	139	XS3002	10	151			
									W735	78	126	XS3003	41	146			

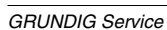
Chassisplatte / Chassis Board 29"

Bestückungsseite, Ansicht von oben
Component Side, Top View

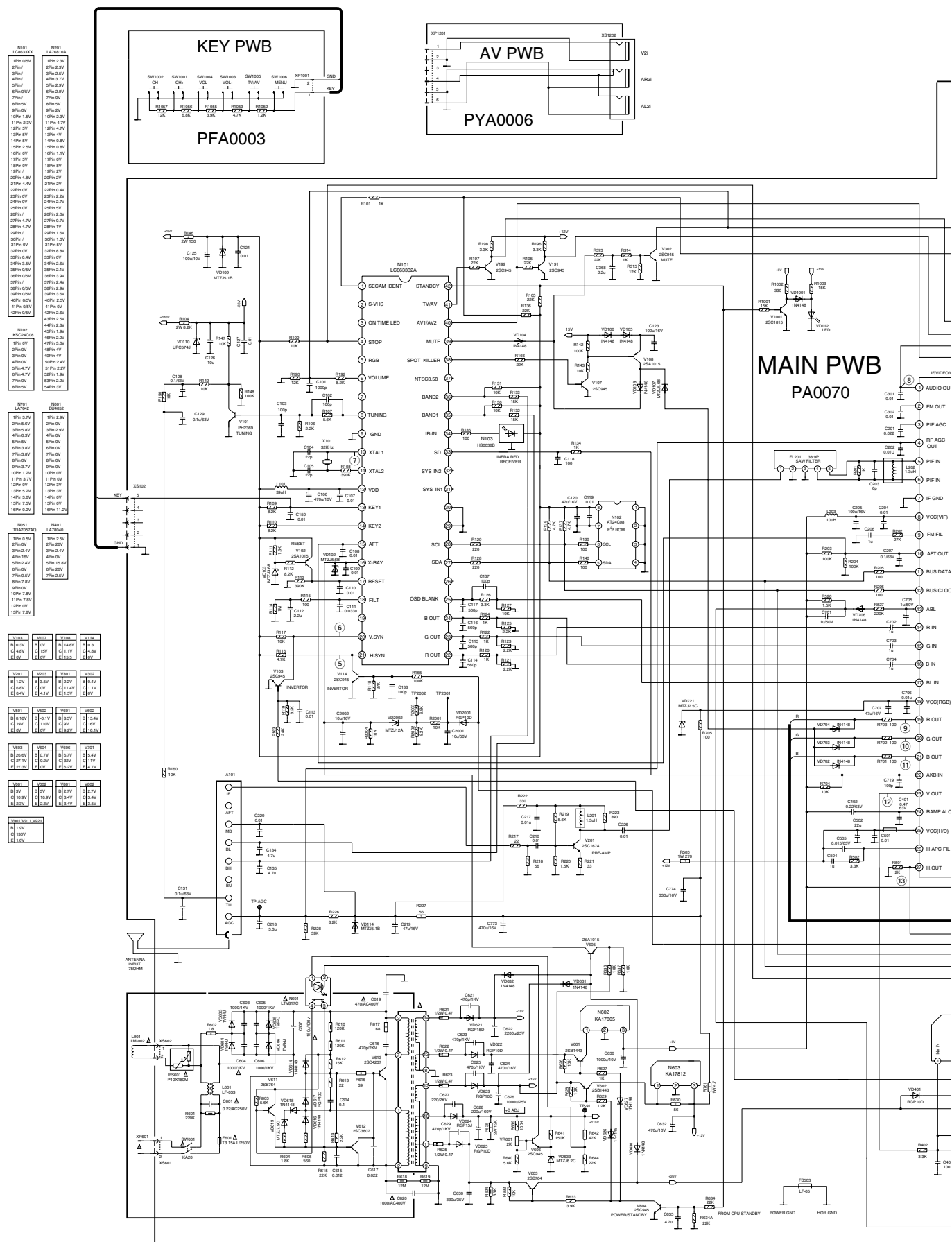


Chassisplatte / Chassis Board 29"

Lötseite, Ansicht von unten
Solder Side, Bottom View

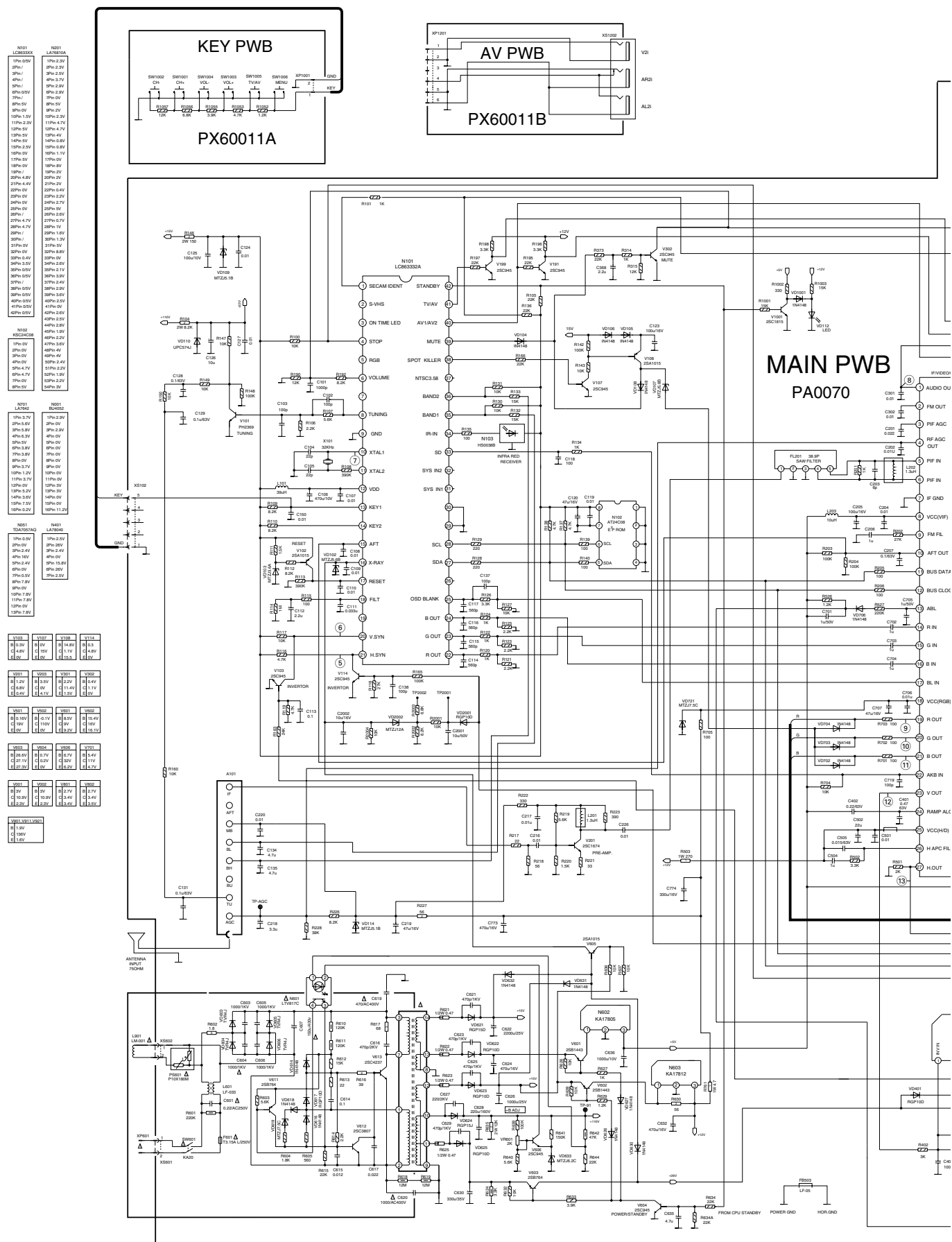


Schaltplan / Schematic Diagram P 37-5211



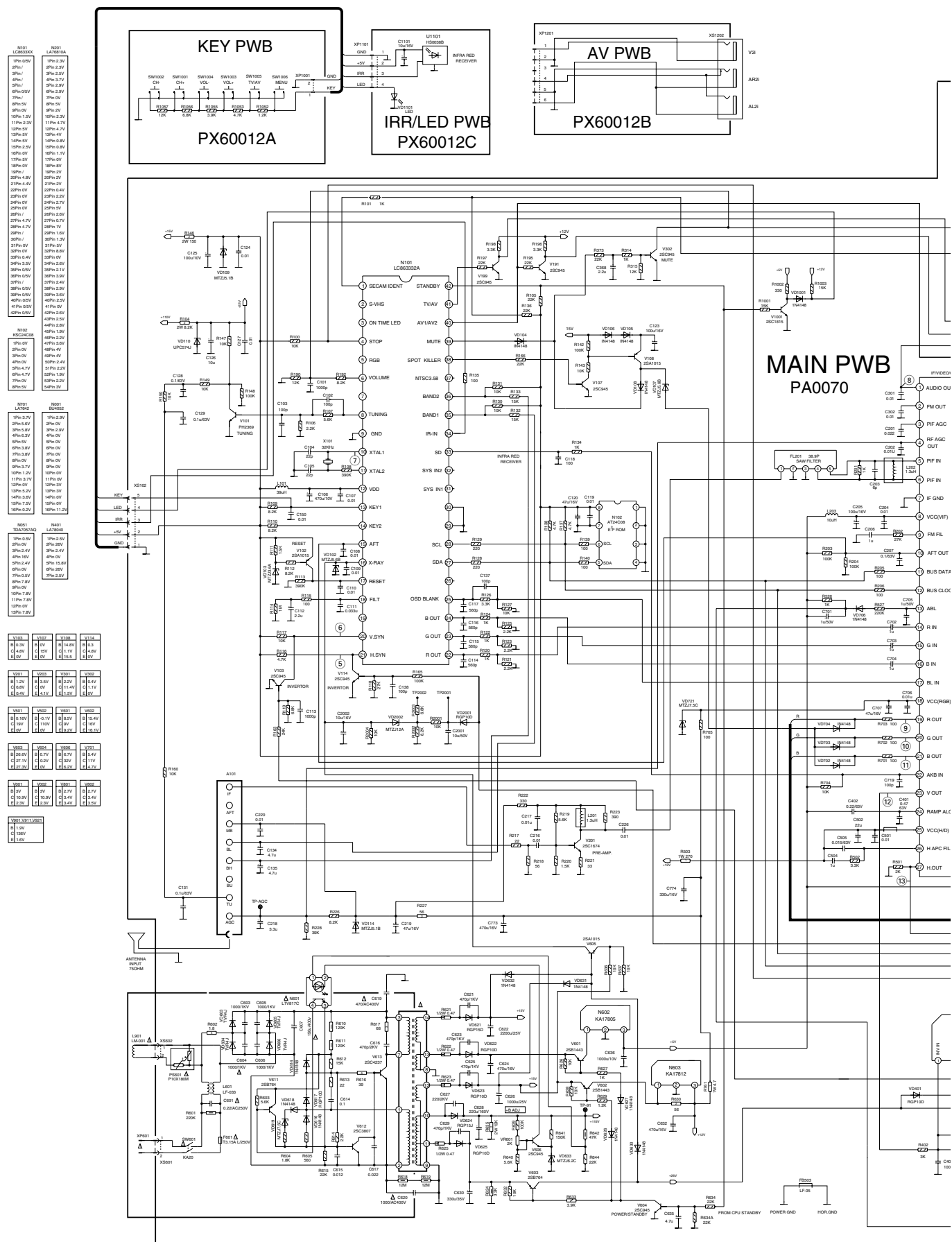


Schaltplan / Schematic Diagram T 55-5211





Schaltplan / Schematic Diagram TF 55-5211





The schematic diagram illustrates the electrical connections between three primary PCBs in a VCR system:

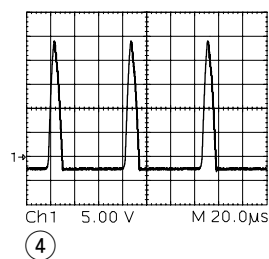
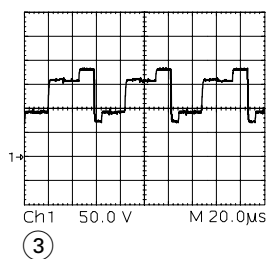
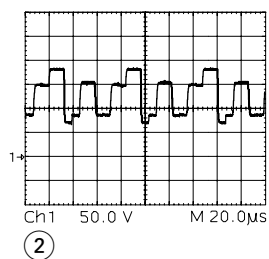
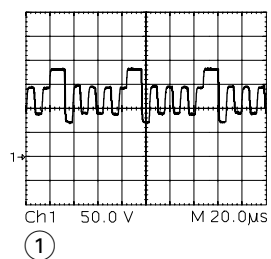
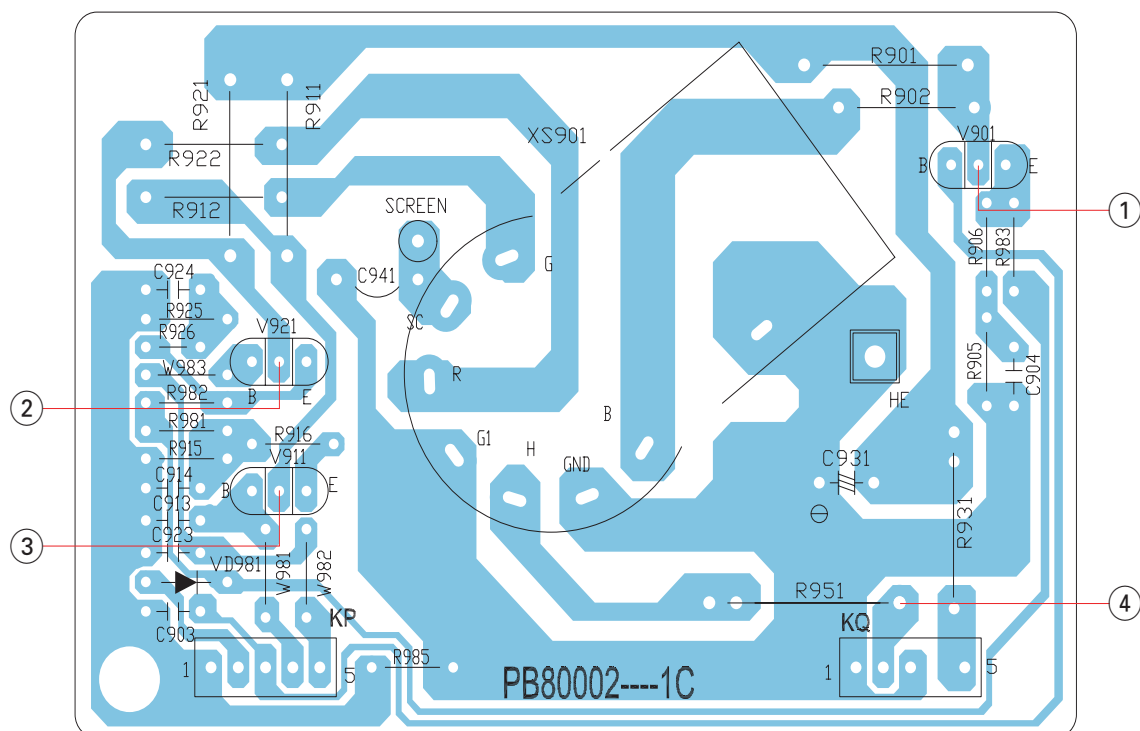
- AV+KEY PWB PX40014A:** This board handles the video input and control signals. It features an INFRARED RECEIVER (V101) and an INFRARED TRANSMITTER (V102). Key components include resistors R101 through R108, capacitors C101 through C108, and the N101 LC863332A IC. It also includes a power supply section with a transformer and a power supply IC (N101).
- AV PWB PX40014B:** This board is responsible for audio and video processing. It includes an INFRARED RECEIVER (V101) and an INFRARED TRANSMITTER (V102). Key components include resistors R101 through R108, capacitors C101 through C108, and the N101 LC863332A IC. It also includes a power supply section with a transformer and a power supply IC (N101).
- MAIN PWB PA0072:** This board is the central processing unit. It includes an INFRARED RECEIVER (V101) and an INFRARED TRANSMITTER (V102). Key components include resistors R101 through R108, capacitors C101 through C108, and the N101 LC863332A IC. It also includes a power supply section with a transformer and a power supply IC (N101).

The diagram shows the intricate wiring and component placement for each board, ensuring proper signal flow and power distribution throughout the VCR system.

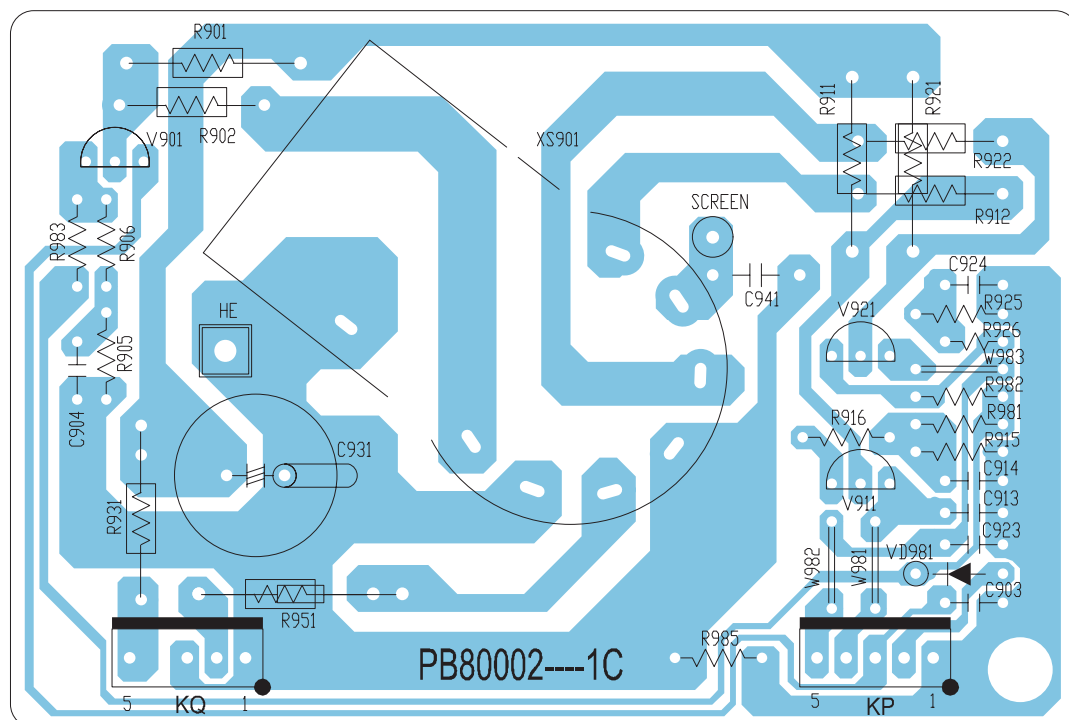


Bildrohrplatte / CRT Panel P 37-5211

Lötseite, Ansicht von unten
Solder Side, Bottom View

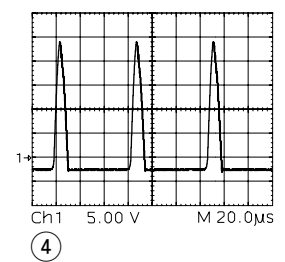
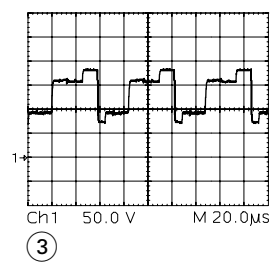
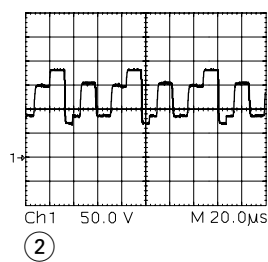
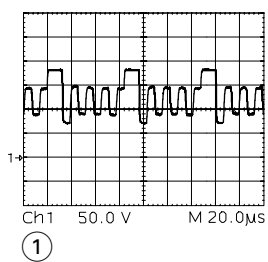
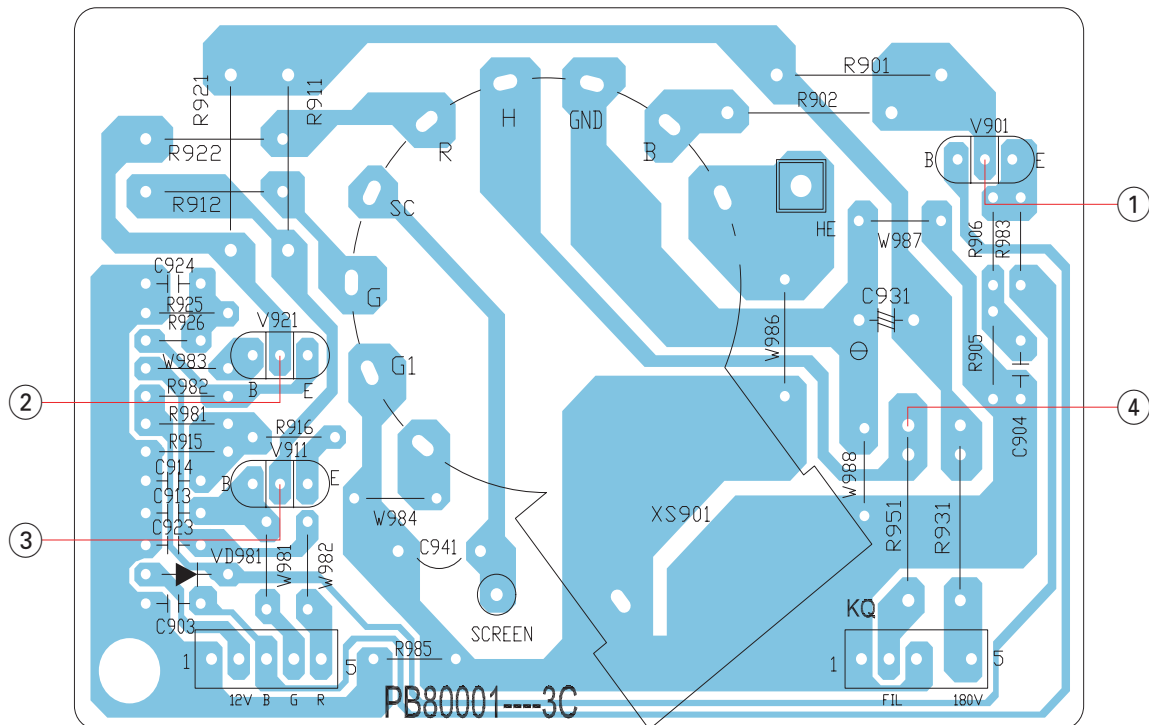


Bestückungsseite, Ansicht von oben
Component Side, Top View

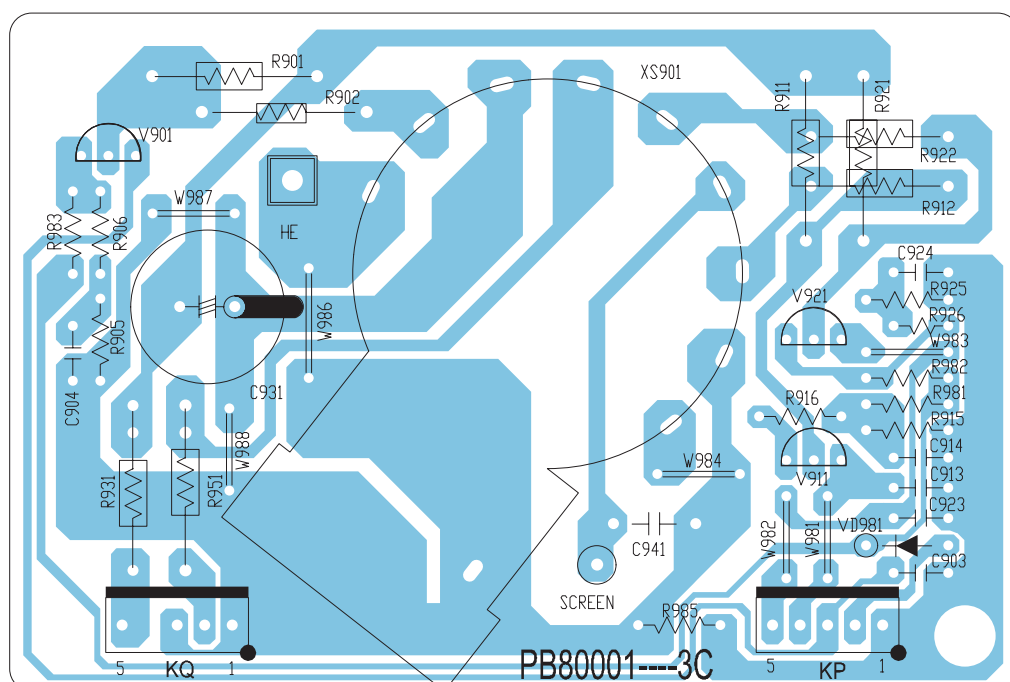


Bildrohrplatte / CRT Panel T/TF 55-5211

Lötseite, Ansicht von unten
Solder Side, Bottom View

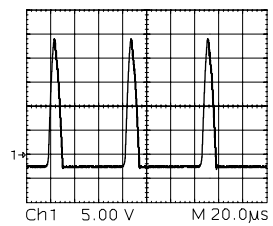
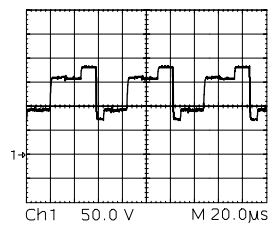
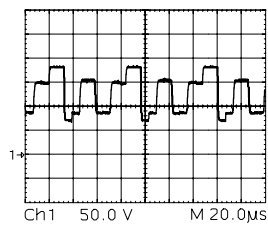
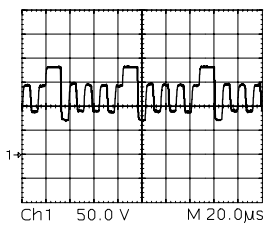
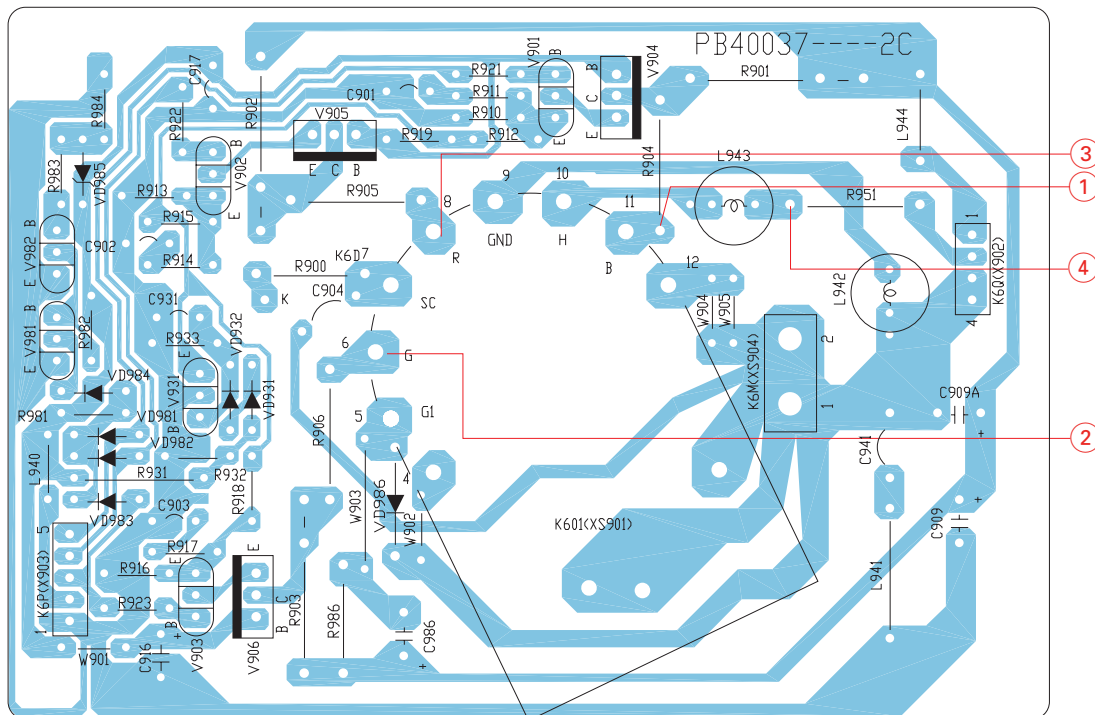


Bestückungsseite, Ansicht von oben
Component Side, Top View

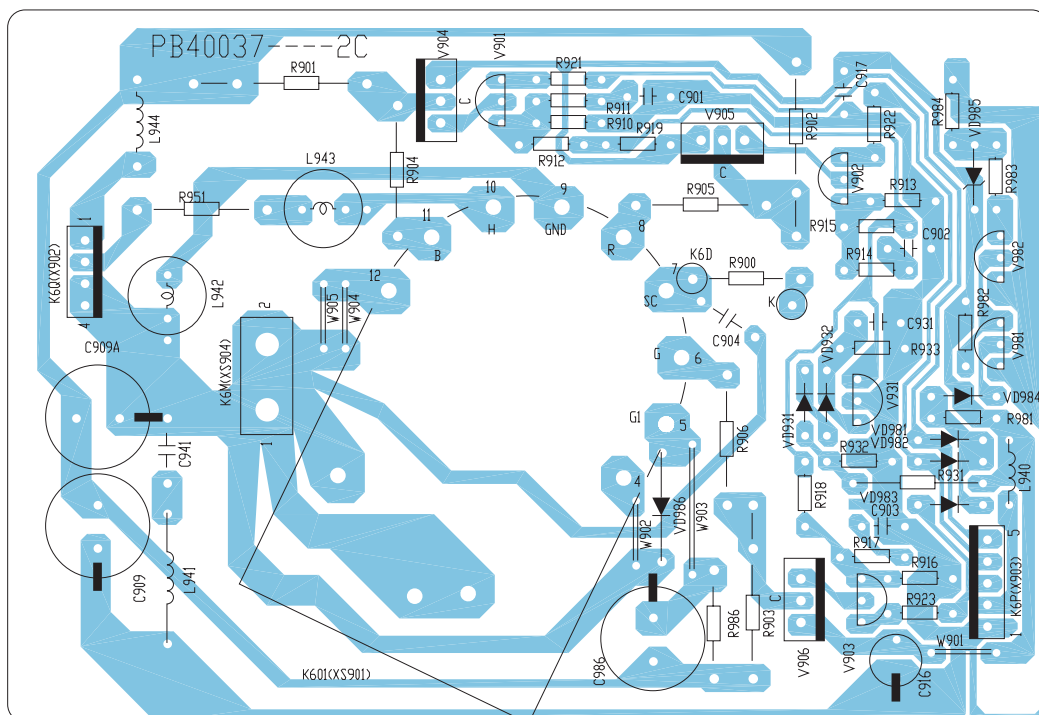


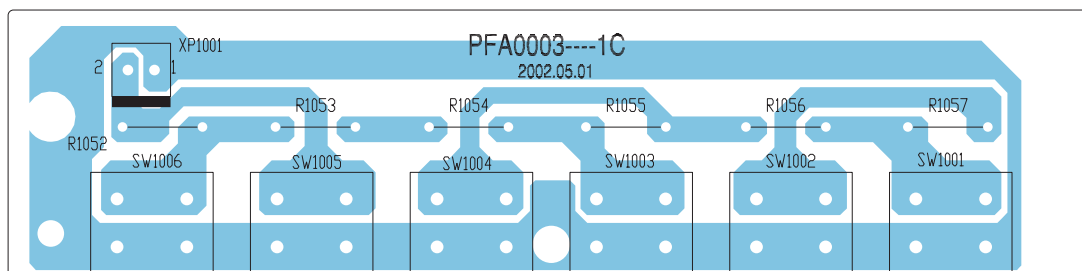
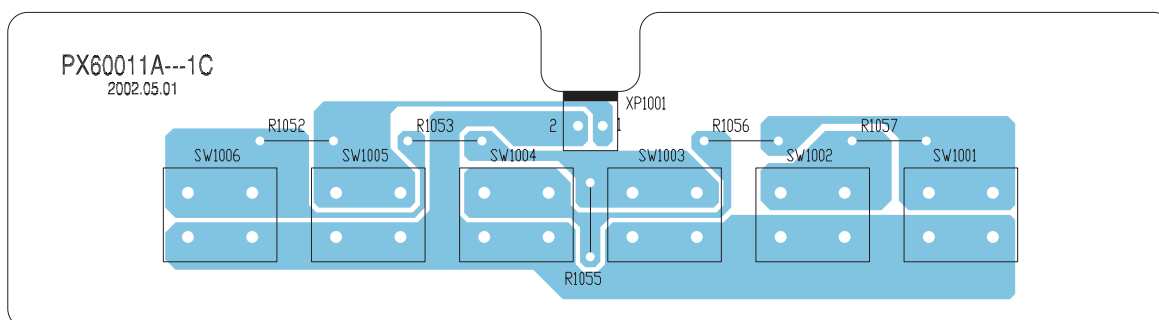
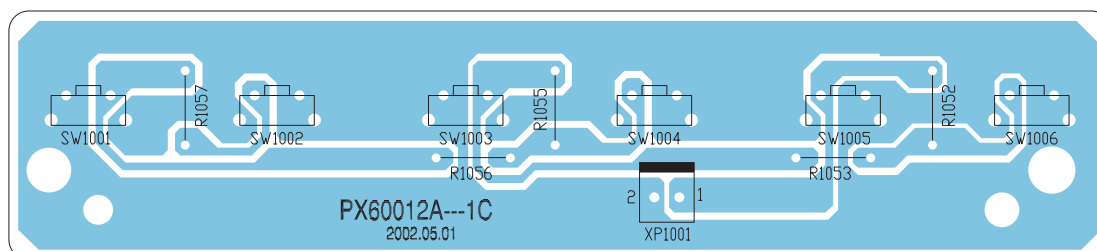
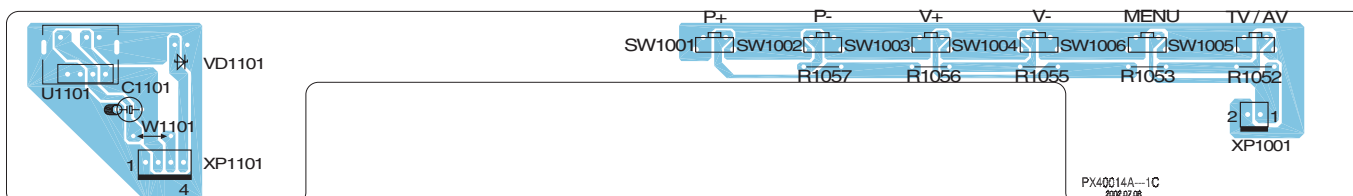
Bildrohrplatte / CRT Panel TF 72-5211

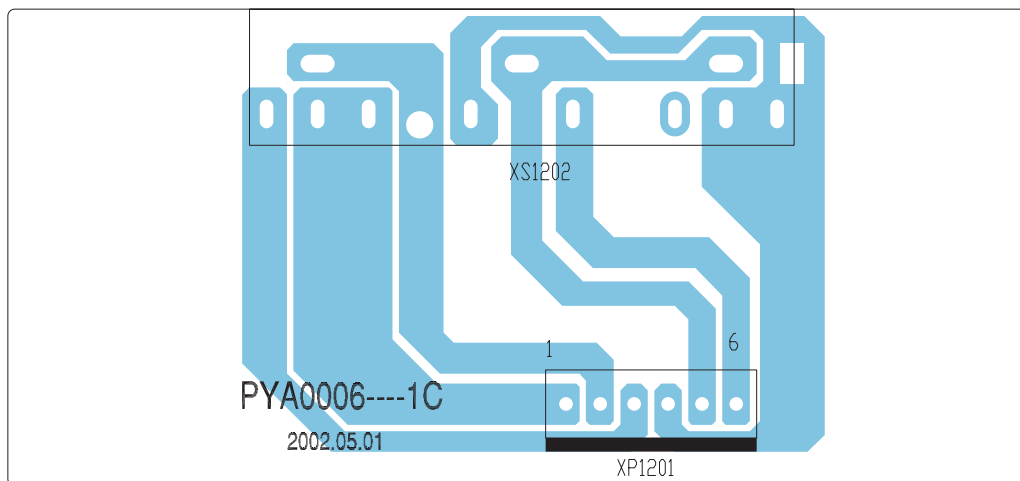
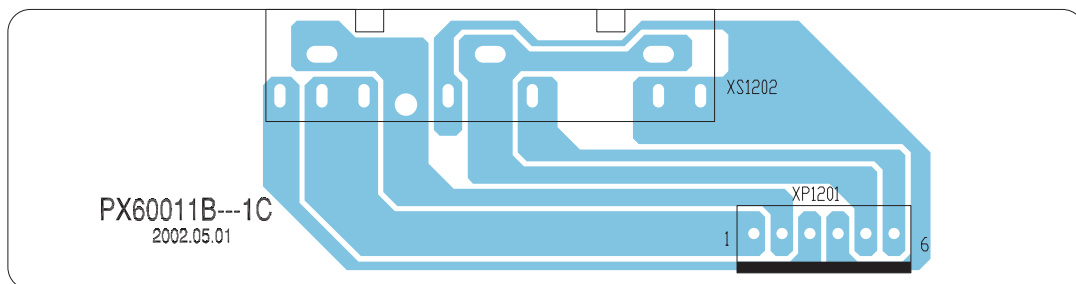
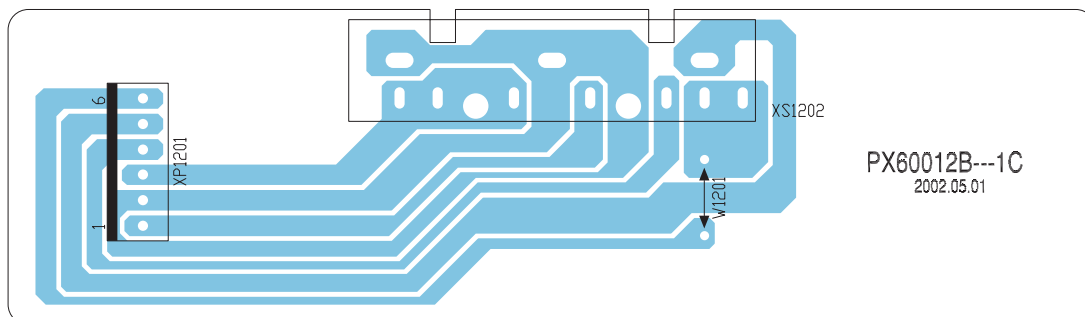
Lötseite, Ansicht von unten
Solder Side, Bottom View

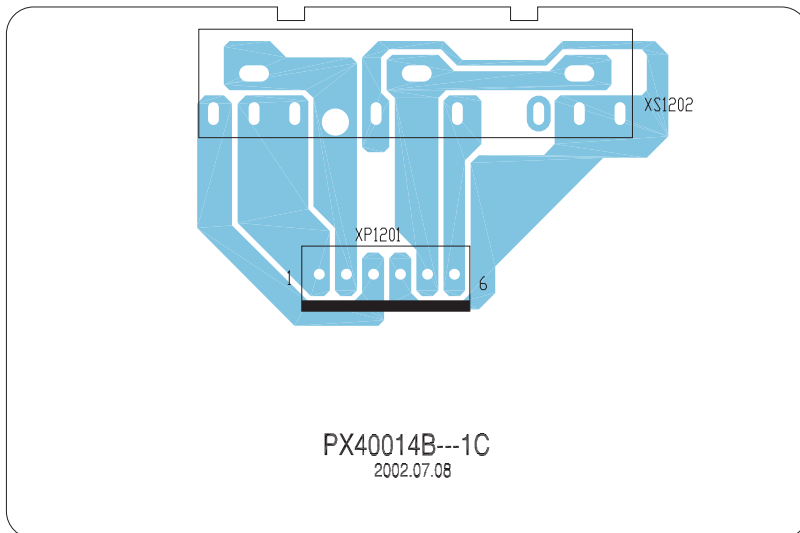
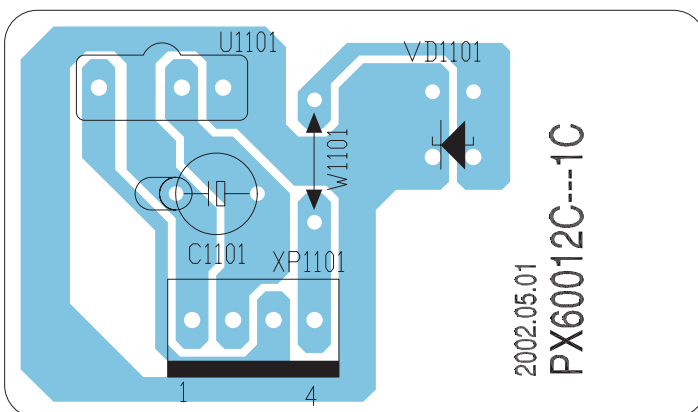


Bestückungsseite, Ansicht von oben
Component Side, Top View



Keyboard P 37-5211**Bestückungsseite, Ansicht von oben / Component Side, Top View****Keyboard T 55-5211****Bestückungsseite, Ansicht von oben / Component Side, Top View****Keyboard TF 55-5211****Bestückungsseite, Ansicht von oben / Component Side, Top View****Keyboard TF 72-5211****Bestückungsseite, Ansicht von oben / Component Side, Top View**

AV-Platte / AV Board P 37-5211**Bestückungsseite, Ansicht von oben / Component Side, Top View****AV-Platte / AV Board T 55-5211****Bestückungsseite, Ansicht von oben / Component Side, Top View****AV-Platte / AV Board TF 55-5211****Bestückungsseite, Ansicht von oben / Component Side, Top View**

AV-Platte / AV Board TF 72-5211**Bestückungsseite, Ansicht von oben / Component Side, Top View****IRR/LED-Platte / IRR/LED Board TF 55-5211****Bestückungsseite, Ansicht von oben / Component Side, Top View**

Ersatzteilliste
Spare Parts List

7 / 2002

ARCANCE 37 P 37-5211

MATERIAL-NR. / PART NO.: 720126001100
BESTELL-NR. / ORDER NO.: GBA6600

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		720126001100		ARCANCE 37 P 37-5211 KEIN E-TEIL	ARCANCE 37 P 37-5211 NO SPARE PART
0200.000		759550596400		GEH-VORDERTEIL KPL	CABINET FRONT CPL
0218.000		759550596600		TASTE NETZ	KEY POWER
0300.000		759550596500		GEH-RUECKTEIL	CABINET REAR
1100.000	△	759550589000		BILDR. A34JQQ90*94	PICT. TUBE A34JQQ90*94
2100.000	△	096411279700		NETZKABEL M.FLACHSTECKER	MAINS CABLE W. FLAT PLUG
2300.000	△	759550590700		FERNBEDIENUNG TP741C/EXS7D	REMOTE CONTROL TP741C/EXS7D
		720117004000		BDA ARCANCE E/F/RU	OPERATION INSTRUCTIONS E/F/RU
		720117004100		BDA ARCANCE ARABISCH	OPERATION INSTRUCTIONS ARABISCH
		720100447000		SERVICE MANUAL	SERVICE MANUAL

POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION	POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION
A 00101	759550594900	TUNER 5V470M38,9	L 00901	△ 759550596300	SPULE ENTMAGNETISIERUNG 14"
C 00050	759813150100	KONDENS.1000UF 25V	N 00001	759540292000	IC HEF 4052 B
C 00414	845299618700	ELKO 1000UF 20% 35V CB	N 00051	759550592400	IC TDA7057AQ
C 00511	759550595700	FOKO MPP 6,8NF 1,6KV 5%	N 00101	759550592300	IC LC86F3348A
C 00522	759550595800	KERKO 560PF2KVRM	N 00102	759550589500	IC AT24C08 PROG.
C 00601	△ 759550459000	KONDENS 220NF275V-AC	N 00201	759550592200	IC LA7681OA
C 00603	865009051000	KERKO HV 1000PF 20% 1KV	N 00401	759550592100	IC LA78040
C 00604	865009051000	KERKO HV 1000PF 20% 1KV	N 00601	△ 759907008700	OPTOKOPPLER LTV817B
C 00605	865009051000	KERKO HV 1000PF 20% 1KV	N 00602	759550448600	IC KA7805AB
C 00606	865009051000	KERKO HV 1000PF 20% 1KV	N 00603	830520576400	IC TY40164 MOT/ L7812CVG
C 00607	845209711500	ELKO SNT #40 150UF 385V/4	N 00701	759550592000	IC LA7642
C 00616	759550594600	KERKO 470PF2KVRM7,5			
C 00619	△ 759880104500	SI-KERKO C 470PF 10% 400V	PS 00601	△ 759550591900	PTC MI73-18 (3PIN)
C 00620	△ 759550594500	SI-KERKO C-SS1000PF400V/A			
C 00621	759550594400	KERKO470PF1KV	R 00104	△ 759550593800	WIDERST OMR8,2KOHM2W
C 00622	845299615000	ELKO 2200UF 20% 25V CB	R 00146	△ 759550593700	WIDERST OMR150OHM2W
C 00623	759550594400	KERKO470PF1KV	R 00227	△ 759550592700	MOW 0617 56 OHM 5% AV619
C 00625	759550594400	KERKO470PF1KV	R 00404	△ 759550595900	MOW 0411 2,2 OHM 5% AV619
C 00626	759813150100	KONDENS.1000UF 25V	R 00503	△ 759550593500	WIDERST OMR270OHM1W
C 00629	759550594400	KERKO470PF1KV	R 00507	△ 759550593400	WIDERST OMR270OHM2W
C 00636	845299606400	ELKO 1000UF 20% 10V CB	R 00513	759550593300	WIDERST UNFR3,9OHM5W
C 00941	759550596100	KERKO 1000PF2KVRM	R 00525	△ 759550593200	WIDERST OMR12KOHM1W
			R 00602	759550593100	WIDERST UNFR 1,8OHM5W
F 00601	△ 831562200300	SI 5X20 T3,15A L 250V	R 00616	759550593000	WIDERST UNFR 39OHM5W
FL 00201	759550594300	OFWFL SAW38,9MHZ	R 00617	△ 759550592900	WIDERST 68OHM3W
L 00101	814052587200	DR AX 0309-GA 39UH 10%	R 00618	△ 759550599600	MSW 12MOHM 1/2W
L 00201	759550594200	FILTER 7X7 1,3UH	R 00619	△ 759550599600	MSW 12MOHM 1/2W
L 00202	759550594200	FILTER 7X7 1,3UH	R 00621	△ 759550592800	WIDERST 10HM1W
L 00203	814052592900	DR AX 0309-GA 10UH 10% <<	R 00622	△ 759550592800	WIDERST 10HM1W
L 00204	759550594100	SPULE OSZ 7X7 38,9MHZ	R 00623	△ 759550592800	WIDERST 10HM1W
L 00301	814052603500	DR 0309 15UH 5% AV619 -AM	R 00625	△ 759550592800	WIDERST 10HM1W
L 00501	759550594000	DR 15UH5%RM7,5	R 00630	△ 759550592700	MOW 0617 56 OHM 5% AV619
L 00601	△ 759550593900	EMIFIL LG-013	R 00635	△ 759550392900	MSW SI 0207 12KOHM2W PR02
			R 00760	△ 759550591800	WIDERST 82OHM1W
			R 00761	△ 759550455300	WIDERST 4,7OHM1W

ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION	POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION
R 00901	△ 870526910100	MOW 0617 15 KOHM 5% AV619	VD 00614	830921504500	DIODE 1N4148 AV619 -GA
R 00911	△ 870526910100	MOW 0617 15 KOHM 5% AV619	VD 00616	830921504500	DIODE 1N4148 AV619 -GA
R 00921	△ 870526910100	MOW 0617 15 KOHM 5% AV619	VD 00617	830956550500	DIODE RGP10D/1N4935 MOT/G
R 00931	△ 759550597400	MSW 3,3KOHM 1/2W	VD 00618	830921504500	DIODE 1N4148 AV619 -GA
R 00951	△ 759550596200	MOW 0617 3,9 OHM 5% AV619	VD 00619	759550590800	Z-DIODE MTZJ7,5C
			VD 00621	△ 759880511100	DIODE RGP15J
SP 00101	759550590200	LAUTSPRECHER 5W16OHM	VD 00622	△ 830956550500	DIODE RGP10D/1N4935 MOT/G
SP 00102	759550590200	LAUTSPRECHER 5W16OHM	VD 00623	△ 830956550500	DIODE RGP10D/1N4935 MOT/G
			VD 00624	△ 759880511100	DIODE RGP15J
SW 00601	△ 759550595300	NETZSCHALTER	VD 00625	△ 830956550500	DIODE RGP10D/1N4935 MOT/G
SW 01001	759550590500	DRUCKSCHALTER	VD 00626	830921504500	DIODE 1N4148 AV619 -GA
SW 01002	759550590500	DRUCKSCHALTER	VD 00627	830921504500	DIODE 1N4148 AV619 -GA
SW 01003	759550590500	DRUCKSCHALTER	VD 00630	830921504500	DIODE 1N4148 AV619 -GA
SW 01004	759550590500	DRUCKSCHALTER	VD 00631	830921504500	DIODE 1N4148 AV619 -GA
SW 01005	759550590500	DRUCKSCHALTER	VD 00632	830921504500	DIODE 1N4148 AV619 -GA
SW 01006	759550590500	DRUCKSCHALTER	VD 00633	759540357000	Z-DIODE MTZJ 6,2 A
			VD 00702	830921504500	DIODE 1N4148 AV619 -GA
T 00501	759550591700	UEBERTRAGER	VD 00703	830921504500	DIODE 1N4148 AV619 -GA
T 00502	△ 759550596000	TRAFO DIODEN-SPLIT	VD 00704	830921504500	DIODE 1N4148 AV619 -GA
T 00601	△ 759550591500	TRAFO SPERRWANDLER	VD 00706	830921504500	DIODE 1N4148 AV619 -GA
			VD 00721	759550590800	Z-DIODE MTZJ7,5C
V 00001	759870500000	TRANS 2SC945P	VD 00751	759550590800	Z-DIODE MTZJ7,5C
V 00002	759870500000	TRANS 2SC945P	VD 00981	830921504500	DIODE 1N4148 AV619 -GA
V 00101	830292001100	TRANS PH2369 PHI	VD 01001	830921504500	DIODE 1N4148 AV619 -GA
V 00102	759550239600	TRANS 2SA 1015	VD 02001	830956550500	DIODE RGP10D/1N4935 MOT/G
V 00103	759870500000	TRANS 2SC945P	VD 02002	759880604200	Z-DIODE MTZJ 12 A
V 00107	759870500000	TRANS 2SC945P			
V 00108	759550239600	TRANS 2SA 1015	VR 00601	759550595000	REGLER 2KOHM
V 00114	759870500000	TRANS 2SC945P			
V 00191	759870500000	TRANS 2SC945P	X 00101	759880544800	KERAMIK RESONATOR 32KHZ
V 00199	759870500000	TRANS 2SC945P	X 00701	759550394400	QUARZ 4,43MHZ HC-49/U
V 00201	759550591400	TRANS 2SC1674			
V 00203	759550239600	TRANS 2SA 1015	XS 00901	△ 759550590600	BILDROHRFASSUNG GZS8-6-5D
V 00301	759870500000	TRANS 2SC945P			
V 00302	759870500000	TRANS 2SC945P			
V 00501	759550591300	TRANS KSC23830			
V 00502	759550591200	TRANS 2SD1651C			
V 00601	759550591100	TRANS 2SB1443			
V 00602	759550591100	TRANS 2SB1443			
V 00701	759870500000	TRANS 2SC945P			
V 00801	759550239600	TRANS 2SA 1015			
V 00802	759550239600	TRANS 2SA 1015			
V 00901	759880586100	TRANS. 2 SC 2482 C			
V 00911	759880586100	TRANS. 2 SC 2482 C			
V 00921	759880586100	TRANS. 2 SC 2482 C			
V 01001	759870500000	TRANS 2SC945P			
VD 00102	759880604100	Z-DIODE MTZJ 5,6 B			
VD 00103	759875752600	Z-DIODE MTZJ 3,6 A			
VD 00104	830921504500	DIODE 1N4148 AV619 -GA			
VD 00105	830921504500	DIODE 1N4148 AV619 -GA			
VD 00106	830921504500	DIODE 1N4148 AV619 -GA			
VD 00107	759880604100	Z-DIODE MTZJ 5,6 B			
VD 00108	830921504500	DIODE 1N4148 AV619 -GA			
VD 00109	759880596300	Z-DIODE MTZJ 5,1 B			
VD 00110	759880511300	IC UPC574J			
VD 00112	759550590400	LED-DIODE FG314002 ROT			
VD 00114	759880596300	Z-DIODE MTZJ 5,1 B			
VD 00401	830956550500	DIODE RGP10D/1N4935 MOT/G			
VD 00501	759880524400	DIODE MTZJ8,2B			
VD 00504	830956550700	DIODE RGP10J/1N4937 MOT/G			
VD 00525	830956550700	DIODE RGP10J/1N4937 MOT/G			
VD 00603	759550592600	DIODE TTVR4J			
VD 00604	759550592600	DIODE TTVR4J			
VD 00605	759550592600	DIODE TTVR4J			
VD 00606	759550592600	DIODE TTVR4J			

Es gelten die Vorschriften und Sicherheitshinweise gemäß dem Service Manual "Sicherheit", Mat.-Nummer 720108000000, sowie zusätzlich die eventuell abweichenden, landesspezifischen Vorschriften!



The regulations and safety instructions shall be valid as provided by the "Safety" Service Manual, part number 720108000000, as well as the respective national deviations.

ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

GRUNDIG

TV

Ersatzteilliste
Spare Parts List

7 / 2002

ARCANCE 55 T 55-5211

MATERIAL-NR. / PART NO.: 720126001110
BESTELL-NR. / ORDER NO.: GBA6500

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG D	DESCRIPTION GB
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		720126001110		ARCANCE 55 T 55-5211 KEIN E-TEIL	ARCANCE 55 T 55-5211 NO SPARE PART
0200.000		759550596700		GEH-VORDETEIL KPL	CABINET FRONT CPL
0218.000		759550596900		TASTE NETZ	KEY POWER
0300.000		759550596800		GEH-RUECKTEIL	CABINET REAR
1100.000	△	759550589100		BILDR. A51JXSO98*96	PICT. TUBE A51JXSO98*96
2100.000	△	096411279700		NETZKABEL M.FLACHSTECKER	MAINS CABLE W. FLAT PLUG
2300.000		759550590700		FERNBEDIENUNG TP741C/EXS7D	REMOTE CONTROL TP741C/EXS7D
		720117004000		BDA ARCANCE E/F/RU	OPERATION INSTRUCTIONS E/F/RU
		720117004100		BDA ARCANCE ARABISCH	OPERATION INSTRUCTIONS ARABISCH
		720100447000		SERVICE MANUAL	SERVICE MANUAL

POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION	POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION
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A 00101	759550594900	TUNER 5V470M38,9	N 00001	759540292000	IC HEF 4052 B
C 00050	759813150100	KONDENS.1000UF 25V	N 00051	759550592400	IC TDA7057AQ
C 00404	845299618700	ELKO 1000UF 20% 35V CB	N 00101	759550592300	IC LC86F3348A
C 00414	845299618700	ELKO 1000UF 20% 35V CB	N 0102	759550589500	IC AT24C08 PROG.
C 00511	759550594800	FOKO MPP9,1NF1,6KV5%	N 0103	759550592500	IC HS0038A2
C 00522	759550595100	KERKO 680PF2KVRM	N 0201	759550592200	IC LA7681OA
C 00601	△ 759550459000	KONDENS 220NF275V-AC	N 0401	759550592100	IC LA78040
C 00603	865009051000	KERKO HV 1000PF 20% 1KV	N 0601	△ 759907008700	OPTOKOPPLER LTV817B
C 00604	865009051000	KERKO HV 1000PF 20% 1KV	N 0602	759550448600	IC KA7805AB
C 00605	865009051000	KERKO HV 1000PF 20% 1KV	N 0603	830520576400	IC TY40164 MOT/ L7812CVG
C 00606	865009051000	KERKO HV 1000PF 20% 1KV	N 0701	759550592000	IC LA7642
C 00607	845209711500	ELKO SNT #40 150UF 385V/4	PS 00601	△ 759550591900	PTC MI73-18 (3PIN)
C 00616	759550594600	KERKO 470PF2KVRM7,5	R 00104	△ 759550593800	WIDERST OMR8,2KOHM2W
C 00619	△ 759880104500	SI-KERKO C 470PF 10% 400V	R 00146	△ 759550593700	WIDERST OMR150OHM2W
C 00620	△ 759550594500	SI-KERKO C-SS1000PF400V/A	R 00227	△ 759550592700	MOW 0617 56 OHM 5% AV619
C 00621	759550594400	KERKO470PF1KV	R 00404	△ 759550593800	WIDERST OMR1,5OHM1W
C 00622	845299615000	ELKO 2200UF 20% 25V CB	R 00503	△ 759550593500	WIDERST OMR270OHM1W
C 00623	759550594400	KERKO470PF1KV	R 00507	△ 759550593400	WIDERST OMR270OHM2W
C 00625	759550594400	KERKO470PF1KV	R 00513	△ 759550593300	WIDERST UNFR3,9OHM5W
C 00626	759813150100	KONDENS.1000UF 25V	R 00525	△ 759550593200	WIDERST OMR12KOHM1W
C 00629	759550594400	KERKO470PF1KV	R 00602	△ 759550593100	WIDERST UNFR 1,8OHM5W
C 00636	845299606400	ELKO 1000UF 20% 10V CB	R 00616	△ 759550593000	WIDERST UNFR 39OHM5W
C 00941	865009051900	KERKO HV A 2200PF 20% 2KV	R 00617	△ 759550592900	WIDERST 68OHM3W
F 00601	△ 831562200300	SI 5X20 T3,15A L 250V	R 00618	△ 759550599600	MSW 12MOHM 1/2W
FL 00201	759550594300	OFWFIL SAW38,9MHZ	R 00619	△ 759550599600	MSW 12MOHM 1/2W
L 00101	814052587200	DR AX 0309-GA 39UH 10%	R 00621	△ 759550592800	WIDERST 1OHM1W
L 00201	759550594200	FILTER 7X7 1,3UH	R 00622	△ 759550592800	WIDERST 1OHM1W
L 00202	759550594200	FILTER 7X7 1,3UH	R 00623	△ 759550592800	WIDERST 1OHM1W
L 00203	814052582900	DR AX 0309-GA 10UH 10% <<	R 00625	△ 759550592800	WIDERST 1OHM1W
L 00204	759550594100	SPULE OSZ 7X7 38,9MHZ	R 00630	△ 759550592700	MOW 0617 56 OHM 5% AV619
L 00301	814052603500	DR 0309 15UH 5% AV619 -AM	R 00635	△ 759550392900	MSW SI 0207 12KOHM2W PR02
L 00501	759550595200	DR 1UH5%RM7,5	R 00760	△ 759550591800	WIDERST 82OHM1W
L 00601	△ 759550593900	EMIFIL LG-013	R 00761	△ 759550455300	WIDERST 4,7OHM1W
L 00901	△ 759550590300	SPULE ENTMAGNETISIERUNG 21"	R 00901	△ 870526910100	MOW 0617 15 KOHM 5% AV619
			R 00911	△ 870526910100	MOW 0617 15 KOHM 5% AV619
			R 00921	△ 870526910100	MOW 0617 15 KOHM 5% AV619

ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION	POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION
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R 00931	△ 759550597400	MSW 3,3KOHM 1/2 W	VD 00618	830921504500	DIODE 1N4148 AV619 -GA
R 00951	△ 759550595600	MOW 0617 1,5 OHM 5% AV619	VD 00619	759550590800	Z-DIODE MTZJ7,5C
SP 00101	759550590200	LAUTSPRECHER 5W16OHM	VD 00621	△ 759880511100	DIODE RGP15J
SP 00102	759550590200	LAUTSPRECHER 5W16OHM	VD 00622	△ 830956550500	DIODE RGP10D/1N4935 MOT/G
SW 00601	△ 759550595300	NETZSCHALTER	VD 00623	△ 830956550500	DIODE RGP10D/1N4935 MOT/G
SW 01001	759550590500	DRUCKSCHALTER	VD 00624	△ 759880511100	DIODE RGP15J
SW 01002	759550590500	DRUCKSCHALTER	VD 00625	△ 830956550500	DIODE RGP10D/1N4935 MOT/G
SW 01003	759550590500	DRUCKSCHALTER	VD 00626	830921504500	DIODE 1N4148 AV619 -GA
SW 01004	759550590500	DRUCKSCHALTER	VD 00627	830921504500	DIODE 1N4148 AV619 -GA
SW 01005	759550590500	DRUCKSCHALTER	VD 00630	830921504500	DIODE 1N4148 AV619 -GA
SW 01006	759550590500	DRUCKSCHALTER	VD 00631	830921504500	DIODE 1N4148 AV619 -GA
T 00501	759550591700	UEBERTRAGER	VD 00632	830921504500	DIODE 1N4148 AV619 -GA
T 00502	△ 759550595400	TRAFO DIODEN-SPLIT	VD 00633	759540357000	Z-DIODE MTZJ 6,2 A
T 00601	△ 759550595500	TRAFO SPERRWANDLER	VD 00702	830921504500	DIODE 1N4148 AV619 -GA
V 00001	759870500000	TRANS 2SC945P	VD 00703	830921504500	DIODE 1N4148 AV619 -GA
V 00002	759870500000	TRANS 2SC945P	VD 00704	830921504500	DIODE 1N4148 AV619 -GA
V 00101	830292001100	TRANS PH2369 PHI	VD 00706	830921504500	DIODE 1N4148 AV619 -GA
V 00102	759550239600	TRANS 2SA 1015	VD 00721	759550590800	Z-DIODE MTZJ7,5C
V 00103	759870500000	TRANS 2SC945P	VD 00751	759550590800	Z-DIODE MTZJ7,5C
V 00107	759870500000	TRANS 2SC945P	VD 00981	830921504500	DIODE 1N4148 AV619 -GA
V 00108	759550239600	TRANS 2SA 1015	VD 01001	830921504500	DIODE 1N4148 AV619 -GA
V 00114	759870500000	TRANS 2SC945P	VD 02001	830956550500	DIODE RGP10D/1N4935 MOT/G
V 00191	759870500000	TRANS 2SC945P	VD 02002	759880604200	Z-DIODE MTZJ 12 A
V 00199	759870500000	TRANS 2SC945P	VR 00601	759550595000	REGLER 2KOHM
V 00201	759550591400	TRANS 2SC1674	X 00101	759880544800	KERAMIK RESONATOR 32KHZ
V 00203	759550239600	TRANS 2SA 1015	X 00701	759550394400	QUARZ 4,43MHZ HC-49/U
V 00301	759870500000	TRANS 2SC945P	XS 00901	△ 759550590600	BILDROHRFASSUNG GZS8-6-5D
V 00302	759870500000	TRANS 2SC945P			
V 00501	759550591300	TRANS KSC2383O			
V 00502	759550591200	TRANS 2SD1651C			
V 00601	759550591100	TRANS 2SB1443			
V 00602	759550591100	TRANS 2SB1443			
V 00701	759870500000	TRANS 2SC945P			
V 00801	759550239600	TRANS 2SA 1015			
V 00802	759550239600	TRANS 2SA 1015			
V 00901	759880586100	TRANS. 2 SC 2482 C			
V 00911	759880586100	TRANS. 2 SC 2482 C			
V 00921	759880586100	TRANS. 2 SC 2482 C			
V 01001	759870500000	TRANS 2SC945P			
VD 00102	759880604100	Z-DIODE MTZJ 5,6 B			
VD 00103	759875752600	Z-DIODE MTZJ 3,6 A			
VD 00104	830921504500	DIODE 1N4148 AV619 -GA			
VD 00105	830921504500	DIODE 1N4148 AV619 -GA			
VD 00106	830921504500	DIODE 1N4148 AV619 -GA			
VD 00107	759880604100	Z-DIODE MTZJ 5,6 B			
VD 00108	830921504500	DIODE 1N4148 AV619 -GA			
VD 00109	759880596300	Z-DIODE MTZJ 5,1 B			
VD 00110	759880511300	IC UPC574J			
VD 00112	759550590400	LED-DIODE FG314002 ROT			
VD 00114	759880596300	Z-DIODE MTZJ 5,1 B			
VD 00401	830956550500	DIODE RGP10D/1N4935 MOT/G			
VD 00501	759880524400	DIODE MTZJ8,2B			
VD 00504	830956550700	DIODE RGP10J/1N4937 MOT/G			
VD 00525	830956550700	DIODE RGP10J/1N4937 MOT/G			
VD 00603	759550592800	DIODE TTVR4J			
VD 00604	759550592800	DIODE TTVR4J			
VD 00605	759550592800	DIODE TTVR4J			
VD 00606	759550592800	DIODE TTVR4J			
VD 00614	830921504500	DIODE 1N4148 AV619 -GA			
VD 00616	830921504500	DIODE 1N4148 AV619 -GA			
VD 00617	830956550500	DIODE RGP10D/1N4935 MOT/G			

Es gelten die Vorschriften und Sicherheitshinweise gemäß dem Service Manual "Sicherheit", Mat.-Nummer 720108000000, sowie zusätzlich die eventuell abweichenden, landesspezifischen Vorschriften!



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ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

GRUNDIG

TV

Ersatzteilliste
Spare Parts List

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ARCANCE 55 FLAT TF 55-5211

MATERIAL-NR. / PART NO.: 720126001120
BESTELL-NR. / ORDER NO.: GBA6400

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		720126001120		ARCANCE 55 FLAT TF 55-521 KEIN E-TEIL	ARCANCE 55 FLAT TF 55-521 NO SPARE PART
0200.000		759550597000		GEH-VORDERTEIL KPL	CABINET FRONT CPL
0300.000		759550597100		GEH-RUECKTEIL	CABINET REAR
1100.000	△	759550589200		BILDR. A51QDX992*001	PICT. TUBE A51QDX992*001
2100.000	△	096411279700		NETZKABEL M.FLACHSTECKER	MAINS CABLE W. FLAT PLUG
2300.000		759550590700		FERNBEDIENUNG TP741C/EXS7D	REMOTE CONTROL TP741C/EXS7D
		720117004000		BDA ARCANCE E/F/RU	OPERATION INSTRUCTIONS E/F/RU
		720117004100		BDA ARCANCE ARABISCH	OPERATION INSTRUCTIONS ARABISCH
		720100447000		SERVICE MANUAL	SERVICE MANUAL

POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION	POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION
A 00101	759550594900	TUNER 5V470M38,9	N 00051	759550592400	IC TDA7057AQ
C 00050	759813150100	KONDENS.1000UF 25V	N 00101	759550592300	IC LC86F3348A
C 00404	845299618700	ELKO 1000UF 20% 35V CB	N 00102	759550589500	IC AT24C08 PROG.
C 00414	845299618700	ELKO 1000UF 20% 35V CB	N 00201	759550592200	IC LA7681OA
C 00511	759550594800	FOKO MPP9,1NF1,6KV5%	N 00401	759550592100	IC LA78040
C 00522	759550594700	KERKO220PF2KV	N 06001	759907008700	OPTOKOPPLER LTV81B7
C 06001	759550459000	KONDENS 220NF275V-AC	N 06002	759550448600	IC KA7805AB
C 06003	865009051000	KERKO HV 1000PF 20% 1KV	N 06003	830520576400	IC TY40164 MOT/ L7812CVG
C 06004	865009051000	KERKO HV 1000PF 20% 1KV	N 00701	759550592000	IC LA7642
C 06005	865009051000	KERKO HV 1000PF 20% 1KV	PS 00601	759550591900	PTC MI73-18 (3PIN)
C 06006	865009051000	KERKO HV 1000PF 20% 1KV	R 00104	759550593800	WIDERST OMR8,2KOHM2W
C 06007	845209711500	ELKO SNT #40 150UF 385V/4	R 00146	759550593700	WIDERST OMR150OHM2W
C 06016	759550594600	KERKO 470PF2KVRM7,5	R 00227	759550592700	MOW 0617 56 OHM 5% AV619
C 06019	759880104500	SI-KERKO C 470PF 10% 400V	R 00404	759550593600	WIDERST OMR1,5OHM1W
C 00620	759550594500	SI-KERKO C-SS1000PF400V/A	R 00503	759550593500	WIDERST OMR270OHM1W
C 00621	759550594400	KERKO470PF1KV	R 00507	759550593400	WIDERST OMR270OHM2W
C 00622	845299615000	ELKO 2200UF 20% 25V CB	R 00513	759550593300	WIDERST UNFR3,9OHM5W
C 00623	759550594400	KERKO470PF1KV	R 00525	759550593200	WIDERST OMR12KOHM1W
C 00625	759550594400	KERKO470PF1KV	R 00602	759550593100	WIDERST UNFR 1,8OHM5W
C 00626	759813150100	KONDENS.1000UF 25V	R 00616	759550593000	WIDERST UNFR 39OHM5W
C 00629	759550594400	KERKO470PF1KV	R 00617	759550592900	WIDERST 68OHM3W
C 00636	845299606400	ELKO 1000UF 20% 10V CB	R 00618	759550599600	MSW 12MOHM 1/2W
C 00941	865009051900	KERKO HV A 2200PF 20% 2KV	R 00619	759550599600	MSW 12MOHM 1/2W
F 00601	831562200300	SI 5X20 T3,15A L 250V	R 00621	759550592800	WIDERST 10HM1W
FL 00201	759550594300	OFWFIL SAW38,9MHZ	R 00622	759550592800	WIDERST 10HM1W
L 00101	814052587200	DR AX 0309-GA 39UH 10%	R 00623	759550592800	WIDERST 10HM1W
L 00201	759550594200	FILTER 7X7 1,3UH	R 00625	759550592800	WIDERST 10HM1W
L 00202	759550594200	FILTER 7X7 1,3UH	R 00630	759550592700	MOW 0617 56 OHM 5% AV619
L 00203	814052592900	DR AX 0309-GA 10UH 10% <<	R 00635	759550392900	MSW SI 0207 12KOHM2W PR02
L 00204	759550594100	SPULE OSZ 7X7 38,9MHZ	R 00760	759550591800	WIDERST 82OHM1W
L 00301	814052603500	DR 0309 15UH 5% AV619 -AM	R 00761	759550455300	WIDERST 4,7OHM1W
L 00501	759550594000	DR 15UH5%RM7,5	R 00901	870526910100	MOW 0617 15 KOHM 5% AV619
L 00601	759550593900	EMIFIL LG-013	R 00911	870526910100	MOW 0617 15 KOHM 5% AV619
L 00901	759550590300	SPULE ENTMAGNETISIERUNG 21"	R 00921	870526910100	MOW 0617 15 KOHM 5% AV619
N 00001	759540292000	IC HEF 4052 B	R 00931	759550597400	MSW 3,3KOHM 1/2W
			R 00951	870526901700	MOW 0617 4,7 OHM 5% DRA A

ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION	POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION
SP 00101	759550590200	LAUTSPRECHER 5W16OHM	VD 00619	759550590800	Z-DIODE MTZJ7,5C
SP 00102	759550590200	LAUTSPRECHER 5W16OHM	VD 00621	759880511100	DIODE RGP15J
SW 00601	759550590100	NETZSCHALTER	VD 00622	830956550500	DIODE RGP10D/1N4935 MOT/G
SW 01001	759550590500	DRUCKSCHALTER	VD 00623	830956550500	DIODE RGP10D/1N4935 MOT/G
SW 01002	759550590500	DRUCKSCHALTER	VD 00624	759880511100	DIODE RGP15J
SW 01003	759550590500	DRUCKSCHALTER	VD 00625	830956550500	DIODE RGP10D/1N4935 MOT/G
SW 01004	759550590500	DRUCKSCHALTER	VD 00626	830921504500	DIODE 1N4148 AV619 -GA
SW 01005	759550590500	DRUCKSCHALTER	VD 00627	830921504500	DIODE 1N4148 AV619 -GA
SW 01006	759550590500	DRUCKSCHALTER	VD 00630	830921504500	DIODE 1N4148 AV619 -GA
			VD 00631	830921504500	DIODE 1N4148 AV619 -GA
			VD 00632	830921504500	DIODE 1N4148 AV619 -GA
T 00501	759550591700	UEBERTRAGER	VD 00633	759540357000	Z-DIODE MTZJ 6,2 A
T 00502	759550591600	TRAFO DIODEN-SPLIT	VD 00702	830921504500	DIODE 1N4148 AV619 -GA
T 00601	759550591500	TRAFO SPERRWANDLER	VD 00703	830921504500	DIODE 1N4148 AV619 -GA
U 01101	759550592500	IC HS0038A2	VD 00704	830921504500	DIODE 1N4148 AV619 -GA
V 00001	759870500000	TRANS 2SC945P	VD 00706	830921504500	DIODE 1N4148 AV619 -GA
V 00002	759870500000	TRANS 2SC945P	VD 00721	759550590800	Z-DIODE MTZJ7,5C
V 00101	830292001100	TRANS PH2369 PHI	VD 00751	759550590800	Z-DIODE MTZJ7,5C
V 00102	759550239600	TRANS 2SA 1015	VD 00981	830921504500	DIODE 1N4148 AV619 -GA
V 00103	759870500000	TRANS 2SC945P	VD 01001	830921504500	DIODE 1N4148 AV619 -GA
V 00107	759870500000	TRANS 2SC945P	VD 01101	759550590400	LED-DIODE FG314002 ROT
V 00108	759550239600	TRANS 2SA 1015	VD 02001	830956550500	DIODE RGP10D/1N4935 MOT/G
V 00114	759870500000	TRANS 2SC945P	VD 02002	759880604200	Z-DIODE MTZJ 12 A
V 00191	759870500000	TRANS 2SC945P	VR 00601	759550595000	REGLER 2KOHM
V 00199	759870500000	TRANS 2SC945P	X 00101	759880544800	KERAMIK RESONATOR 32KHZ
V 00201	759550591400	TRANS 2SC1674	X 00701	759550394400	QUARZ 4,43MHZ HC-49/U
V 00203	759550239600	TRANS 2SA 1015	XS 00901	759550590600	BILDROHRFASSUNG GZS8-6-5D
V 00301	759870500000	TRANS 2SC945P			
V 00302	759870500000	TRANS 2SC945P			
V 00501	759550591300	TRANS KSC2383C			
V 00502	759550591200	TRANS 2SD1651C			
V 00601	759550591100	TRANS 2SB1443			
V 00602	759550591100	TRANS 2SB1443			
V 00701	759870500000	TRANS 2SC945P			
V 00801	759550239600	TRANS 2SA 1015			
V 00802	759550239600	TRANS 2SA 1015			
V 00901	759880586100	TRANS 2 SC 2482 C			
V 00911	759880586100	TRANS 2 SC 2482 C			
V 00921	759880586100	TRANS 2 SC 2482 C			
V 01001	759870500000	TRANS 2SC945P			
VD 00102	759880604100	Z-DIODE MTZJ 5,6 B			
VD 00103	759875752600	Z-DIODE MTZJ 3,6 A			
VD 00104	830921504500	DIODE 1N4148 AV619 -GA			
VD 00105	830921504500	DIODE 1N4148 AV619 -GA			
VD 00106	830921504500	DIODE 1N4148 AV619 -GA			
VD 00107	759880604100	Z-DIODE MTZJ 5,6 B			
VD 00108	830921504500	DIODE 1N4148 AV619 -GA			
VD 00109	759880596300	Z-DIODE MTZJ 5,1 B			
VD 00110	759880511300	IC UPC574J			
VD 00112	759550590400	LED-DIODE FG314002 ROT			
VD 00114	759880596300	Z-DIODE MTZJ 5,1 B			
VD 00401	830956550500	DIODE RGP10D/1N4935 MOT/G			
VD 00501	759880524400	DIODE MTZJ8,2B			
VD 00504	830956550700	DIODE RGP10J/1N4937 MOT/G			
VD 00525	830956550700	DIODE RGP10J/1N4937 MOT/G			
VD 00603	759550592600	DIODE TTVR4J			
VD 00604	759550592600	DIODE TTVR4J			
VD 00605	759550592600	DIODE TTVR4J			
VD 00606	759550592600	DIODE TTVR4J			
VD 00614	830921504500	DIODE 1N4148 AV619 -GA			
VD 00616	830921504500	DIODE 1N4148 AV619 -GA			
VD 00617	830956550500	DIODE RGP10D/1N4935 MOT/G			
VD 00618	830921504500	DIODE 1N4148 AV619 -GA			

Es gelten die Vorschriften und Sicherheitshinweise gemäß dem Service Manual "Sicherheit", Mat.-Nummer 720108000000, sowie zusätzlich die eventuell abweichenden, landesspezifischen Vorschriften!



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ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

Ersatzteilliste
Spare Parts List

8 / 2002

ARCANCE 72 FLAT TF 72-5211

MATERIAL-NR. / PART NO.: 720126001130
BESTELL-NR. / ORDER NO.: GBA6300

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		720126001130		ARCANCE 72 FLAT TF 72-5211 KEIN E-TEIL	ARCANCE 72 FLAT TF 72-5211 NO SPARE PART
0200.000		759550597200		GEH-VORDELTEIL KPL	CABINET FRONT CPL
0300.000		759550597300		GEH-RUECKTEIL	CABINET REAR
1100.000		759550589300		BILDR. A68CPBB00*01NOVEL	PICT. TUBE A68CPBB00*01NOVEL
2100.000	△	096411279700		NETZKABEL M.FLACHSTECKER KPL.	MAINS CABLE W. FLAT PLUG
2300.000	△	759550590700		FERNBEDIENUNG TP741C/ EXS7D	REMOTE CONTROL TP741C/EXS7D
		720117004000		BDA ARCANCE E/F/RU	OPERATION INSTRUCTIONS E/F/RU
		720117004100		BDA ARCANCE ARABISCH	OPERATION INSTRUCTIONS ARABISCH
		720100447000		SERVICE MANUAL	SERVICE MANUAL

POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION	POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION
A 00101	759550594900	TUNER 5V470M38,9	L 00601	△ 759550597800	EMIFIL LG 013
C 00050	759813150100	KONDENS.1000UF 25V	L 00602	759550597900	EMIFIL LG 011
C 00404	845299618700	ELKO 1000UF 20% 35V CB	L 00901	△ 759550599100	SPULE ENTMAGNETISIERUNG 29"
C 00414	841516619100	ELKO 2200UF 20% 35V <<< CB	LW 00633	814052592900	DR AX 0309-GA 10UH 10% <<<
C 00511	759550594800	FOKO MPP9,1NF1,6KV5%	N 00001	759540292000	IC HEF 4052 B
C 00522	759550594700	KERKO220PF2KV	N 00051	759550592400	IC TDA7057AQ
C 00601	△ 759550459000	KONDENS 220NF275V-AC	N 00101	759550592300	IC LC86F3348A
C 00602	△ 759550459000	KONDENS 220NF275V-AC	N 00102	759550589500	IC AT24C08 PROG.
C 00603	865009051000	KERKO HV 1000PF 20% 1KV	N 00103	759550592500	IC HS0038A2
C 00604	865009051000	KERKO HV 1000PF 20% 1KV	N 00201	759550592200	IC LA7681OA
C 00605	865009051000	KERKO HV 1000PF 20% 1KV	N 00401	759550598000	IC LA78045
C 00606	865009051000	KERKO HV 1000PF 20% 1KV	N 00402	830533814500	IC TDA8145
C 00607	759550594400	KERKO470PF1KV	N 00601	△ 759907008700	OPTOKOPPLER LTV817B
C 00616	759550595100	KERKO 680PF2KVRM	N 00602	759550448600	IC KA7805AB
C 00619	△ 759880104500	SI-KERKO C 470PF 10% 400V	N 00603	830520576400	IC TY40164 MOT/ L7812CVG AT
C 00620	△ 759550594500	SI-KERKO C-SS1000PF400V/AC	N 00701	759550592000	IC LA7642
C 00621	759550594400	KERKO470PF1KV	PS 00601	759550591900	PTC MI73-18 (3PIN)
C 00622	845299615000	ELKO 2200UF 20% 25V CB	R 00104	△ 759550593800	MOW 0617 8,2 KOHM 2W
C 00623	759550594400	KERKO470PF1KV	R 00146	△ 759550593700	MOW 0617 150 OHM 2W
C 00626	759813150100	KONDENS.1000UF 25V	R 00227	△ 759550592700	MOW 0617 56 OHM 5% AV619 -
C 00627	759550594700	KERKO220PF2KV	R 00404	△ 759550592800	WIDERST 10OHM1W
C 00629	759550594400	KERKO470PF1KV	R 00426	△ 759550599400	MSW 220OHM2W
C 00636	845299606400	ELKO 1000UF 20% 10V CB	R 00427	△ 759902002700	MOW 0411 68 KOHM 2W AX
F 00601	△ 831562200300	SI 5X20 T3,15A L 250V	R 00503	△ 759550593500	MOW 0411 270 OHM 2W
FL 00201	759550594300	OFWFIL SAW38,9MHZ	R 00507	△ 759550593400	MOW 0617 270 OHM 2W
K 00601	△ 759550597600	BILDROHRFASSUNG GZS10	R 00510	△ 876504407300	MSW 0414 1 KOHM 5% TK100 /0
L 00101	814052587200	DR AX 0309-GA 39UH 10%	R 00513	759550593300	WIDERST UNFR3,9OHM5W
L 00201	759550594200	FILTER 7X7 1,3UH	R 00525	△ 759550593200	MOW 0411 12 KOHM 1W
L 00202	759550594200	FILTER 7X7 1,3UH	R 00602	759550593100	WIDERST UNFR 1,8OHM5W
L 00203	814052592900	DR AX 0309-GA 10UH 10% <<<	R 00616	759550593000	WIDERST UNFR 39OHM5W
L 00204	759550594100	SPULE OSZ 7X7 38,9MHZ	R 00617	759550599500	WIDERST UNFR RX27-1-5W-680H
L 00301	814052603500	DR 0309 15UH 5% AV619 -AMMO	R 00618	△ 759550599600	MSW 12MOHM1/2W
L 00501	759550597700	BRUECKENSPULE 019	R 00619	△ 759550599600	MSW 12MOHM1/2W
			R 00621	△ 876632699300	MSW 0207 0,47 OHM 5% TK100

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GRUNDIG

TV

POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION	POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION
R 00622	△ 876632699300	MSW 0207 0,47 OHM 5% TK100	VD 01001	830921504500	DIODE 1N4148 AV619 -GA
R 00623	△ 876632699300	MSW 0207 0,47 OHM 5% TK100	VD 00102	759880604100	Z-DIODE MTZJ 5,6 B
R 00625	△ 876632699300	MSW 0207 0,47 OHM 5% TK100	VD 00103	759875725600	Z-DIODE MTZJ 3,6 A
R 00630	△ 759550592700	MOW 0617 56 OHM 5% AV619 -	VD 00104	830921504500	DIODE 1N4148 AV619 -GA
R 00635	△ 759550392900	MSW SI 0207 12KOHM2W PR02	VD 00105	830921504500	DIODE 1N4148 AV619 -GA
R 00760	△ 759550591800	WIDERST 82OHM1W	VD 00106	830921504500	DIODE 1N4148 AV619 -GA
R 00761	△ 759550455300	WIDERST 4,7OHM1W	VD 00107	759880604100	Z-DIODE MTZJ 5,6 B
R 00901	△ 870526910100	MOW 0617 15 KOHM 5% AV619 -	VD 00108	830921504500	DIODE 1N4148 AV619 -GA
R 00902	△ 870526910100	MOW 0617 15 KOHM 5% AV619 -	VD 00109	759880596300	Z-DIODE MTZJ 5,1 B
R 00903	△ 870526910100	MOW 0617 15 KOHM 5% AV619 -	VD 00110	759880511300	IC UPC574J
R 00906A	870526901500	MOW 0617 3,9 OHM 5% DRA AV6	VD 01101	759550590400	LED-DIODE FG314002 ROT
			VD 00114	759880596300	Z-DIODE MTZJ 5,1 B
SP 00101	759550599200	LAUTSPRECHER 5W16OHM(YDT613	VD 02001	830956550500	DIODE RGP10D/1N4935 MOT/GP
SP 00102	759550599200	LAUTSPRECHER 5W16OHM(YDT613	VD 02002	759880604200	Z-DIODE MTZJ 12 A
			VD 00401	830956550500	DIODE RGP10D/1N4935 MOT/GP
SW 01001	759550599000	DRUCKSCHALTER (5MM)	VD 00411	830921504500	DIODE 1N4148 AV619 -GA
SW 01002	759550599000	DRUCKSCHALTER (5MM)	VD 00501	759880524400	DIODE MTZJ8,2B
SW 01003	759550599000	DRUCKSCHALTER (5MM)	VD 00502	759550598600	DIODE TRU4DS
SW 01004	759550599000	DRUCKSCHALTER (5MM)	VD 00503	759550598700	DIODE TRU4C
SW 01005	759550599000	DRUCKSCHALTER (5MM)	VD 00504	830956550700	DIODE RGP10J/1N4937 MOT/GP
SW 01006	759550599000	DRUCKSCHALTER (5MM)	VD 00525	830956550700	DIODE RGP10J/1N4937 MOT/GP
SW 00601	△ 759550599300	NETZSCHALTER KDC-A11	VD 00603	759550592600	DIODE TTVR4J
			VD 00604	759550592600	DIODE TTVR4J
T 00501	759550598100	UEBERTRAGER TX-0004	VD 00605	759550592600	DIODE TTVR4J
T 00502	△ 759550598200	TRAFO DIODEN-SPLIT(CF0801-6735)	VD 00606	759550592600	DIODE TTVR4J
T 00601	△ 759550598300	TRAFO SPERRWANDLER (BCK-50)	VD 00614	830921504500	DIODE 1N4148 AV619 -GA
			VD 00616	830921504500	DIODE 1N4148 AV619 -GA
V 00001	759870500000	TRANS 2SC945P	VD 00617	830956550500	DIODE RGP10D/1N4935 MOT/GP
V 01001	759870500000	TRANS 2SC945P	VD 00618	830921504500	DIODE 1N4148 AV619 -GA
V 00101	830292001100	TRANS PH2369 PHI	VD 00619	759550590800	Z-DIODE MTZJ7,5C
V 00102	759550239600	TRANS 2SA 1015	VD 00621	△ 759880511100	DIODE RGP15J
V 00103	759870500000	TRANS 2SC945P	VD 00622	△ 830956550500	DIODE RGP10D/1N4935 MOT/GP
V 00107	759870500000	TRANS 2SC945P	VD 00623	△ 830956550500	DIODE RGP10D/1N4935 MOT/GP
V 00108	759550239600	TRANS 2SA 1015	VD 00624	△ 759880511100	DIODE RGP15J
V 00114	759870500000	TRANS 2SC945P	VD 00625	△ 830956550500	DIODE RGP10D/1N4935 MOT/GP
V 00191	759870500000	TRANS 2SC945P	VD 00626	830921504500	DIODE 1N4148 AV619 -GA
V 00199	759870500000	TRANS 2SC945P	VD 00627	830921504500	DIODE 1N4148 AV619 -GA
V 00002	759870500000	TRANS 2SC945P	VD 00630	830921504500	DIODE 1N4148 AV619 -GA
V 00201	759550591400	TRANS 2SC1674	VD 00631	830921504500	DIODE 1N4148 AV619 -GA
V 00203	759550239600	TRANS 2SA 1015	VD 00632	830921504500	DIODE 1N4148 AV619 -GA
V 00301	759870500000	TRANS 2SC945P	VD 00633	759540357000	Z-DIODE MTZJ 6,2 A
V 00302	759870500000	TRANS 2SC945P	VD 00702	830921504500	DIODE 1N4148 AV619 -GA
V 00401	759550598400	TRANS KSA940	VD 00703	830921504500	DIODE 1N4148 AV619 -GA
V 00501	759550591300	TRANS KSC2383O	VD 00704	830921504500	DIODE 1N4148 AV619 -GA
V 00502	759550598500	TRANS J.FAF6810	VD 00706	830921504500	DIODE 1N4148 AV619 -GA
V 00601	759550591100	TRANS 2SB1443	VD 00721	759550590800	Z-DIODE MTZJ7,5C
V 00602	759550591100	TRANS 2SB1443	VD 00751	759550590800	Z-DIODE MTZJ7,5C
V 00603	759874452700	TRANS. 2 SB 764 E	VD 00931	830921504500	DIODE 1N4148 AV619 -GA
V 00604	759870500000	TRANS 2SC945P	VD 00932	830921504500	DIODE 1N4148 AV619 -GA
V 00605	759550239600	TRANS 2SA 1015	VD 00981	830921504500	DIODE 1N4148 AV619 -GA
V 00606	759870500000	TRANS 2SC945P	VD 00982	830921504500	DIODE 1N4148 AV619 -GA
V 00611	759874452700	TRANS. 2 SB 764 E	VD 00983	830921504500	DIODE 1N4148 AV619 -GA
V 00612	759550591000	TRANS 2SC3807	VD 00985	759550599700	Z-DIODE MTZJ6,8VA
V 00613	759550590900	TRANS 2SC4237	VD 00986	759550599800	DIODE GP15M
V 00701	759870500000	TRANS 2SC945P			
V 00801	759550239600	TRANS 2SA 1015	VR 00401	879200216400	ESTR.S6 100 KOHM LIN
V 00802	759550239600	TRANS 2SA 1015	VR 00402	759540202000	REGLER KVSF637AB 47KOHM
V 00901	759873569100	TRANS 2SC1815Y	VR 00403	759550599900	REGLER 10KOHM/RM7,5
V 00902	759873569100	TRANS 2SC1815Y	VR 00601	759550595000	REGLER 2KOHM
V 00903	759873569100	TRANS 2SC1815Y			
V 00904	759550598800	TRANS KSC2688	W 00901	△ 096411279700	NETZKABEL M.FLACHSTECKER KPL.
V 00905	759550598800	TRANS KSC2688			
V 00906	759550598800	TRANS KSC2688	X 00101	759880544800	KERAMIK RESONATOR 32KHZ
V 00931	759550598900	TRANS 2SA562TM	X 00701	759550394400	QUARZ 4,43MHZ HC-49/U
V 00981	759870500000	TRANS 2SC945P			
V 00982	759870500000	TRANS 2SC945P			

Es gelten die Vorschriften und Sicherheitshinweise gemäß dem Service Manual "Sicherheit", Mat.-Nummer 720108000000, sowie zusätzlich die eventuell abweichenden, landesspezifischen Vorschriften!



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ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION