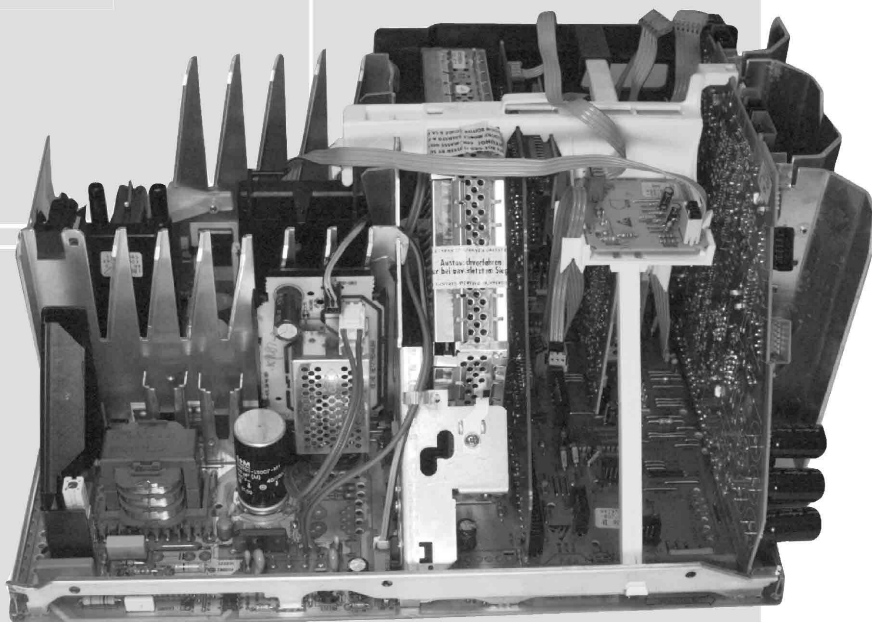


PFC



CUC 1931 Basic 3

ARGANTO 82 Flat
MFW 82 - 530/9 DVD
 GCL8740, VNM

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

Service Manual

CUC 1832
CUC 1930/31
 (Basic 3)

Materialnr./Part No.
 720100249000

Ergänzung Supplement

5

Materialnr./Part No.
 720100249500

Service Manual

Sicherheit
Safety

Materialnr./Part No.
 720108000000

Service Training

Basic 3

Materialnr./Part No.
 © 720103503700
 © 720103503750

Grundig Service

Hotline Deutschland...
 ...Mo.-Fr. 8.00-18.00 Uhr

Technik:

TV	0180/52318-41
TV	0180/52318-49
SAT	0180/52318-48
VCR/LiveCam	0180/52318-42
HiFi/Audio	0180/52318-43
Car Audio	0180/52318-44
Telekommunikation	0180/52318-45
Fax:	0180/52318-51
Planatron (8.00-22.00 Uhr)	0180/52318-99

Ersatzteil-Verkauf:

Mo.-Fr. 8.00-19.00 Uhr

Telefon: 0180/52318-40
 Fax: 0180/52318-50

Materialnummer/Part Number 720100249900

Änderungen vorbehalten/Subject to alteration • Printed in Germany

E-BS-SA 17 0401

<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.

PFC (Power Factor Correction)

Die PFC-Schaltung ist im Schaltplan Netz-Chassis mit "OPTION ①" gekennzeichnet.

Für die auf der Titelseite aufgeführten Chassis gilt das Service Manual CUC 1832/1930/1931 (Basic 3).

Diese Ergänzung dokumentiert die Unterschiede bzw. zusätzlichen Bestückungen der auf der Titelseite aufgeführten Geräte.

Grundlage für den Service sind:

- Service Manual CUC 1832/1930/1931 (Materialnummer 720100249000)
- 5. Ergänzung CUC 1832/1931 (Materialnummer 720100249500)
- Service Manual "Sicherheit" (Materialnummer 720108000000)

PFC (Power Factor Correction)

The PFC circuit is marked with "OPTION ①" in the circuit diagram mains chassis.

The Service Manual CUC 1832/1930/1931 (Basic 3) applies to the chassis specified on the front page.

This Manual describes the differences and the additionally fitted components of the TV receivers specified on the front page.

Basic instructions for servicing are given in the:

- Service Manual CUC 1832/1930/1931 (Part number 720100249000)
- Supplement 5 CUC 1832/1931 (Part number 720100249500)
- Service Manual "Safety" (Part number 720108000000)

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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.

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.

DOLBY-Hinweis

DOLBY und das Doppel-D-Symbol  sind Warenzeichen der Dolby Laboratories Licensing Corporation.

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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.

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.

DOLBY Hint

DOLBY and the double-D symbol  are trademarks of Dolby Laboratories Licensing Corporation.

Prozessor-Modul

Durch den Tausch des Prozessor-Moduls sind alle im NVM gespeicherten Daten (z.B. Abgleich, Sendereinstellungen) nicht mehr vorhanden.

Das Gerät muss mit den Mittelwerten / Notdatensatz (ROM-Daten) geladen werden:

Nahbedientaste "P-" gedrückt halten und das Gerät mit dem **Netzschalter** einschalten.

Durch diesen Vorgang werden die Grunddaten aus dem EPROM IC80070 in den NVM CIC80095 kopiert.

Der Software-Abgleich muss komplett durchgeführt werden (siehe Service Manual Materialnummer 720100249000 / Kapitel 2 Abgleich).

Processing Board

When changing the Processing Board, all data stored in the NVM (e.g. adjustment, channels) are cancelled.

The television set has to be loaded with the default values/emergency data set (ROM data):

Depress and hold the "P-" button down while switching the television set on with the **mains switch**.

In doing so the default values are loaded from EPROM IC80070 into NVM CIC80095.

The software has to be adjusted completely (see Service Manual, part number 720100249000 / chapter 2, Adjustment).

Modulaufstellung – Service Manual mit Ergänzungen

List of Modules – Service Manual with Supplements

Modul Module	Materialnummer Part Number	Service Manual CUC 1832 / 1930 / 1931	5. Ergänzung Supplement 5 CUC 1930 / 1931	9. Ergänzung Supplement 9 CUC 1931
		720100249000	720100249500	720100249900
Chassisplatte Chassis Board	29704007 . . .	Seite / Page 3-1		Seite / Page 15
Signal-Baustein Signal Module	295042620300			Seite / Page 42
Prozessor-Modul mit VGA Processing Board with VGA	295042031800		Seite / Page 17	
Feature Box	295042091300			Seite / Page 35
Bildrohrplatte CRT Panel	293051222900			Seite / Page 48
Fokussierungsplatte Focusing Board	293050253700	Seite / Page 3-83		Seite / Page 61
Rotations- und N/S-Trapezkorrekturplatte Rotation and N/S Trapezium Correction Board	293051291800		Seite / Page 28	
Netzteil Standby Mains Chassis Standby	293040508500			Seite / Page 47
Adapterplatte Adapter Board	293051291200			Seite / Page 62
Netzschafterplatte Mains Switch Board	293050870500		Seite / Page 25	
Keyboard	295010838000	Seite / Page 3-67	Seite / Page 27	
Dolby-Surround-Platte Dolby-Surround Board	295042041400			Seite / Page 51
EURO-AV-Buchsenplatte EURO-AV Socket Board	293051603700	Seite / Page 3-77		Seite / Page 63
Buchsenplatte Click Fit Click Fit Socket Board	293051606000	Seite / Page 3-87	Seite / Page 15	Seite / Page 59
DVD-Steuerplatte DVD Control Board	293051291700			Seite / Page 64
PIP-Baustein PIP Module	295042060100	Seite / Page 3-94		
SAT-Baustein SAT Module	295042220100	Seite / Page 3-89		
DVD:				
DVD-Einheit kpl. DVD Unit cpl.	296322560101			Service Manual 720100279100
DVD-Modul kpl. DVD Module cpl.	296383951201			Service Manual 720100279100

Modulübersicht / Module List

	Materialnummer Part Number	ARGANTO 82 Flat MFW 82 – 530/9 DVD (VNM) CUC 1931
Bestell-Nummer Order Number		GCL8740
Chassis-Nummer Chassis Number		297040073100
Tuner	295043010100	●
Signal-Baustein Signal Module	295042620300	●
Prozessor-Modul mit VGA Processing Board with VGA	295042031800	●
Feature Box	295042091300	●
Bildrohrplatte CRT Panel	293051222900	●
Fokussierungsplatte Focusing Board	293050253700	●
Rotations- und N/S-Trapezkorrekturplatte Rotation and N/S Trapezium Correction Board	293051291800	●
Netzteil Standby Mains Chassis Standby	293040508500	●
Adapterplatte Adapter Board	293051291200	●
Netzschalterplatte Mains Switch Board	293050870500	●
Keyboard	295010838000	●
Dolby-Surround-Platte Dolby-Surround Board	295042041400	●
Euro-AV-Buchsenplatte Euro-AV Socket Board	293051603700	●
Buchsenplatte Click Fit Click Fit Socket Board	293051606000	●
DVD-Steuerplatte DVD Control Board	293051291700	●
DVD: DVD-Einheit kpl. DVD Unit cpl. DVD-Modul kpl. DVD Module cpl.	296322560101	●
	296383951201	●
PIP 5 nachrüstbar PIP 5 retrofittable	GAE2000	●
PIP 6 nachrüstbar PIP 6 retrofittable	GAE7300	ww / or
SAT-Baustein SER 300 nachrüstbar SAT Module SER 300 retrofittable	GAE3700	●
SAT-Baustein SER 300a nachrüstbar SAT Module SER 300a retrofittable	GAE9000	ww / or
TP120DC	296420610600	●

Technische Daten / Technical Data

	ARGANTO 82 Flat MFW 82 – 530/9 DVD (VNM) CUC 1931
Bildröhre / Picture Tube	
Sichtbares Bild Visible picture	76cm
Bildschirmdiagonale Screen diagonal	16:9, 82cm (32") MEGATRON Flat, Real Flat, Black Line S, CCS/TARAS, Invar, Philips/106°
Formatumschaltung Format switching	4:3, Cinema Zoom (432 Zeilen/lines), Panorama Zoom, Format Automatic, 16:9, automatische Umschaltung auf PALplus / automatic change to PALplus
Bildwechselfrequenz Vertical frequency	100Hz
Elektronik / Electronic	
Programmspeicherplätze Programme positions	99 + 5 AV (199 TV/SAT + 59 Radio + 5 AV bei Nachrüstung SAT / when retrofitted with SAT)
TV Guide	ja / yes
Easy dialog	ja / yes
Tuner	PLL Frequenz Synthesizer Tuning UHF/VHF, globale Pinbelegung PLL frequency synthesizer tuning UHF/VHF, global pinning
TV-Normen TV Standards	PAL, SECAM, NTSC 4.43MHz + 3.58MHz, B/G, L/L', I, DK/K', M
Stereo-Systeme Stereo systems	Deutsch A2 / German A2 (B/G/D/K) Nicom 5.85 (BG, L) + 6.52MHz (I)
Videotext Teletext	Megatext Level 2.5, VPS, 512 Seiten Megatext level 2.5, VPS, 512 pages
Musikleistung mit DPL Music power with DPL	Stereo 5-Kanal 120W / Stereo 5-channel 120W: 40W (4Ω) Subwoofer + 2x20W (4Ω) L/R + 20W (4Ω) center + 20W (2 x 8Ω) rear
Musikleistung ohne externe LS Music power without external LS	Stereo 3-Kanal 80W / Stereo 3-channel 80W: 40W Subwoofer + 2x20W L/R
PIP/Signalbaustein mit Splitter PIP/Signal module with splitter	nachrüstbar mit Modul SET PIP 5 retrofitable with Module SET PIP 5
PIP/SAT	nachrüstbar mit Modul SET PIP 6 retrofitable with Module SET PIP 6
SAT	nachrüstbar mit SAT-Baustein SER 300/SER 300a retrofitable with SAT Module SER 300/SER 300a
Anschlüsse Front / Connections Front	
Kopfhörer Headphones	Stereo 3,5mm Klinkenbuchse, Lautstärke regelbar, individuelle Tonkanalwahl bei 2-Ton-Empfang Stereo 3.5mm jack, adjustable volume, individual channel selection with dual-sound broadcasts
Cinch-AV-Buchse Cinch-AV socket	1x FBAS Video / in 1x CCVS Video / in 2x Audio / in (AV 4 Position)
S-Video	4-polige Buchse Y-Chroma / in 4-pin socket Y-Chroma / in (AV 4 Position)
Anschlüsse Rückwand / Connections Rear Panel	
Euro AV 1 (schwarz/black)	FBAS Ein-/Ausgang, RGB Eingang, SBAS Ein-/Ausgang, Megalogic, Datalink für VCR Fernbedienung, Decoder, 16:9 / Pin 8 CCVS in-/output, RGB input, SCVS in-/output, Megalogic, datalink for VCR remote control, decoder capable, 16:9 / Pin 8
Euro AV 2 (orange)	DVD (FBAS Ein-/Ausgang, RGB Eingang, SBAS Eingang, Datalink für VCR Fernbedienung, Decoder, 16:9 Erkennung / Pin 8) DVD (CCVS in-/output, RGB input, SCVS input, datalink for VCR remote control, decoder capable, 16:9 detection / Pin 8)
Euro AV 3 (blau/blue)	FBAS Ein-/Ausgang, SBAS Ein-/Ausgang, Datalink für VCR-Fernbedienung, 16:9 / Pin 8 CCVS in-/output, SCVS in-/output, datalink for VCR remote control, 16:9 / Pin 8
Standard VGA / 2 Cinch NF/in Standard VGA / 2 Cinch AF/in	Bildschirmauflösung / Screen resolution 640X480, 31,5kHz/60Hz, Textmode 31,5kHz/70Hz (AV 5 Position)
Cinch-NF-Buchsen Ausgang Cinch-AF sockets output	Audio Stereoausgang mit regelbarem oder konstantem Pegel Audio stereo output with variable or constant level
Netzteil / Mains Stage	
Netzspannung (Regelbereich) Mains voltage (variable)	230V±15%
Netzfrequenz Mains frequency	50 / 60Hz
Leistungsaufnahme Power consumption	ca. 170W
Standby	ca. 3W

Ausbauhinweise

Vor dem Öffnen des Gehäuses zuerst den Netzstecker ziehen!

Leitungsverlegung

Bevor Sie die Leitungen und insbesondere die Masseleitungen lösen, muss die Leitungsverlegung zu den einzelnen Baugruppen wie z.B. Chassis, Netzschalterplatte, Bedieneinheit, Bildrohrplatte, Ablenkeinheit, Lautsprecher usw. 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.

Öffnen des Gehäuses

- 8 Rückwandschrauben herausschrauben.
- Gehäuserückwand vorsichtig nach hinten abnehmen bis die Subwoofer-Leitung gelöst werden kann.

1. DVD-Einheit ausbauen

- 2 Schrauben (A) (Fig. 1, 2) herausschrauben und DVD-Einheit entnehmen, gegebenenfalls Leitungen lösen.

Achtung: Leitungsverlegung beachten!

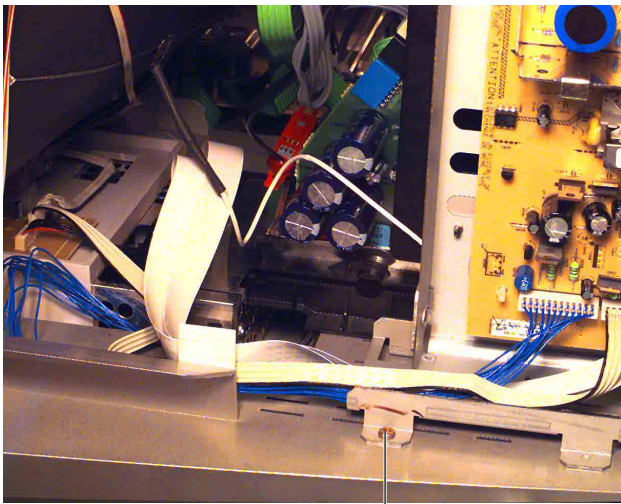


Fig. 1

(A)

2. Chassis ausbauen

- DVD-Einheit ausbauen (Pkt. 1).
- 2 Schrauben (B) (Fig. 3, 4) herausschrauben und Chassis nach hinten herausziehen, gegebenenfalls Kabelbinder und Leitungen lösen.

Achtung: Leitungsverlegung beachten!

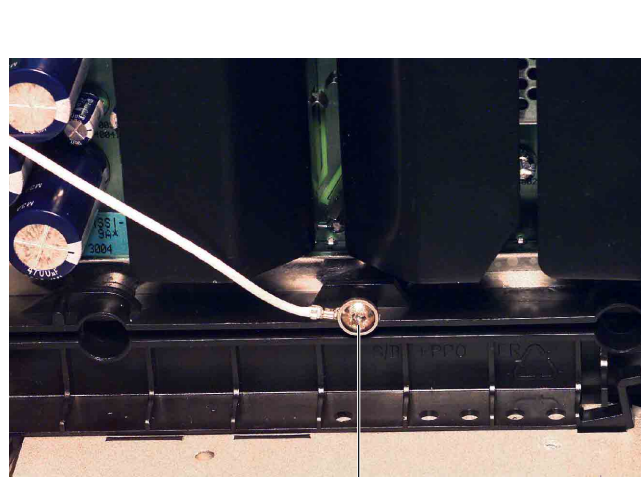


Fig. 3

(B)

Disassembly Instructions

Before opening the cabinet disconnect the mains plug!

Wiring

Before disconnecting any leads and especially the earth connecting leads observe the way they are routed to the individual assemblies like the chassis, mains switch panel, keyboard control panel, picture tube panel, deflection unit, loudspeaker and so on.

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

Opening the cabinet

- Undo the 8 screws in the rear panel.
- Remove the rear panel carefully to the rear until the subwoofer lead can be disengaged.

1. Removing the DVD unit

- Undo the 2 screws (A) (Fig. 1, 2) then remove the DVD unit. Disconnect the leads if necessary.

Attention: observe the way the leads are routed!

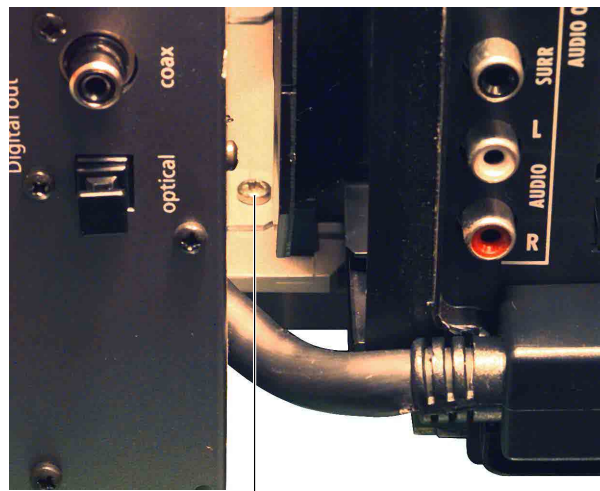


Fig. 2

(A)

2. Removing the chassis

- Remove the DVD unit (para 1).
- Undo the 2 screws (B) (Fig. 3, 4) then pull out the chassis to the rear. If necessary undo the cable clamps and disconnect the leads.

Attention: observe the way the leads are routed!

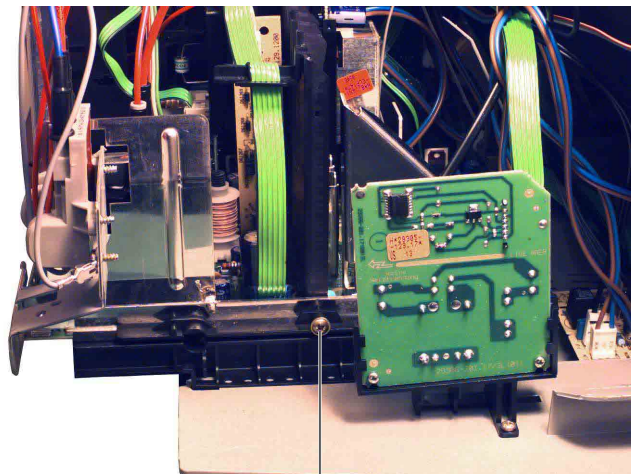


Fig. 4

(B)

3. Bedienungseinsatz ausbauen

- Chassis ausbauen (Pkt. 2).
- Kabelbinder und Leitungen lösen.

Achtung: Leitungsverlegung beachten!

- 6 Schrauben © (Fig. 5) herauserschrauben und Bedienungseinsatz nach vorne herausnehmen.

3. Removing the keyboard control unit

- Remove the chassis (para 2).
- Undo the cable clamps and disconnect the leads.

Attention: observe the way the leads are routed!

- Undo the 6 screws © (Fig. 5) and remove the control unit to the front.

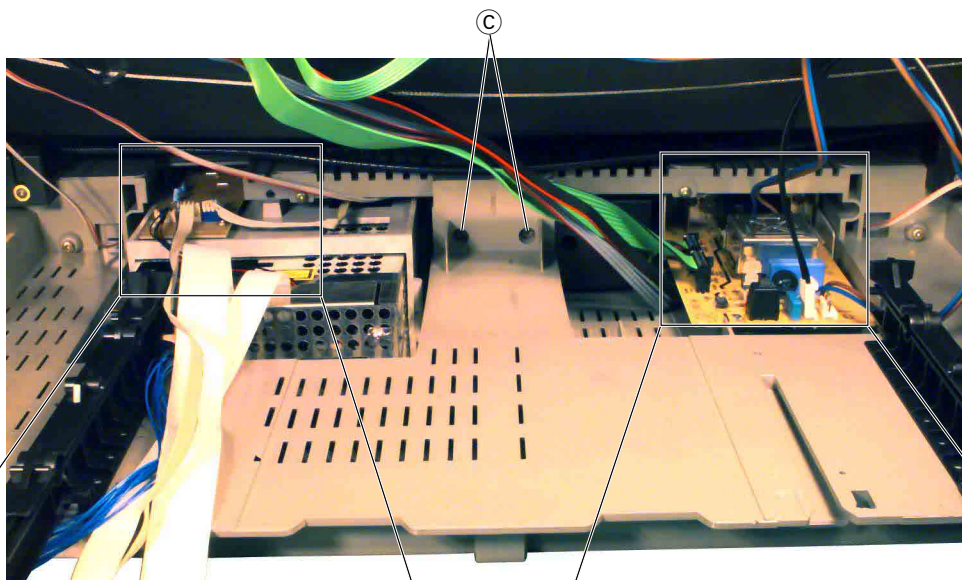


Fig. 5

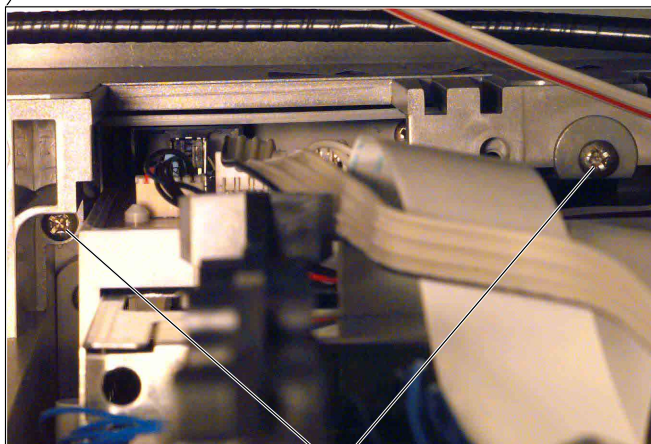


Fig. 5a

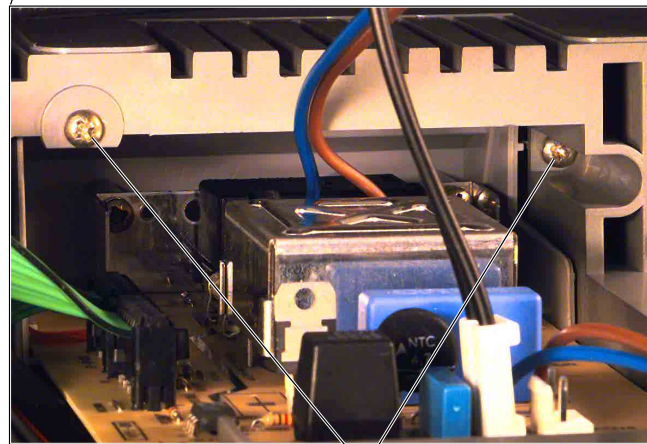


Fig. 5b

4. DVD-Laufwerk ausbauen

- Bedienungseinsatz ausbauen (Pkt. 3).
- Schraube ① (Fig. 6) auf der Laufwerk-Unterseite herauserschrauben.
- 3 Schrauben ② (Fig. 7) herauserschrauben und das DVD-Laufwerk herausnehmen.

5. Netzschalterplatte ausbauen

- Chassis ausbauen (Pkt. 2).
- 2 Schrauben ③ (Fig. 8) herauserschrauben und die Netzschalterplatte herausnehmen.

6. Center-Lautsprecher ausbauen

- Das eingeklebte Lautsprechergitter vorsichtig abnehmen.
- Lautsprecherschrauben herauserschrauben und Lautsprecher vorsichtig herausnehmen.

Achtung: Kann der Lautsprecher wegen zu kurzem Lautsprecherkabel nicht angeschlossen werden, so muss der Bedienungseinsatz ausgebaut werden (Pkt. 3). Danach die Schraube ④ (Fig. 8) herauserschrauben, Lautsprechergehäuse öffnen und Lautsprecher anschließen.

4. Removing the DVD drive mechanism

- Remove the control unit (para 3).
- Undo the screw ① (Fig. 6) on the bottom of the drive mechanism.
- Undo the 3 screws ② (Fig. 7) and remove the DVD drive mechanism.

5. Removing the mains switch panel

- Remove the chassis (para 2).
- Undo the 2 screws ③ (Fig. 8) then remove the mains switch panel.

6. Removing the center loudspeaker

- Carefully remove the loudspeaker grille fixed with glue.
- Undo the loudspeaker screws then carefully remove the loudspeaker.

Attention: if the loudspeaker cannot be connected as the loudspeaker leads are too short, it is necessary to remove the control unit (para 3). When this is done, undo the screw ④ (Fig. 8), open the loudspeaker cabinet and then connect the loudspeaker.



Fig. 6

(D)

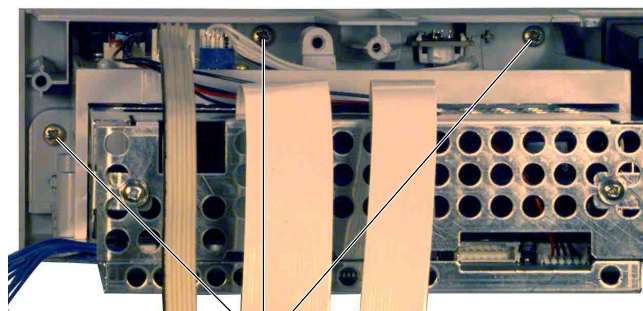


Fig. 7

(E)

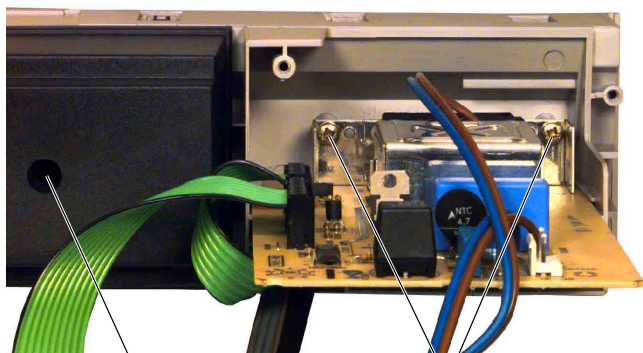


Fig. 8

(G)

(F)

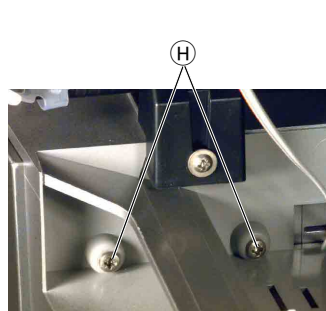


Fig. 9

(H)

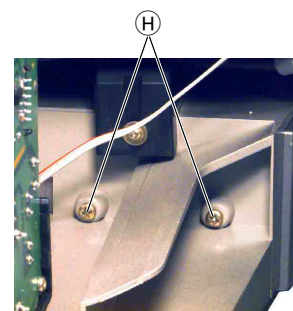


Fig. 10

(H)

7. Lautsprecher-Box links und rechts ausbauen

- Kabelbinder und Leitungen lösen.
- Je 2 Schrauben (H) (Fig. 9, 10) heraus-schrauben und Lautsprecher-Box nach vorne herausnehmen.

Achtung: Leitungsverlegung beachten!

8. Bedienklappe und Keyboard ausbauen

- Bei Bedarf Kabelbinder und Leitungen lösen.
- 2 Bolzen (I) (Fig. 11, 12) in Pfeilrichtung schieben und Bedienklappe nach unten klappen.
- 3 Schrauben (J) (Fig. 12) heraus-schrauben und Keyboard heraus-nehmen.

Achtung: Leitungsverlegung beachten!

7. Removing the left and right loudspeaker box

- Undo the cable clamps and disconnect the leads.
- Undo the 2 screws (H) (Fig. 9, 10) on each box then remove the loudspeaker box to the front.

Attention: observe the way the leads are routed!

8. Removing the control panel flap and the keyboard

- If necessary undo the cable clamps and disconnect the leads.
- Slide the 2 bolts (I) (Fig. 11, 12) in the direction of the arrow then tilt the control panel flap down.
- Undo the 3 screws (J) (Fig. 12) and remove the keyboard.

Attention: observe the way the leads are routed!

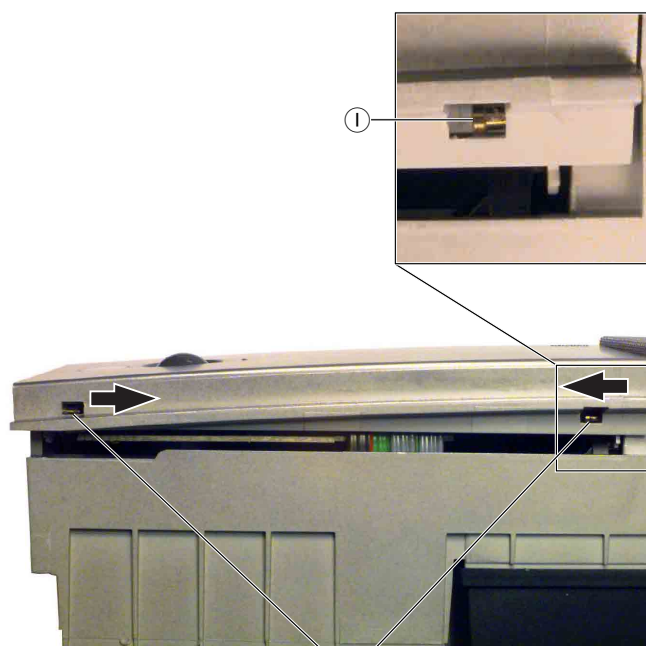


Fig. 11

(I)

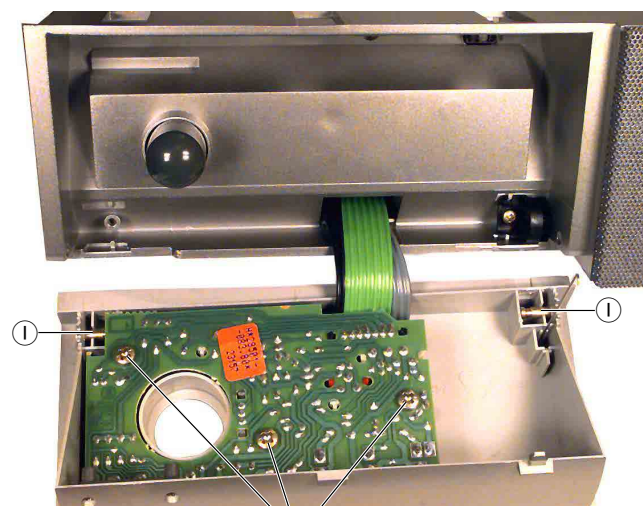


Fig. 12

(J)

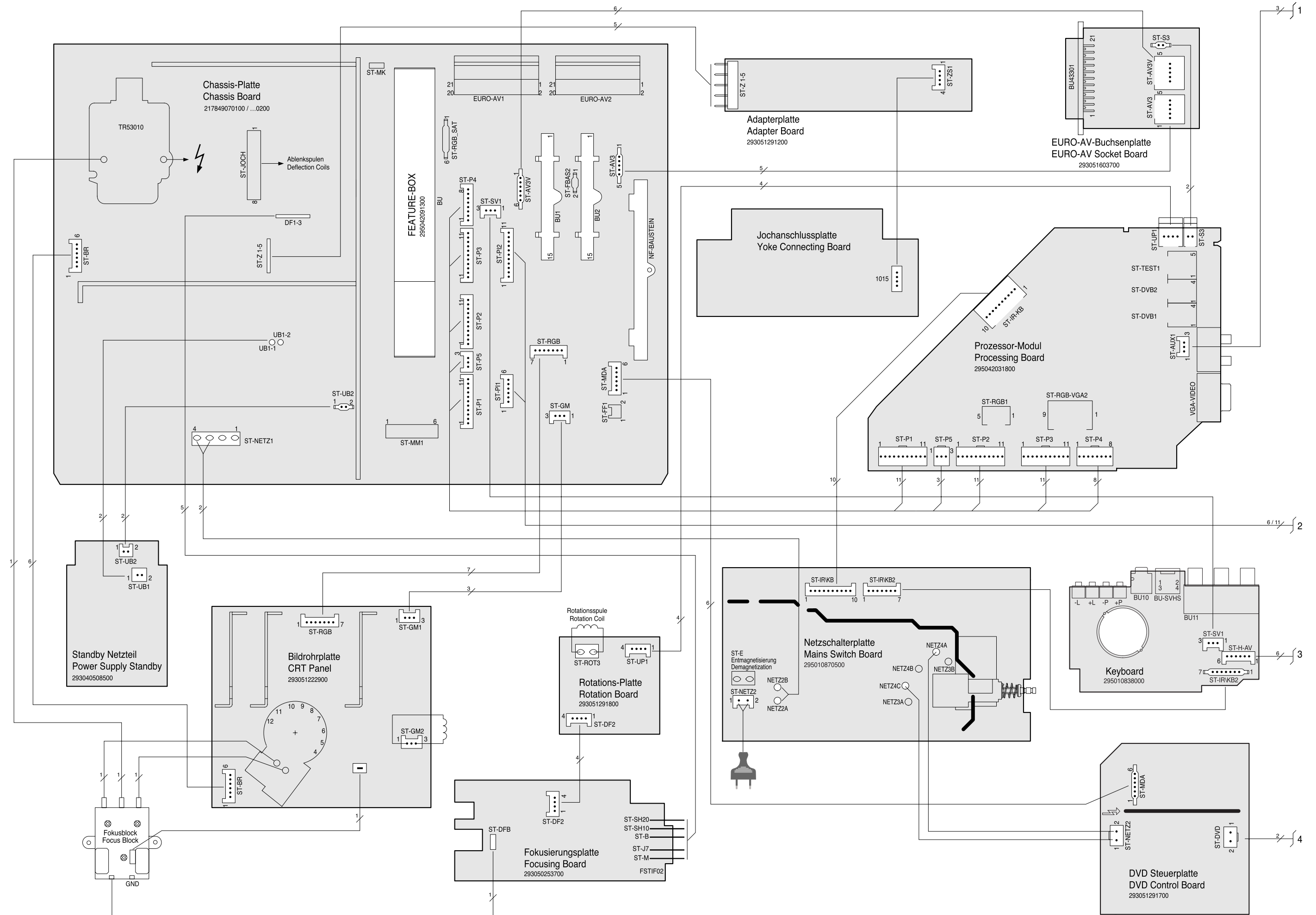
Platinenabbildungen und Schaltpläne / Layout of PCBs and Circuit Diagrams

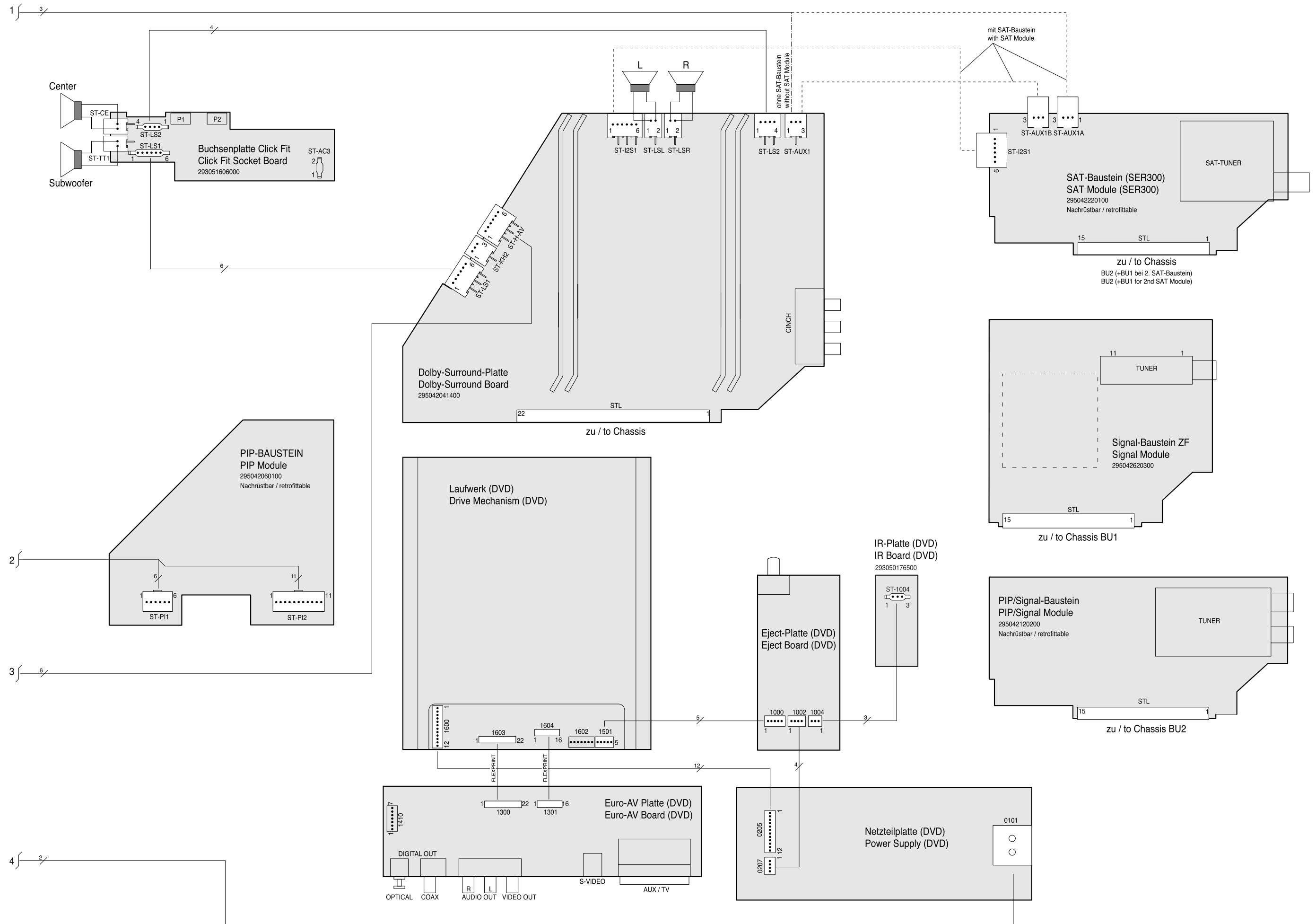
Verdrahtungsplan-Tabelle / Table of Wiring Diagram

PCB >	Verbindung / Steckplatz Connection / Plug-in Position	< PCB
Bezeichnung Name		Bezeichnung Name
Netzteilplatte (DVD) Power Supply (DVD)	0101 <=> ST-DVD	DVD-Steuerplatte DVD Control Board
Netzteilplatte (DVD-Teil) Power Supply (DVD Part)	0205 <=> 1600	DVD-Laufwerk DVD Drive Mechanism
Netzteilplatte (DVD-Teil) Power Supply (DVD Part)	0207 <=> 1002	Eject-Platte (DVD-Teil) Eject Board (DVD Part)
Eject-Platte (DVD-Teil) Eject Board (DVD Part)	1000 <=> 1501	DVD-Laufwerk DVD Drive Mechanism
Eject-Platte (DVD-Teil) Eject Board (DVD Part)	1002 <=> 0207	Netzteilplatte (DVD-Teil) Power Supply (DVD Part)
Eject-Platte (DVD-Teil) Eject Board (DVD Part)	1004 <=> ST-1004	IR-Platte (DVD-Teil) IR Board (DVD Part)
Jochanschlussplatte Yoke Connecting Board	1015 <=> ST-ZS1	Adapterplatte Adapter Board
EURO-AV-Platte (DVD-Teil) EURO-AV Board (DVD Part)	1300 <=> 1603	DVD-Laufwerk DVD Drive Mechanism
EURO-AV-Platte (DVD-Teil) EURO-AV Board (DVD Part)	1301 <=> 1604	DVD-Laufwerk DVD Drive Mechanism
DVD-Laufwerk DVD Drive Mechanism	1501 <=> 1000	Eject-Platte (DVD-Teil) Eject Board (DVD Part)
DVD-Laufwerk DVD Drive Mechanism	1600 <=> 0205	Netzteilplatte (DVD-Teil) Power Supply (DVD Part)
DVD-Laufwerk DVD Drive Mechanism	1603 <=> 1300	EURO-AV-Platte (DVD-Teil) EURO-AV Board (DVD Part)
DVD-Laufwerk DVD Drive Mechanism	1604 <=> 1301	EURO-AV-Platte (DVD-Teil) EURO-AV Board (DVD Part)
Netzbuchse Mains Socket	230V <=> ST-NETZ2	Netzschalterplatte Mains Switch Board
Feature Box	BU	Chassis-Platte Chassis Board
Chassis-Platte Chassis Board	BU1 <=> STL	Signal-Baustein 295042620300 Signal Module 295042620300
Chassis-Platte Chassis Board	BU1 <=> STL	SAT-Baustein 1 (mit 2 SAT-Bausteinen) SAT Module 1 (with 2 SAT Modules)
Chassis-Platte Chassis Board	BU2 <=> STL	PIP/Signal-Baustein 295042120200 PIP/Signal Module 295042120200
Chassis-Platte Chassis Board	BU2 <=> STL	SAT-Baustein (mit 1 SAT-Baustein) SAT Module (with 1 SAT Module)
Chassis-Platte Chassis Board	BU2 <=> STL	SAT-Baustein 2 (mit 2 SAT-Bausteinen) SAT Module 2 (with 2 SAT Modules)
Chassis-Platte Chassis Board	DF1-3 <=> FSTIF02	Fokussierungsplatte Focusing Board
Fokussierungsplatte Focusing Board	FSTIF02 <=> DF1-3	Chassis-Platte Chassis Board
IR-Platte (DVD-Teil) IR Board (DVD Part)	ST-1004 <=> 1004	Eject-Platte (DVD-Teil) Eject Board (DVD Part)
Prozessor-Modul Processing Board	ST-AUX1 <=> ST-AUX1A	SAT-Baustein (mit 1 SAT-Baustein) SAT Module (with 1 SAT Module)
Prozessor-Modul Processing Board	ST-AUX1 <=> ST-AUX1A	SAT-Baustein 1 (mit 2 SAT-Bausteinen) SAT Module 1 (with 2 SAT Modules)
Dolby-Surround-Platte Dolby-Surround Board	ST-AUX1 <=> ST-AUX1B	SAT-Baustein (mit 1 SAT-Baustein) SAT Module (with 1 SAT Module)
Dolby-Surround-Platte Dolby-Surround Board	ST-AUX1 <=> ST-AUX1B	SAT-Baustein 1 (mit 2 SAT-Bausteinen) SAT Module 1 (with 2 SAT Modules)
Prozessor-Modul Processing Board	ST-AUX1A	Dolby-Surround-Platte Dolby-Surround Board
SAT-Baustein 2 (mit 2 SAT-Bausteinen) SAT Module 2 (with 2 SAT Modules)	ST-AUX1A	nicht belegt not used
SAT-Baustein (mit 1 SAT-Baustein) SAT Module (with 1 SAT Module)	ST-AUX1A <=> ST-AUX1	Prozessor-Modul Processing Board
SAT-Baustein 1 (mit 2 SAT-Bausteinen) SAT Module 1 (with 2 SAT Modules)	ST-AUX1A <=> ST-AUX1	Prozessor-Modul Processing Board
SAT-Baustein 2 (mit 2 SAT-Bausteinen) SAT Module 2 (with 2 SAT Modules)	ST-AUX1B	nicht belegt not used
SAT-Baustein (mit 1 SAT-Baustein) SAT Module (with 1 SAT Module)	ST-AUX1B <=> ST-AUX1	Dolby-Surround-Platte Dolby-Surround Board
SAT-Baustein 1 (mit 2 SAT-Bausteinen) SAT Module 1 (with 2 SAT Modules)	ST-AUX1B <=> ST-AUX1	Dolby-Surround-Platte Dolby-Surround Board
EURO-AV-Buchsenplatte EURO-AV Socket Board	ST-AV3	Chassis-Platte Chassis Board
EURO-AV-Buchsenplatte EURO-AV Socket Board	ST-AV3V	Chassis-Platte Chassis Board
Bildrohrplatte CRT Panel	ST-BR	Chassis-Platte Chassis Board
Buchsenplatte Click Fit Click Fit Socket Board	ST-CE	Lautsprecher centre intern Loudspeaker centre intern
Rotations- und N/S-Trapezkorrekturplatte Rotation and N/S Trapezium Correction Board	ST-DF2	Fokussierungsplatte Focusing Board
Fokussierungsplatte Focusing Board	ST-DFB <=> U / DYN FOC	Fokus-Block Focus Block
DVD-Steuerplatte DVD Control Board	ST-DVD <=> 0101	Netzteilplatte (DVD) Power Supply (DVD)

PCB >	Verbindung / Steckplatz	< PCB
Bezeichnung Name	Connection / Plug-in Position	Bezeichnung Name
Netzschalterplatte Mains Switch Board	ST-E	Entmagnetisierung Demagnetization
Chassis-Platte Chassis Board	ST-GM <=> ST-GM1	Bildrohrplatte CRT Panel
Bildrohrplatte CRT Panel	ST-GM1 <=> ST-GM	Chassis-Platte Chassis Board
Keyboard	ST-H-AV	Dolby-Surround-Platte Dolby-Surround Board
SAT-Baustein (mit 1 SAT-Baustein) SAT Module (with 1 SAT Module)	ST-I2S1	Dolby-Surround-Platte Dolby-Surround Board
SAT-Baustein 2 (mit 2 SAT-Bausteinen) SAT Module 2 (with 2 SAT Modules)	ST-I2S1	nicht belegt not used
SAT-Baustein 1 (mit 2 SAT-Bausteinen) SAT Module 1 (with 2 SAT Modules)	ST-I2S1	Dolby-Surround-Platte Dolby-Surround Board
Netzschalterplatte Mains Switch Board	ST-IR\KB <=> ST-IR-KB	Prozessor-Modul Processing Board
Netzschalterplatte Mains Switch Board	ST-IR\KB2	Keyboard
Dolby-Surround-Platte Dolby-Surround Board	ST-LS1	Buchsenplatte Click Fit Click Fit Socket Board
Dolby-Surround-Platte Dolby-Surround Board	ST-LS2	Buchsenplatte Click Fit Click Fit Socket Board
Dolby-Surround-Platte Dolby-Surround Board	ST-LSL	Lautsprecher links Loudspeaker left
Dolby-Surround-Platte Dolby-Surround Board	ST-LSR	Lautsprecher rechts Loudspeaker right
DVD-Steuerplatte DVD Control Board	ST-MDA	Chassis-Platte Chassis Board
Chassis-Platte Chassis Board	ST-NETZ1 <=> ST-NETZ2 A/B	Netzschalterplatte Mains Switch Board
Netzschalterplatte Mains Switch Board	ST-NETZ2 <=> 230V	Netzbuchse Mains Socket
DVD-Steuerplatte DVD Control Board	ST-NETZ2 <=> ST-NETZ4	Netzschalterplatte Mains Switch Board
Netzschalterplatte Mains Switch Board	ST-NETZ2 A/B <=> ST-NETZ1	Chassis-Platte Chassis Board
Netzschalterplatte Mains Switch Board	ST-NETZ4 <=> ST-NETZ2	DVD-Steuerplatte DVD Control Board
Prozessor-Modul Processing Board	ST-P1	Chassis-Platte Chassis Board
Prozessor-Modul Processing Board	ST-P2	Chassis-Platte Chassis Board
Prozessor-Modul Processing Board	ST-P3	Chassis-Platte Chassis Board
Prozessor-Modul Processing Board	ST-P4	Chassis-Platte Chassis Board
Prozessor-Modul Processing Board	ST-P5	Chassis-Platte Chassis Board
PIP-Baustein PIP Module	ST-PI1	Chassis-Platte Chassis Board
PIP-Baustein PIP Module	ST-PI2	Chassis-Platte Chassis Board
Bildrohrplatte CRT Panel	ST-RGB	Chassis-Platte Chassis Board
Rotations- und N/S-Trapezkorrekturplatte Rotation and N/S Trapezium Correction Board	ST-ROT3	Rotationsspule Rotation Coil
Prozessor-Modul Processing Board	ST-S3	EURO-AV-Buchsenplatte EURO-AV Socket Board
Keyboard	ST-SV1	Chassis-Platte Chassis Board
Buchsenplatte Click Fit Click Fit Socket Board	ST-TT1	Lautsprecher sub intern Loudspeaker sub intern
Standby Netzteil Power Supply Standby	ST-UB1 <=> UB1-1/2	Chassis-Platte Chassis Board
Standby Netzteil Power Supply Standby	ST-UB2	Chassis-Platte Chassis Board
Prozessor-Modul Processing Board	ST-UP1	Rotations- und N/S-Trapezkorrekturplatte Rotation and N/S Trapezium Correction Board
Chassis-Platte Chassis Board	ST-Z1-5	Adapterplatte Adapter Board
Adapterplatte Adapter Board	ST-ZS1 <=> 1015	Jochanschlussplatte Yoke Connecting Board
Dolby-Surround-Platte Dolby-Surround Board	STL	Chassis-Platte Chassis Board
Signal-Baustein 295042620300 Signal Module 295042620300	STL <=> BU1	Chassis-Platte Chassis Board
SAT-Baustein 1 (mit 2 SAT-Bausteinen) SAT Module 1 (with 2 SAT Modules)	STL <=> BU1	Chassis-Platte Chassis Board
PIP/Signal-Baustein 295042120200 PIP/Signal Module 295042120200	STL <=> BU2	Chassis-Platte Chassis Board
SAT-Baustein (mit 1 SAT-Baustein) SAT Module (with 1 SAT Module)	STL <=> BU2	Chassis-Platte Chassis Board
SAT-Baustein 2 (mit 2 SAT-Bausteinen) SAT Module 2 (with 2 SAT Modules)	STL <=> BU2	Chassis-Platte Chassis Board
Bildrohrplatte CRT Panel	U FOC.	Zeilentrafo Line Transformer
Bildrohrplatte CRT Panel	U H ⚡	Bildröhre CRT
Chassis-Platte Chassis Board	UB1-1/2 <=> ST-UB1	Standby Netzteil Power Supply Standby

Verdrahtungsplan / Wiring Diagram





Chassisplatte

Koordinaten für die Bauteile der Lötseite (Unterseite)

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		Pos.-Nr./ Pos. No.	Koordinaten/ Coordinates	
	X	Y		X	Y		X	Y		X	Y		X	Y		X	Y		X	Y
CBR100	210	133	CC43025	136	251	CC65527	78	44	CR34511	98	99	CR43573	96	173	CR61303	239	10			
CBR101	104	201	CC43027	20	220				CR34512	93	104	CR43574	96	177	CR61304	242	10			
CBR102	99	149				CC65528	83	63	CR34513	98	103	CR43576	101	177	CR61306	246	7			
CBR103	149	228	CC43028	24	231	CC65531	58	67	CR34514	110	103	CR43577	112	177						
CBR104	84	193	CC43033	18	231	CC65532	83	67	CR34515	110	98				CR61311	232	12			
			CC43038	22	246	CC70501	154	130				CR43578	104	177	CR65500	101	135			
CBR105	65	222	CC43066	121	208	CC70502	136	178	CR34516	108	98	CR43582	122	242	CR65501	40	64			
CBR106	153	149	CC43079	93	176				CR34517	79	99	CR43583	121	232	CR65502	38	58			
CBR107	124	253				CC70503	146	188	CR34518	81	115	CR43589	96	189	CR65503	57	61			
CBR108	28	211	CC43526	99	226	CC70506	152	136	CR34519	79	115	CR43590	93	189						
CBR109	133	253	CC43538	113	206	CC70507	155	136	CR34520	81	87				CR65504	53	61			
			CC43551	135	228	CC70508	152	195				CR43591	138	195	CR65505	43	58			
CBR110	62	246	CC43553	76	215	CC70512	145	143	CR34521	76	99	CR43592	98	189	CR65506	57	52			
CBR111	8	198	CC43554	118	217				CR34522	72	94	CR43593	97	210	CR65507	59	56			
CBR113	89	201				CC70513	145	148	CR34523	67	99	CR43594	101	189	CR65508	57	56			
CBR114	146	161	CC43556	85	163	CC70518	127	132	CR34524	100	120	CR43596	103	189						
CBR115	79	148	CC43567	71	246	CC70528	149	53	CR34525	87	113				CR65509	41	58			
			CC43572	90	189							CR43597	106	189	CR65510	49	58			
CBR116	133	244	CC43574	115	202	CD21203	321	134	CR34526	87	116	CR43598	108	189	CR65511	70	61			
CBR117	79	150	CC43576	103	172	CD21206	332	175	CR34541	80	135	CR43599	111	189	CR65515	74	67			
CBR118	132	189				CD21221	184	159	CR34542	80	132	CR43615	98	160	CR65516	73	56			
CBR119	133	249	CC43577	99	172	CD21222	184	166	CR34543	80	129	CR43617	110	168						
CBR120	80	175	CC43587	118	245	CD21231	206	180	CR34544	86	125				CR65517	81	56			
			CC43615	80	172							CR43618	106	177	CR65518	73	44			
CBR121	80	177	CC43617	109	177	CD21232	206	172	CR40501	11	94	CR43651	126	225	CR65519	75	56			
CBR122	124	132	CC43618	106	173	CD34513	104	96	CR40502	18	88	CR43653	150	251	CR65521	65	52			
CBR123	153	184				CD34517	86	94	CR43002	49	245	CR43675	119	186	CR65522	63	52			
CBR124	158	181	CC43651	135	226	CD43026	163	250	CR43003	90	229	CR43676	82	153						
CBR125	120	193	CC43653	150	245	CD43541	125	215	CR43004	38	245				CR65527	75	44			
			CC43667	99	210							CR43677	76	210	CR65528	80	67			
CBR127	83	212	CC43672	108	210	CD43542	125	194	CR43005	32	245	CR43678	76	212	CR65529	80	63			
CBR128	79	145	CC43674	95	201	CD43651	135	222	CR43008	81	229	CR43679	102	210	CR65536	80	50			
CBR129	48	102				CD52003	191	234	CR43009	51	245	CR46031	93	114	CR70501	146	168			
CBR130	98	201	CC43675	117	186	CD53019	338	228	CR43010	153	251	CR46032	99	114						
CBR131	113	212	CC43676	105	210	CD55003	228	189	CR43013	73	242				CR70502	183	170			
			CC46031	96	114							CR46033	107	111	CR70504	160	214			
CBR132	35	200	CC46032	102	114	CD55004	222	201	CR43014	160	251	CR46034	111	116	CR70506	158	152			
CBR134	184	91	CC46033	110	111	CD58001	210	207	CR43018	78	231	CR46035	105	111	CR70507	160	152			
CBR135	40	98				CD58004	211	202	CR43019	155	251	CR46036	109	107	CR70508	156	152			
CBR136	76	202	CC50001	194	184	CD58007	221	175	CR43023	30	231	CR50001	188	171						
CBR137	77	196	CC50002	195	177	CD58011	228	174	CR43024	159	228				CR70509	138	190			
			CC50004	160	184							CR50002	195	174	CR70510	138	193			
CBR138	139	112	CC50011	194	192	CD58012	222	168	CR43025	139	251	CR50003	160	178	CR70512	158	141			
CBR139	138	213	CC50013	181	176	CD58021	210	191	CR43028	21	229	CR50004	163	184	CR70513	161	143			
CBR140	138	207				CD58022	206	185	CR43033	16	242	CR55003	231	182	CR70516	156	141			
			CC50023	178	188	CD65506	48	53	CR43038	22	243	CR55006	235	214						
CC21203	328	163	CC50024	196	170	CD65519	63	57	CR43042	35	230				CR70518	130	132			
CC21206	324	149	CC60010	300	22							CR55007	232	192	CR70519	139	102			
CC21221	192	164	CC60014	288	10	CD70501	161	217	CR43043	156	245	CR55011	234	195	CR70522	141	50			
CC21231	200	166	CC60015	291	10	CD70506	157	161	CR43046	158	251	CR55016	215	206	CR70523	152	47			
CC21233	354	133				CD70507	163	153	CR43047	153	245	CR58004	217	197	CR70524	147	61			
			CC60016	301	13	CD70517	158	134	CR43048	115	245	CR58007	215	171						
CC32301	53	172	CC60019	216	70				CR43051	93	229				CR70526	142	57			
CC32321	54	149	CC60021	222	74	CD70519	142	100	CR43053	91	244	CR58011	236	177	CR70527	149	47			
CC34502	58	115	CC60032	284	10	CD70521	138	47	CR43056	98	244	CR58012	236	173	CR70528	152	53			
CC34503	61	115	CC60046	285	28	CD70522	134	47	CR43057	105	244	CR58013	219	183	CR70551	169	143			
CC34504	64	115				CD70523	150	61	CR43058	111	244	CR58014	225	185	CR70552	156	146			
			CC61002	192	30	CD70553	166	138	CR43066	117	191	CR58015	220	194						
CC34507	68	127	CC61003	192	25										CR70553	166	143			
CC34515	108	103	CC61006	161	56	CIC43550	137	236	CR43067	99	223	CR58021	210	180	CT21221	188	159			
CC34517	81	90	CC61007	179	66	CIC43650	154	236	CR43072	43	245	CR58022	206	175	CT21233	349	122			
CC34518	74	115	CC61016	233	104				CR43075	137	219	CR60013	274	15</						

Chassisplatte

Koordinaten für die Bauteile der Bestückungsseite (Oberseite)

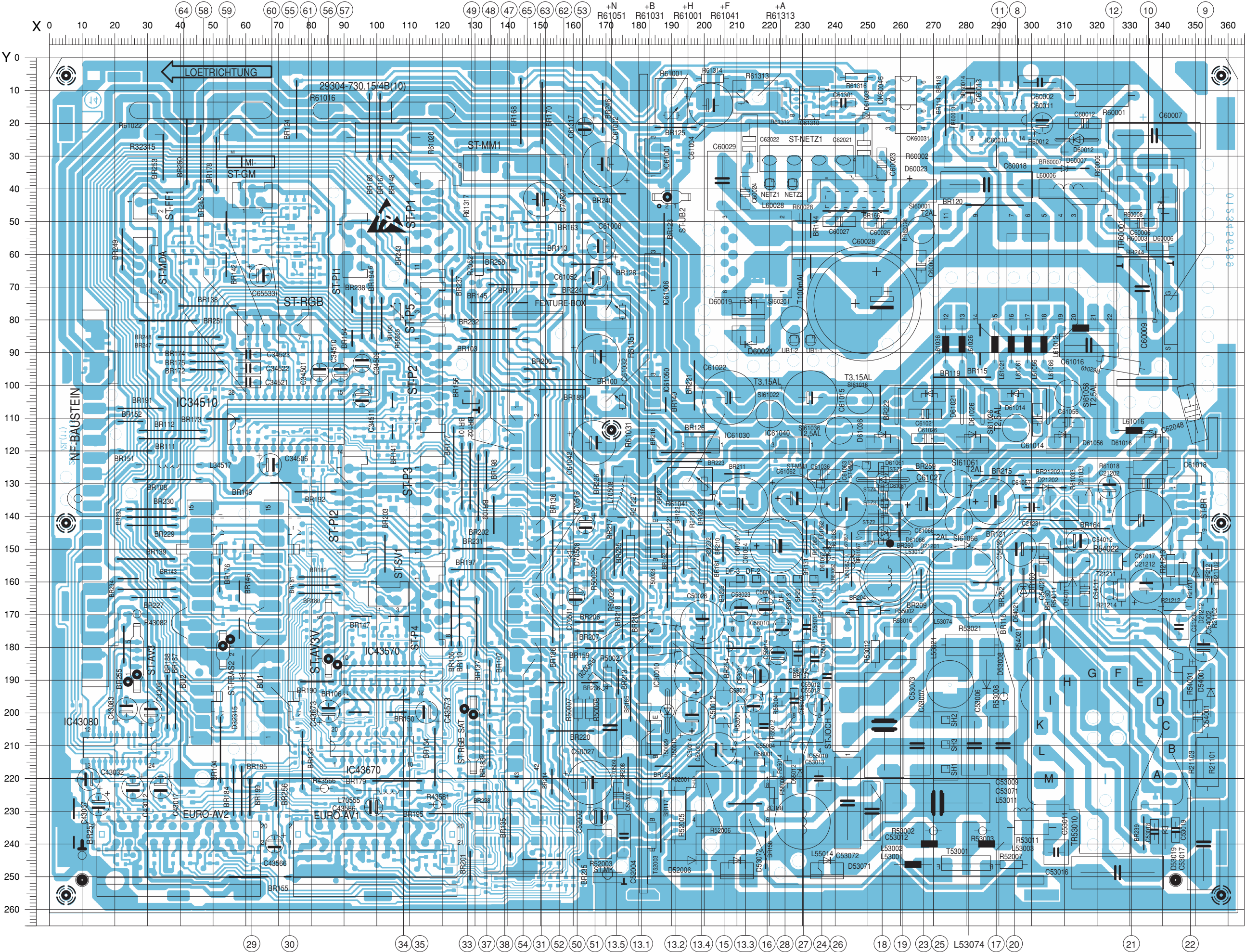
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			X	Y				X	Y				X	Y				X	Y				X	Y				X	Y			
BR100	155	98				BR183	134	210				BU01	69	173				C61014	302	110				IC61030	199	118				R60008	331	41
BR101	126	128				BR184	56	224				BU02	46	173				C61015	232	104				IC61040	227	118				R60012	304	29
BR102	128	128																C61016	317	88				IC61050	184	102						
BR103	136	86				BR185	59	224				C21202	324	131				C61017	333	141				IC61310	232	14				R60013	276	18
BR104	52	211				BR186	154	171				C21212	335	162				C61018	335	130									R60028	229	56	
						BR187	38	197				C21231	300	137										L34517	37	124				R61001	190	13
BR105	123	169				BR188	36	197				C21232	345	174				C61021	267	109				L53001	264	246				R61016	102	16
BR106	100	196				BR189	157	101				C34501	82	96				C61022	207	104				L53002	269	240				R61018	336	125
BR107	134	192																C61026	268	116				L53003	286	240						
BR108	36	129				BR190	82	191				C34506	67	124				C61027	267	136				L53011	297	230				R61020	102	24
BR109	131	131				BR191	28	107				C34509	95	93				C61032	167	91									R61022	46	16	
						BR192	81	133				C34510	89	96										L53012	256	159				R61031	171	105
BR110	125	169				BR193	101	80				C34511	96	104				C61036	237	127				L53021	275	191				R61033	310	138
BR111	38	116				BR194	98	80				C34521	61	99				C61037	211	136				L53074	279	160				R61041	196	130
BR112	38	114																C61042	166	117				L55014	230	233						
BR113	150	60				BR195	122	231				C34522	61	95				C61052	167	67				L60006	311	40				R61051	171	78
BR114	270	20				BR197	129	156				C34523	61	91				C61056	311	111									R61062	234	149	
						BR198	133	126				C43012	26	223										L60028	215	60				R61063	241	154
BR115	284	88				BR199	61	226				C43017	34	223				C61057	288	135				L61012	315	83				R61312	225	13
BR116	294	166				BR200	150	95				C43032	12	220				C61061	255	134				L61016	331	114				R61313	216	12
BR117	187	233																C61062	227	134				L61021	289	88						
BR118	274	15				BR201	128	247				C43037	15	228				C61063	242	136				L61026	279	88				R61314	203	6
BR119	279	98				BR202	136	140				C43081	31	200				C61064	222	149									R61316	247	6	
						BR203	102	151				C43083	23	199										L61036	274	88				R61317	125	35
BR120	289	45				BR204	247	166				C43566	69	240				C61066	255	138				L61056	299	88				R62049	327	94
BR121	292	144				BR205	206	164				C43573	115	200				C61301	242	14				L61061	294	88				R65525	106	78
BR122	194	149																C61317	164	21				L61062	238	151						
BR123	188	56				BR206	165	172				C43586	99	229				C62021	249	28				L61066	304	88				R70521	131	63
BR124	76	16				BR207	165	175				C43673	85	200				C62022	214	26												
						BR208	177	218				C50012	198	189										L61067	245	153				SH01	274	217
BR125	191	21				BR209	266	161				C50014	196	202				C62048	349	109				L70508	174	133				SH02	274	202
BR126	197	114				BR210	206	150				C50026	200	173				C65533	64	66				L70555	104	224				SH03	274	210
BR127	185	134																C70509	164	221									SH10	233	159	
BR128	166	63				BR211	210	127				C50027	171	204				C70511	161	165			MI	62	32				SH20	228	159	
BR129	200	141				BR212	353	158				C52001	205	211				C70516	164	142												
						BR213	174	191				C52002	168	231										NETZ01	220	38				SI60001	266	53
BR130	304	175				BR214	153	221				C52003	174	225				C70527	150	43				NETZ02	227	38				SI60201	228	80
BR131	231	147				BR215	290	127				C52004	175	238				CONTR	85	30				NFBAUST.	13	134				SI61016	247	105
BR132	213	228																											SI61022	220	109	
BR133	77	215				BR216	194	120				C53006	283	210										OK60031	262	19				SI61026	295	113
BR134	118	213				BR217	173	150				C53007	265	210										OK60046	262	10						
						BR218	175	170				C53009	291	210															SI61036	241	114	
BR135	141	235				BR219	177	173				C53011	308	242										R21101	354	215				SI61056	311	102
BR136	154	150				BR220	159	206				C53012	251	230										R21102	354	158				SI61061	278	130
BR137	131	174																						R21103	350	215				SI61066	278	142
BR138	48	76				BR221	197	100				C53013	235	220										R21211	346	158						
BR139	30	153				BR222	254	107				C53016	326	249										R21212	344	167				STAV03	27	183
						BR223	192	123				C53017	353	240															STAV03V	85	177	
BR140	188	111				BR224	160	72				C53018	338	236										R21213	342	155				STBR	348	138
BR141	105	109				BR225	175	151				C53019	344	236										R21214	328	163				STFBAS0		

Chassisplatte / Chassis Board

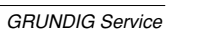
Bestückungsseite, Ansicht von oben / Component Side, Top View

+B	+12V
+F	+5V
+H	+5V
+N	+3.3V

*	+A
72cm 4.3 SUPER FLAT TOSHIBA	+148V
72cm 4.3 REAL FLAT TOSHIBA	+140V
82cm 16.9 REAL FLAT TOSHIBA	+141V
70cm 16.9 REAL FLAT PHILIPS	+134V
70cm 16.9 PHILIPS	+143V
82cm 16.9 PHILIPS	+141V
72cm 4.3 SUPER FLAT PHILIPS	+138V
82cm 16.9 REAL FLAT PHILIPS	+142V
72cm 4.3 (V2) REAL FLAT TOSHIBA	+136V

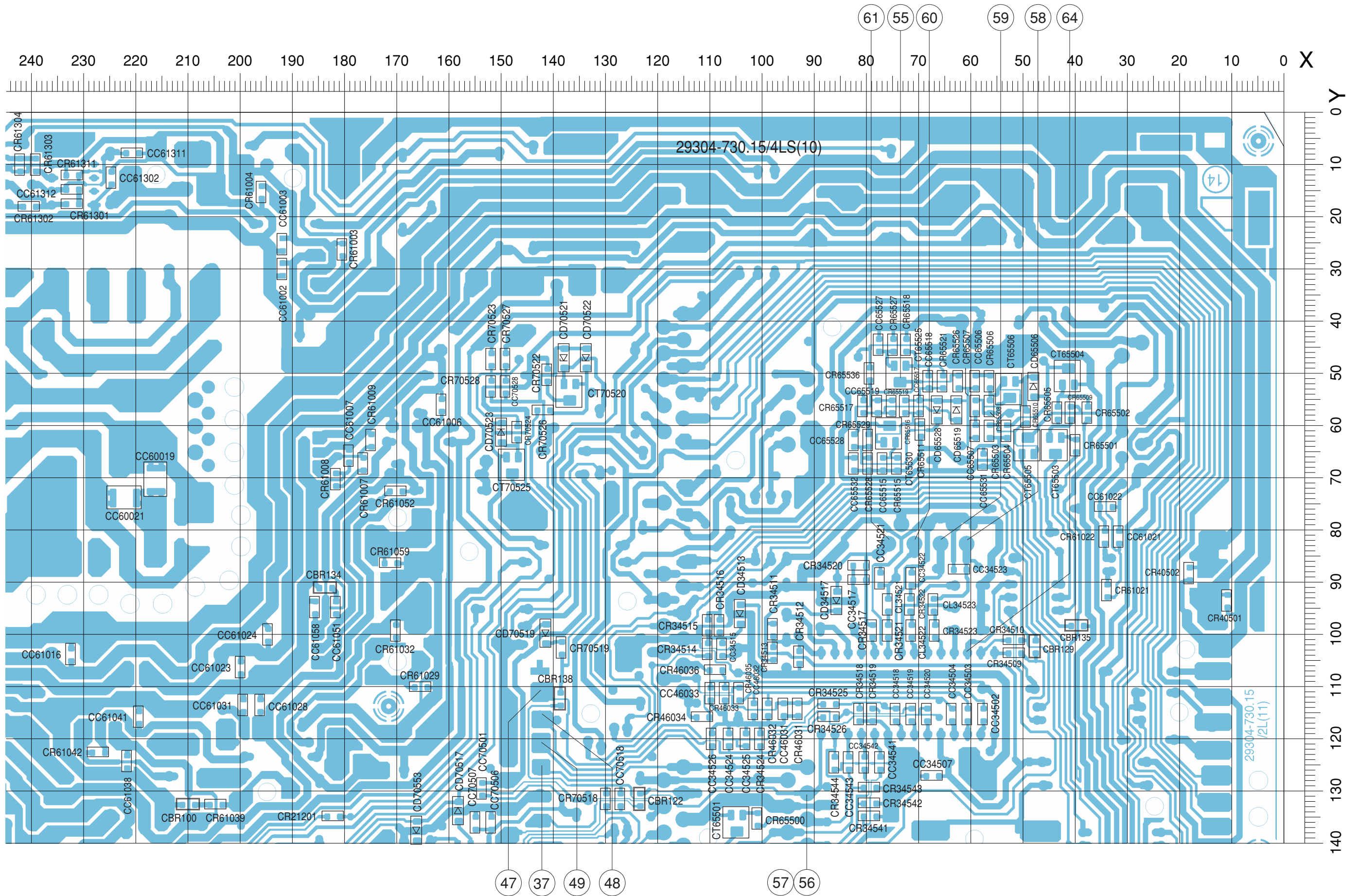


Lötseite, Ansicht von unten / Solder Side, Bottom View



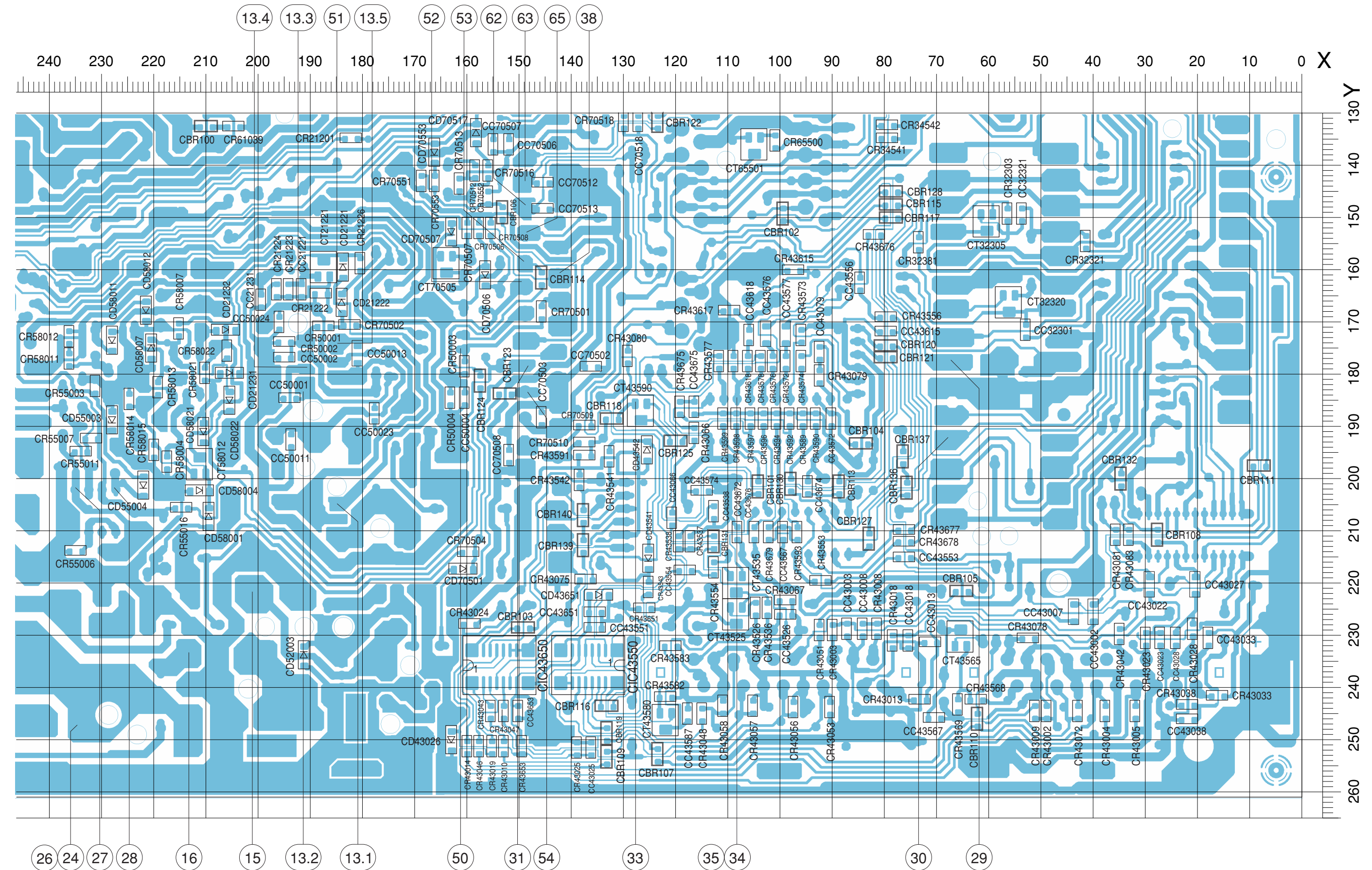
Chassisplatte (vergrößert) Ausschnitt 1
Chassis Board (enlarged) Detail 1

Lötseite, Ansicht von unten
Solder Side, Bottom View

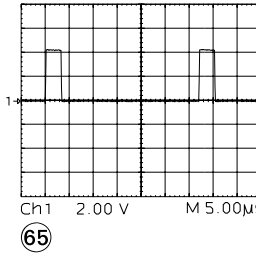
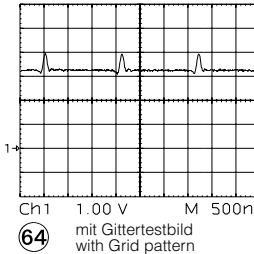
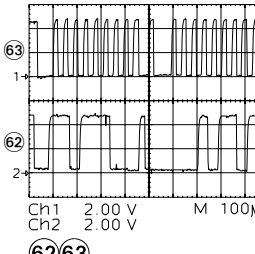
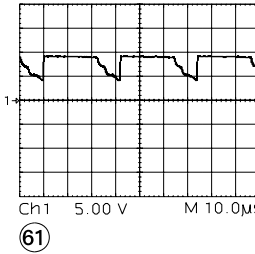
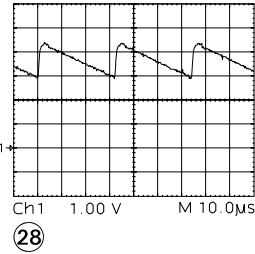
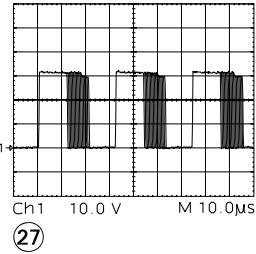
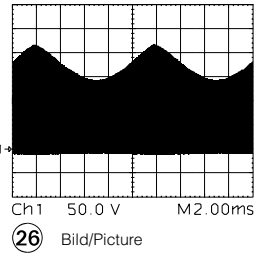
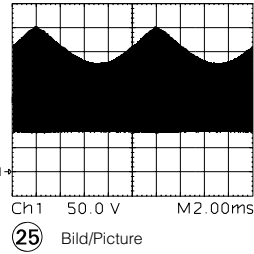
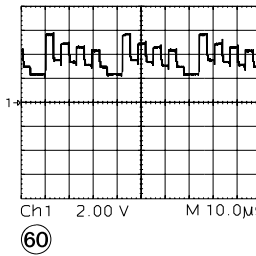
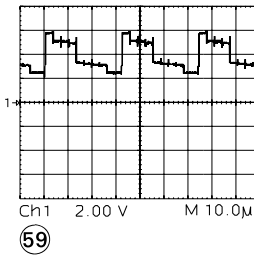
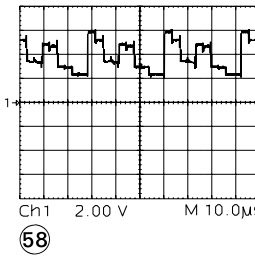
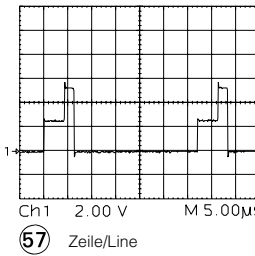
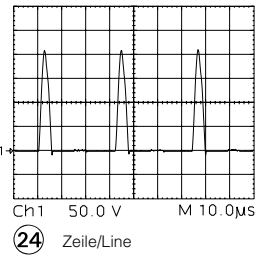
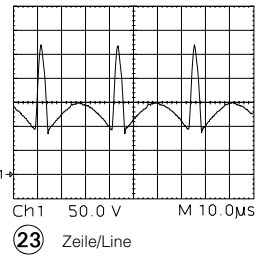
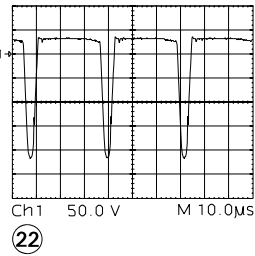
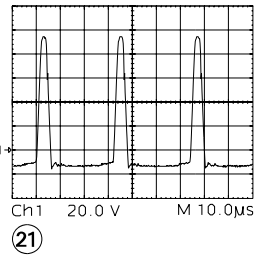
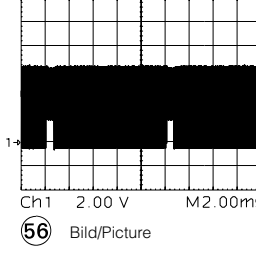
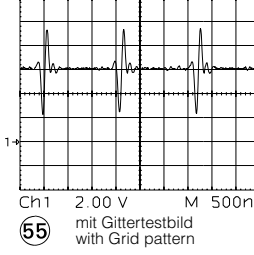
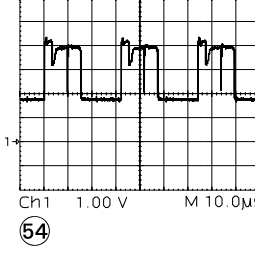
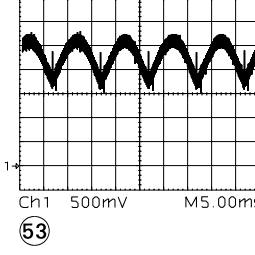
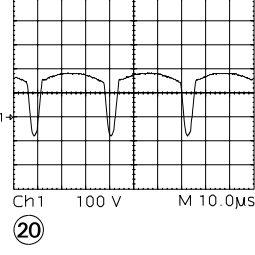
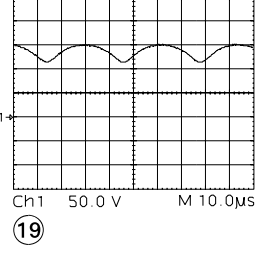
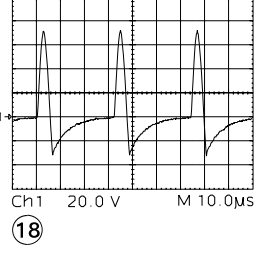
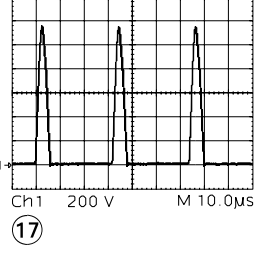
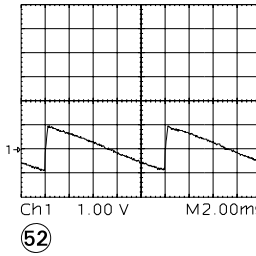
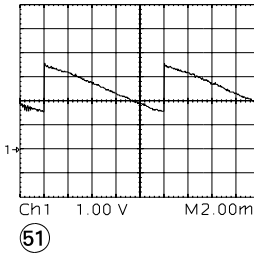
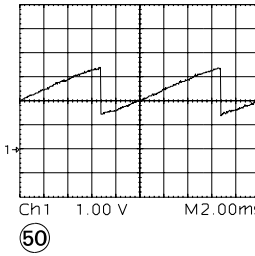
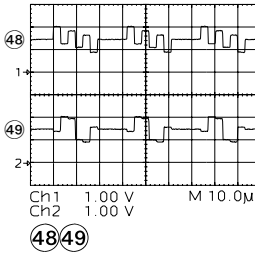
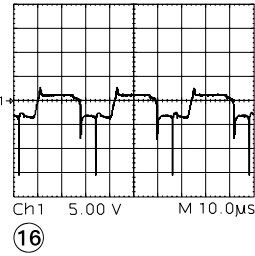
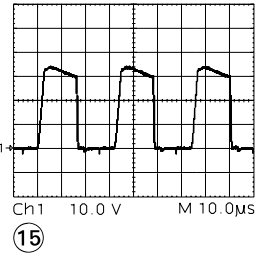
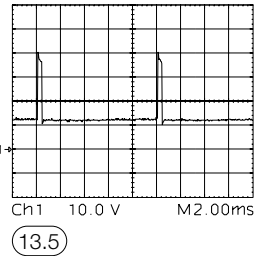
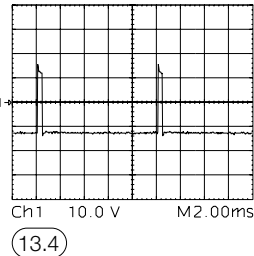
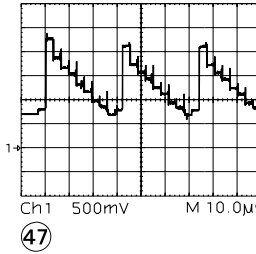
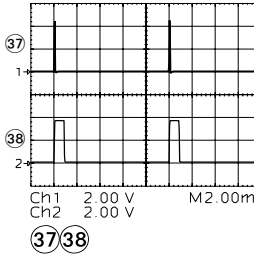
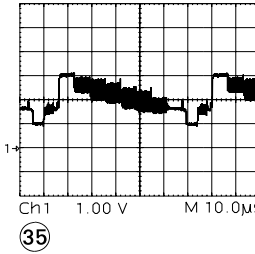
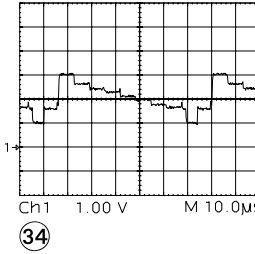
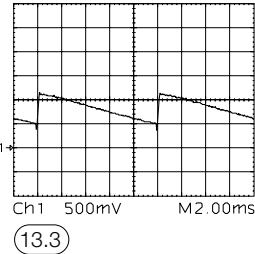
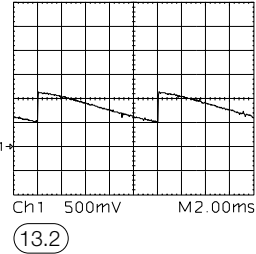
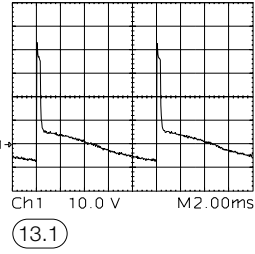
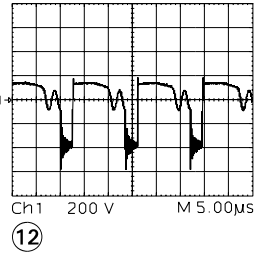
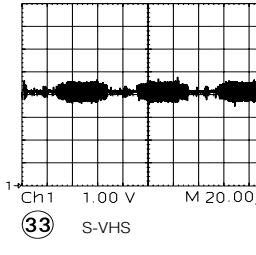
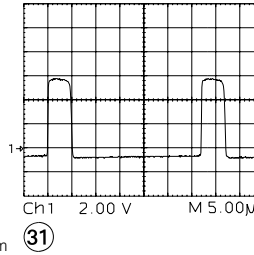
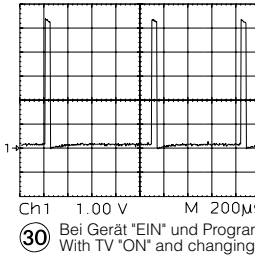
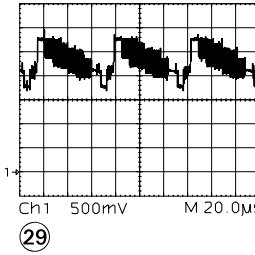
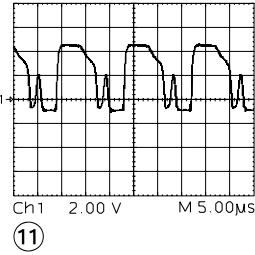
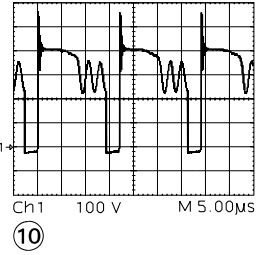
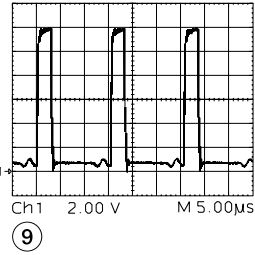
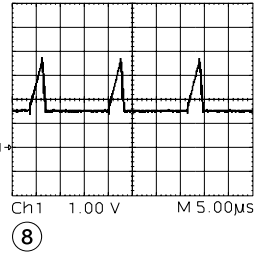


Chassisplatte (vergrößert) Ausschnitt 2
Chassis Board (enlarged) Detail 2

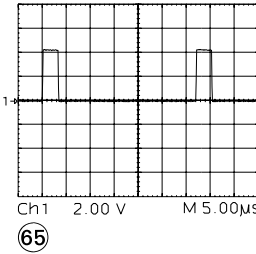
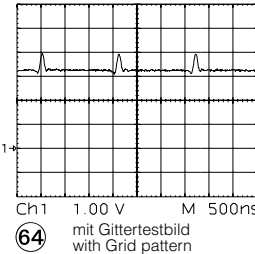
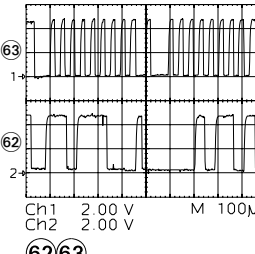
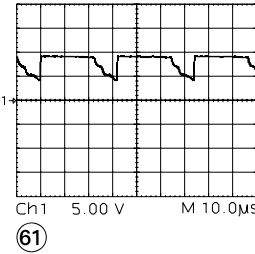
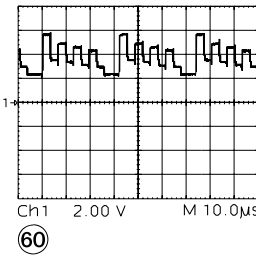
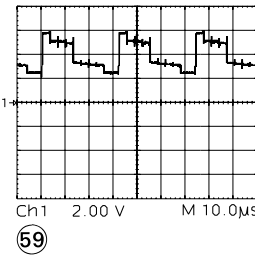
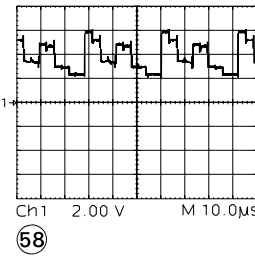
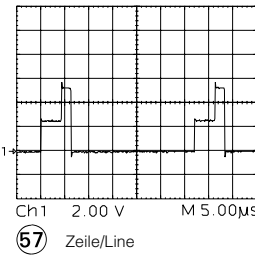
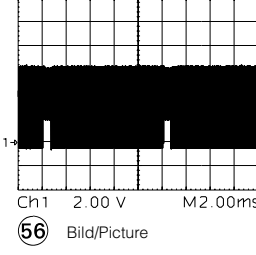
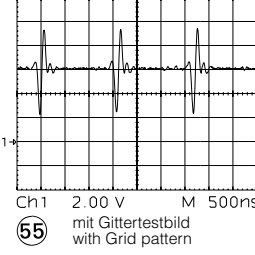
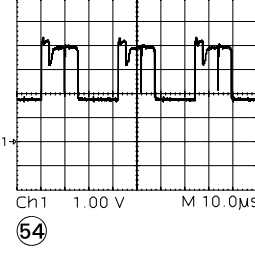
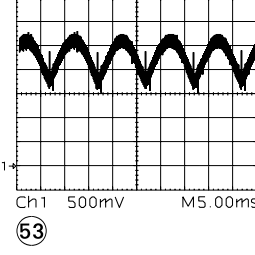
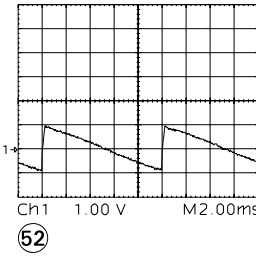
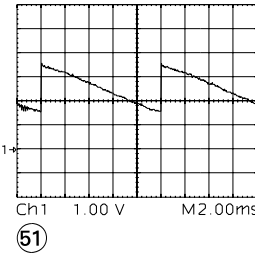
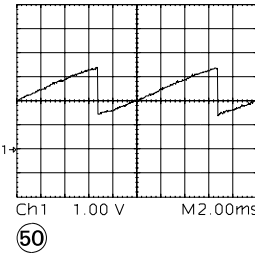
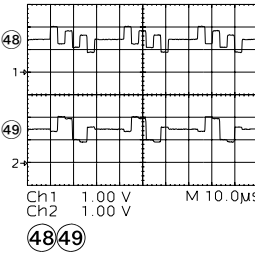
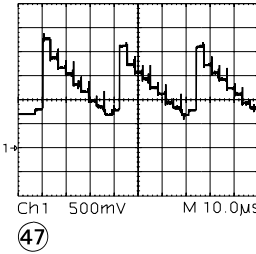
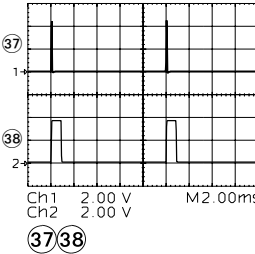
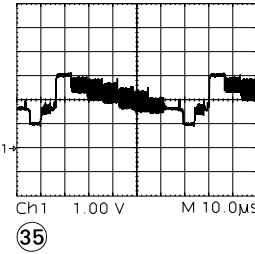
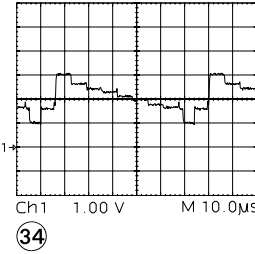
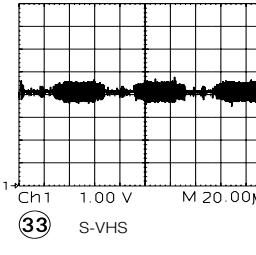
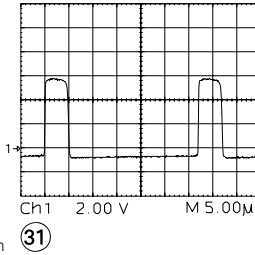
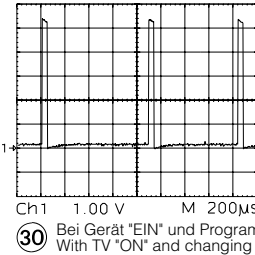
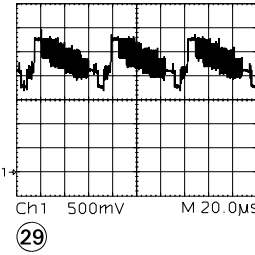
Lötseite, Ansicht von unten
Solder Side, Bottom View



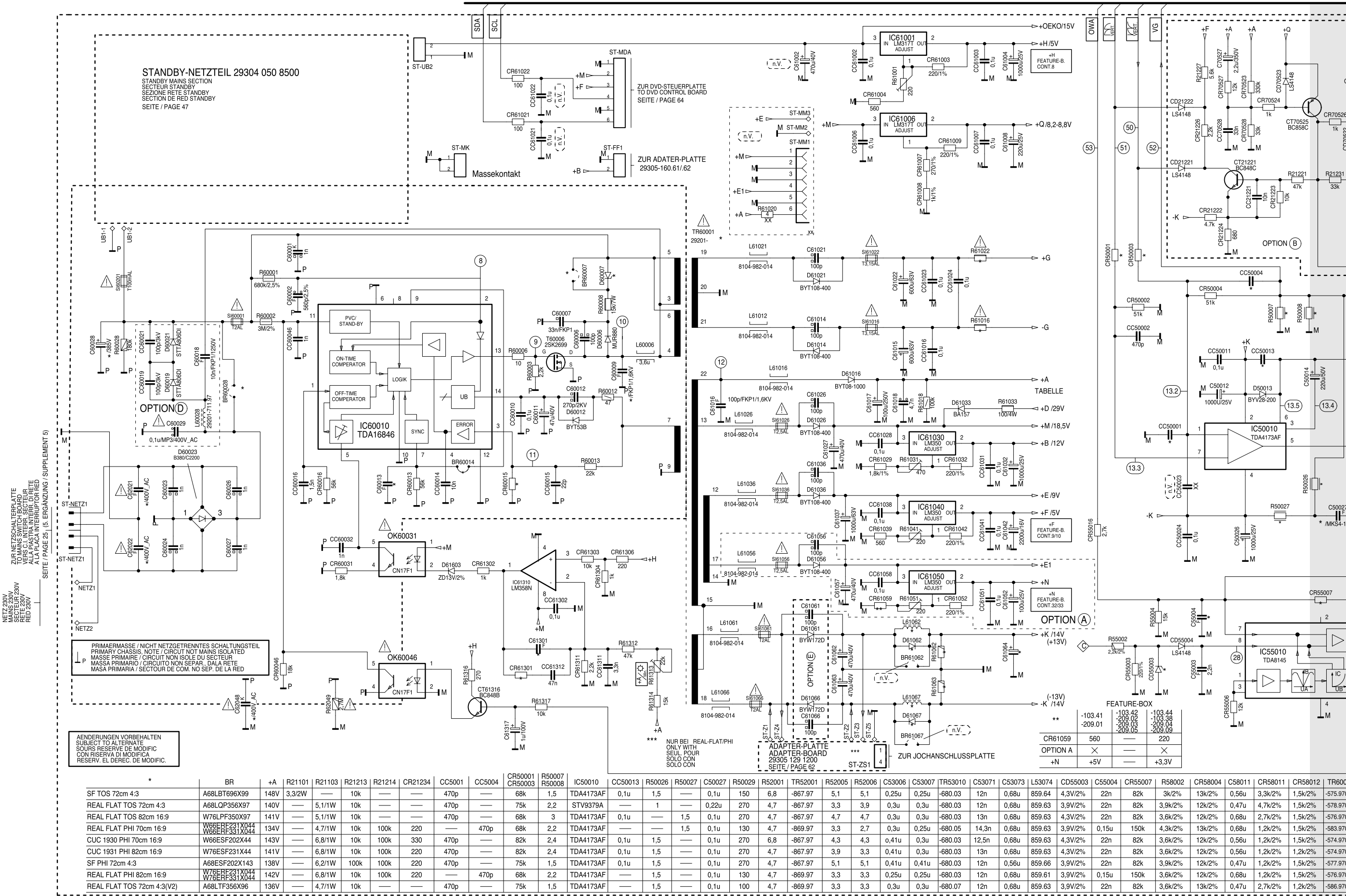
Oszillogramme Chassis / Oscillograms Chassis

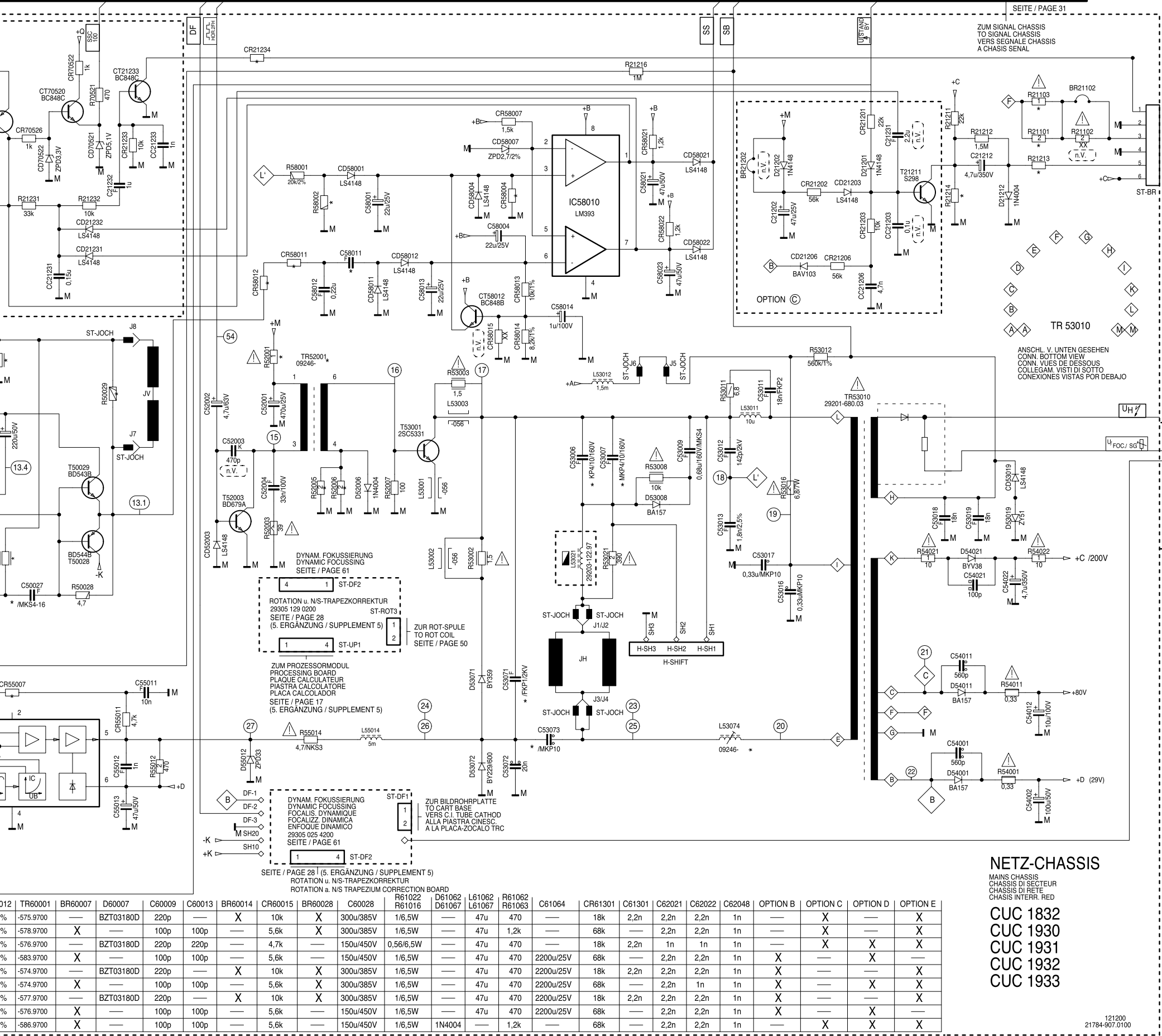


Oszillogramme Chassis / Oscillograms Chassis



Netz-Chassis / Mains Chassis





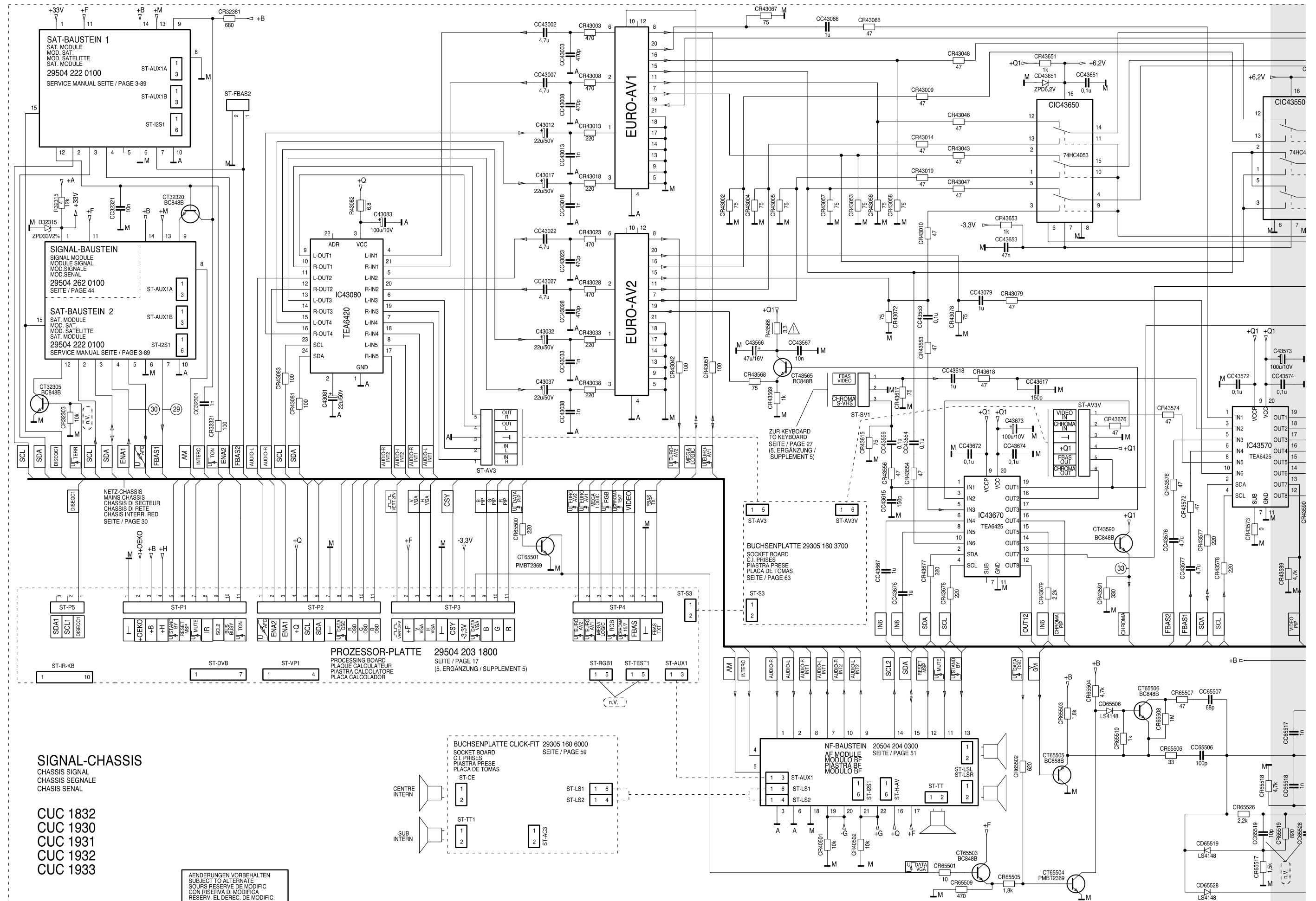
Spannungstabelle Table of Voltages	
+1	+12V
+2	+5V
+3	+3.3V +5V LFR
+4	+5V
+4A	+5V
+5	+5V
+7	+12V
+B	+12V
+B1	+12V
+C	+200V
+D	+29V
+E	+8.5V
+F	+5V
+F/1	+5V
+F/2	+5V
+F/3	+5V
+G	+17.5V +13V CUC 1931 STATUS
+G/1	+17.5V +13V CUC 1931 STATUS
+G/2	+16.5V +12V CUC 1931 STATUS
-G	-17.5V -13V CUC 1931 STATUS
-G/1	-17.5V -13V CUC 1931 STATUS
-G/2	-16.5V -12V CUC 1931 STATUS
+H	+5V
+K	+13V
-K	-13V
+M	+18.5V
+N	+5V LFR +3.3V
+Q	+8.5V
+Q/1	+8.5V
+Q/2	+6.3V
+Q/3	+8.5V
+Q/11	+6.3V
+OEKO	+9.5V – +14V

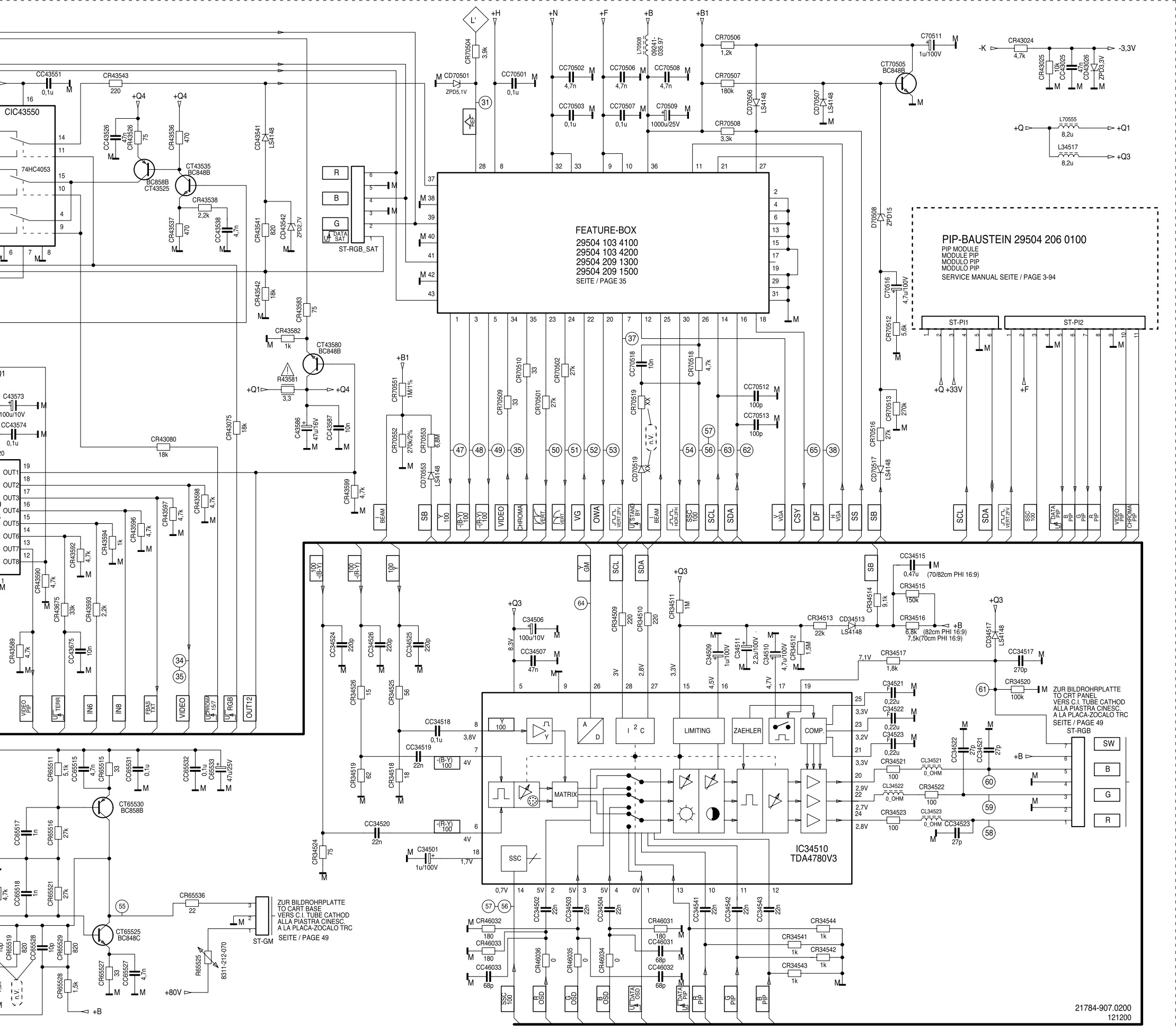
Bei den in den Schaltplänen angegebenen Messwerten handelt es sich um Näherungswerte!

The measured values given in the circuit diagrams are approximates!

J12	TR60001	BR60007	D60007	C60009	C60013	BR60014	CR60015	BR60028	C60028	R61022 R61067	D61062 D61067	L61062 L61067	R61062 R61063	C61064	CR61301	C61301	C62021	C62022	C62048	OPTION B	OPTION C	OPTION D	OPTION E
%	-575.9700	—	BZT03180D	220p	—	X	10k	X	300u/385V	1/6.5W	—	47u	470	—	18k	2.2n	2.2n	2.2n	1n	—	X	—	X
%	-578.9700	X	—	100p	100p	—	5.6k	X	300u/385V	1/6.5W	—	47u	1.2k	—	68k	—	2.2n	2.2n	1n	—	X	—	X
%	-576.9700	—	BZT03180D	220p	220p	—	4.7k	—	150u/450V	0.56/6.5W	—	47u	470	—	18k	2.2n	1n	1n	1n	—	X	X	X
%	-583.9700	X	—	100p	100p	—	5.6k	—	150u/450V	1/6.5W	—	47u	470	2200u/25V	68k	—	2.2n	2.2n	1n	X	—	X	—
%	-574.9700	—	BZT03180D	220p	—	X	10k	X	300u/385V	1/6.5W	—	47u	470	2200u/25V	18k	2.2n	2.2n	2.2n	1n	X	—	—	X
%	-574.9700	X	—	100p	100p	—	5.6k	X	300u/385V	1/6.5W	—	47u	470	2200u/25V	68k	—	2.2n	1n	1n	X	—	X	X
%	-577.9700	—	BZT03180D	220p	—	X	10k	X	300u/385V	1/6.5W	—	47u	470	2200u/25V	18k	2.2n	2.2n	2.2n	1n	X	—	—	X
%	-576.9700	X	—	100p	100p	—	5.6k	—	150u/450V	1/6.5W	—	47u	470	2200u/25V	68k	—	2.2n	2.2n	1n	X	—	X	—
%	-586.9700	X	—	100p	100p	—	5.6k	—	150u/450V	1/6.5W	1N4004	—	1.2k	—	68k	—	2.2n	2.2n	1n	—	X	X	X

Signal-Chassis / Chassis Signal

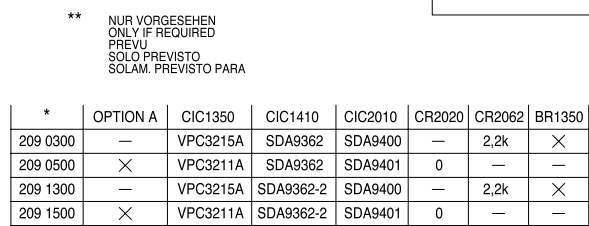


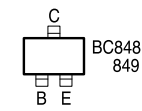
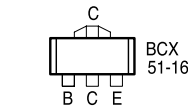
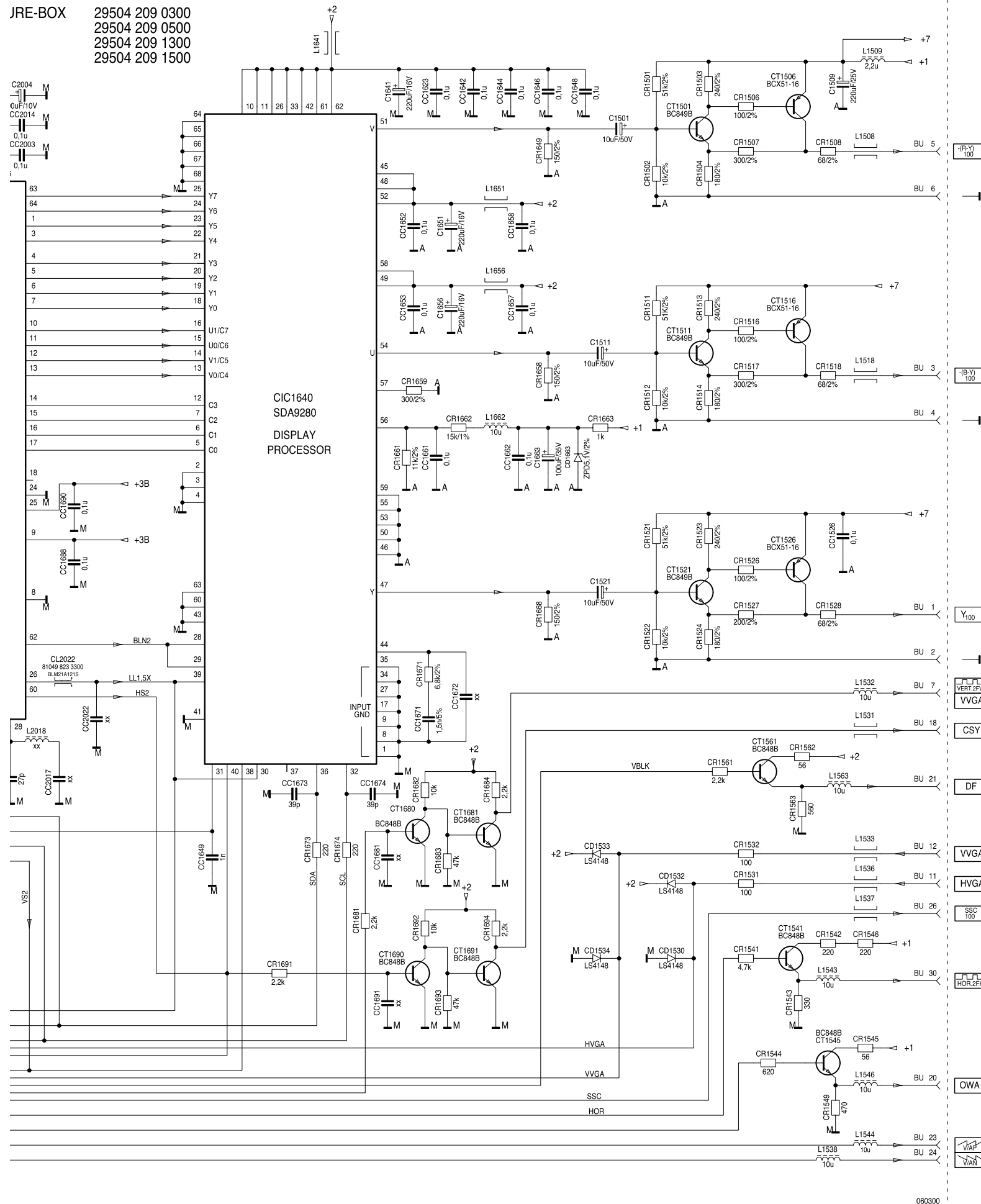


Spannungstabelle Table of Voltages	
+1	+12V
+2	+5V
+3	+3.3V
+4	+5V LFR
+5	+5V
+6	+5V
+7	+12V
+8	+12V
+9	+12V
+10	+200V
+11	+29V
+12	+8.5V
+13	+8.5V
+14	+5V
+15	+5V
+16	+5V
+17	+5V
+18	+5V
+19	+5V
+20	+5V
+21	+5V
+22	+5V
+23	+5V
+24	+5V
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+92	+5V
+93	+5V
+94	+5V
+95	+5V
+96	+5V
+97	+5V
+98	+5V
+99	+5V
+100	+5V

Bei den in den Schaltplänen angegebenen
Messwerten handelt es sich um Näherungswerte!
The measured values given in the circuit
diagrams are approximates!

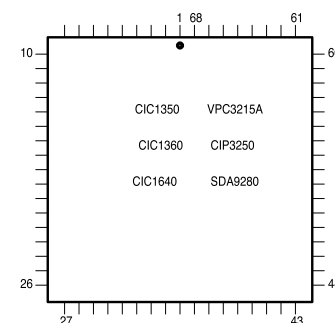
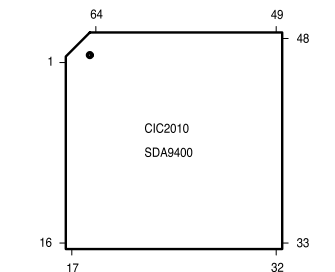
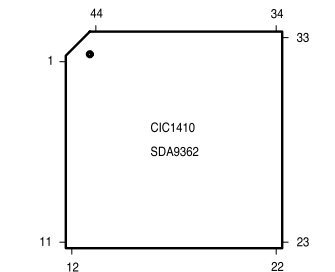
FEATURE-BO





IC VON OBEN
IC TOP VIEW
IC VUES DE DESSOUS
IC VEDUTO DA SOPRA
IC VISTO DESDE ARRIBA

01	BU-
02	Y/100 $\rightarrow$
03	MASSE $\rightarrow$
04	$\cdot(B-Y)/100$ $\rightarrow$
05	$\cdot(R-Y)/100$ $\rightarrow$
06	MASSE
07	VERT.2FV
08	$\rightarrow +H(+4/5V)$
09	$\rightarrow +F(+2/5V)$
10	$\rightarrow +F(+2/5V)$
11	$\rightarrow$ HVGA
12	$\rightarrow$ VVGA
13	MASSE
14	$\rightarrow$ SCL
15	MASSE
16	$\rightarrow$ SDA
17	MASSE
18	CSY $\rightarrow$
19	MASSE
20	OWA
21	DF
22	$\rightarrow$ VG
23	$\swarrow \searrow$ VIAP $\rightarrow$
24	$\swarrow \searrow$ VIAN
25	$\rightarrow$ IBEAM
26	SSC 100
27	$\rightarrow$ SS
28	$\rightarrow$ $\wedge$ REF
29	MASSE
30	HOR.2FH $\rightarrow$
31	MASSE
32	$\rightarrow +N(+3/5V)$
33	$\rightarrow +N(+3/5V)$
34	$\rightarrow$ FBAS
35	CHROMA
36	$\rightarrow +B(+1/12V)$
37	$\square$ DATA 50
38	MASSE ANALOG
39	$\rightarrow$ G50
40	MASSE ANALOG
41	$\rightarrow$ B50
42	MASSE ANALOG
43	$\rightarrow$ R50

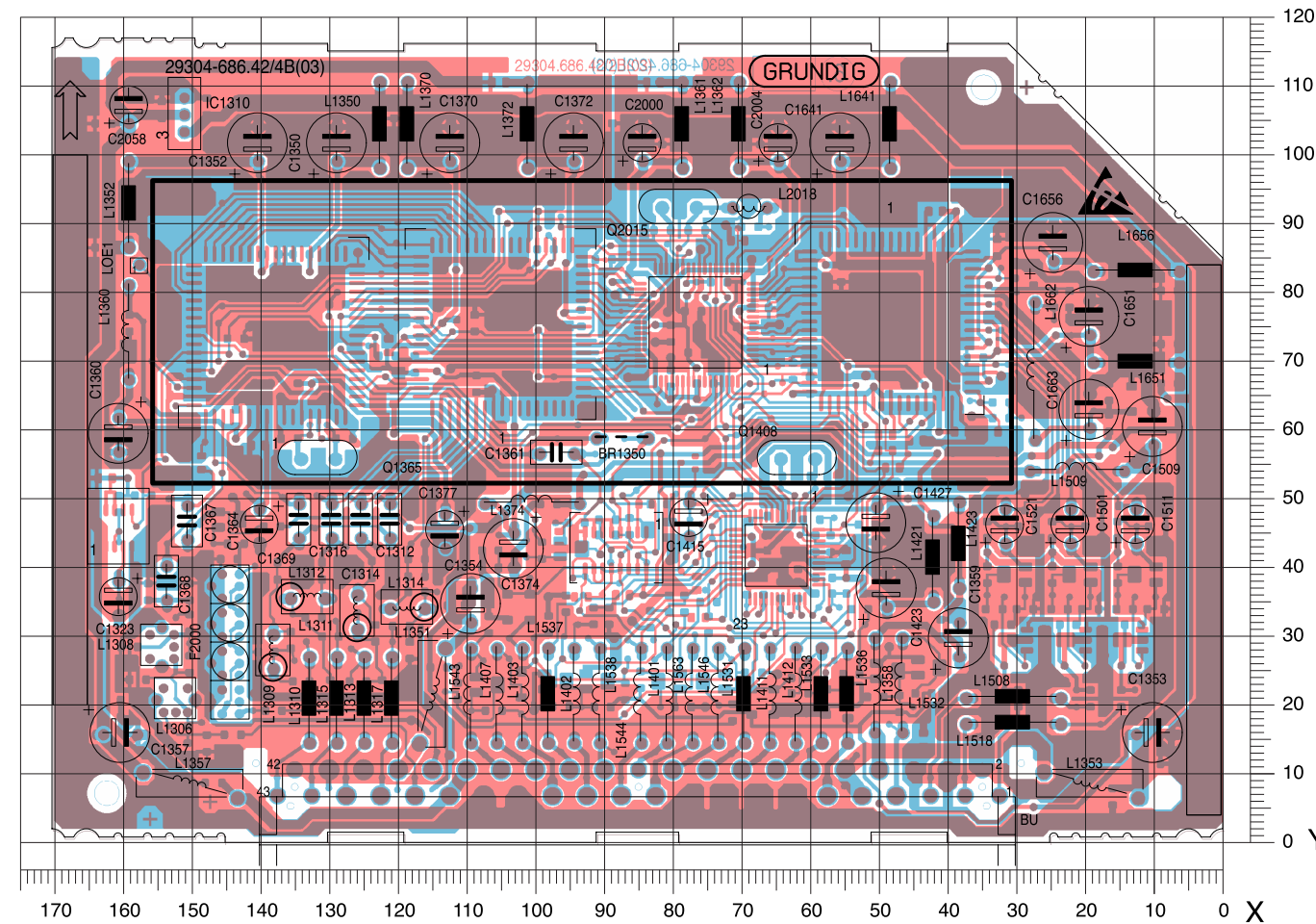


Spannungstabelle Table of Voltages	
+1	+12V
+2	+5V
+3	+3.3V +5V LFR
+4	+5V
+4A	+5V
+5	+5V
+7	+12V
+B	+12V
+B1	+12V
+C	+200V
+D	+29V
+E	+8.5V
+E1	+8.5V
+F	+5V
+F/1	+5V
+F/2	+5V
+F/3	+5V
+G	+17.5V +13V CUC 1931 STATUS
+G/1	+17.5V +13V CUC 1931 STATUS
+G/2	+16.5V +12V CUC 1931 STATUS
-G	-17.5V -13V CUC 1931 STATUS
-G/1	-17.5V -13V CUC 1931 STATUS
-G/2	-16.5V -12V CUC 1931 STATUS
+H	+5V
+K	+13V
-K	-13V
+M	+18.5V
+N	+5V LFR +3.3V
+Q	+8.5V
+Q/1	+8.5V
+Q/2	+6.3V
+Q/3	+8.5V
+Q/11	+6.3V
+OEKO	+9.5V – +14V

Bei den in den Schaltplänen angegebenen Messwerten handelt es sich um Näherungswerte!

The measured values given in the circuit diagrams are approximates!

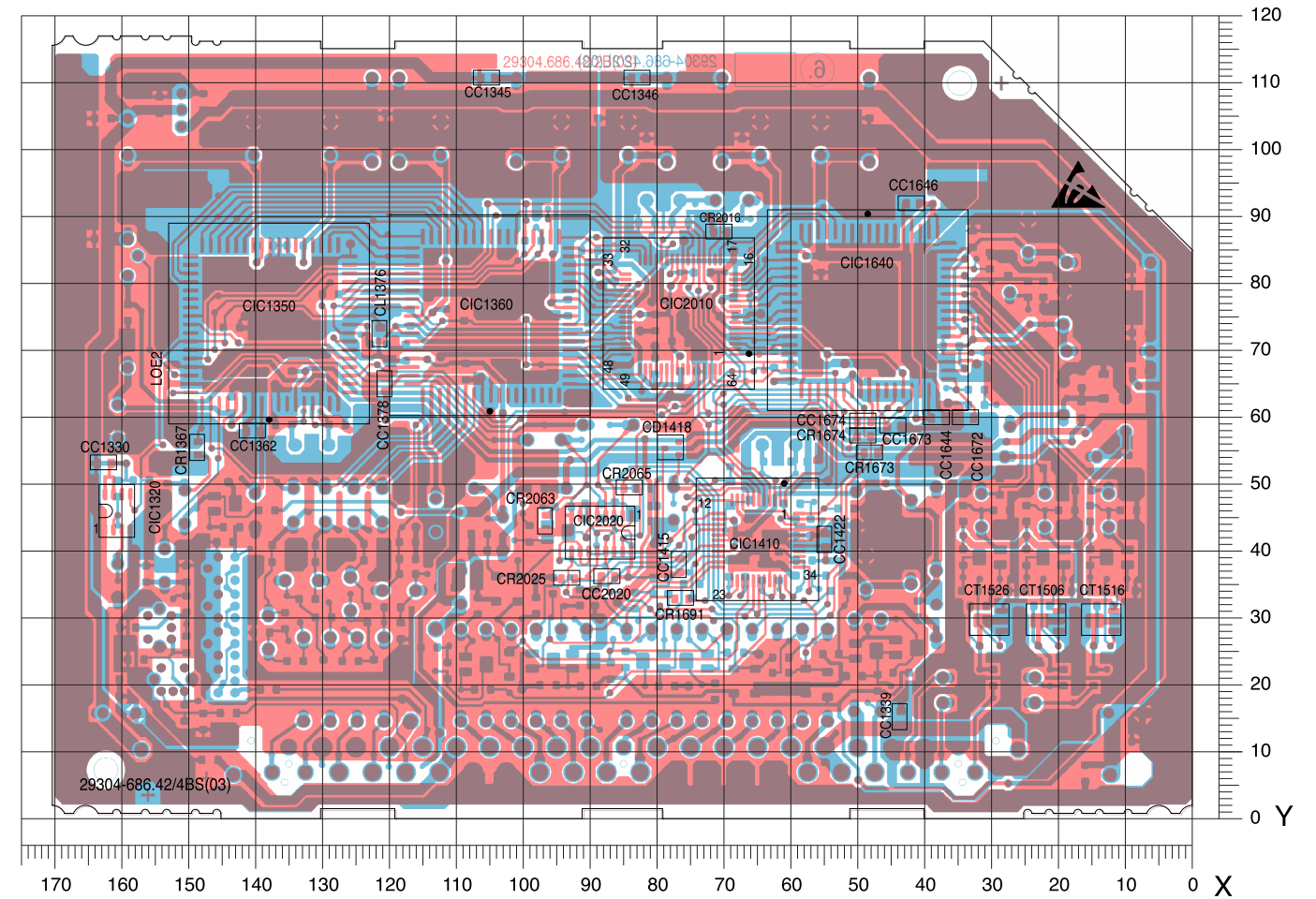
Bestückungsseite, Ansicht von oben
Component Side, Top View



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			
			X	Y				X	Y				X	Y				X	Y				X	Y
BR1350	88	59	C1370	113	101	F2000	144	29	L1358	51	23	L1532	47	23										
BU	85	2	C1372	94	101				L1360	159	74													
			C1374	103	43	IC1310	151	106	L1361	79	105	L1533	58	22										
C1312	121	47	C1377	113	46				L1362	71	105	L1536	55	22										
C1314	125	47				L1306	152	21	L1370	119	105	L1537	98	22										
C1316	130	47	C1415	77	47	L1308	155	29				L1538	91	22										
C1323	160	36	C1423	49	37	L1309	138	28	L1372	101	105	L1543	109	22										
C1350	129	101	C1427	51	47	L1310	133	21	L1374	101	49													
			C1501	23	46	L1311	126	34	L1401	81	22	L1544	85	22										
C1352	141	101	C1509	10	60				L1402	94	22	L1546	73	22										
C1353	11	16				L1312	133	36	L1403	102	22	L1563	77	22										
C1354	109	34	C1511	13	46	L1313	125	21				L1641	48	105										
C1357	161	16	C1521	32	46	L1314	119	34	L1407	106	22	L1651	13	70										
C1359	38	29	C1641	56	101	L1315	129	21	L1411	66	22													
			C1651	20	76	L1317	121	21	L1412	62	22	L1656	13	83										
C1360	161	60	C1656	25	87				L1421	42	42	L1662	28	69										
C1361	97	57				L1350	123	105	L1423	38	43	L2018	69	93										
C1364	140	46	C1663	20	63	L1351	115	22				LOE01	158	84										
C1367	151	47	C2000	85	102	L1352	159	93	L1508	31	21													
C1368	154	38	C2004	65	102	L1353	19	9	L1509	21	54	Q1365	132	56										
			C2058	160	107	L1357	150	9	L1518	31	18	Q1408	62	56										
C1369	134	47							L1531	70	22	Q2015	79	93										

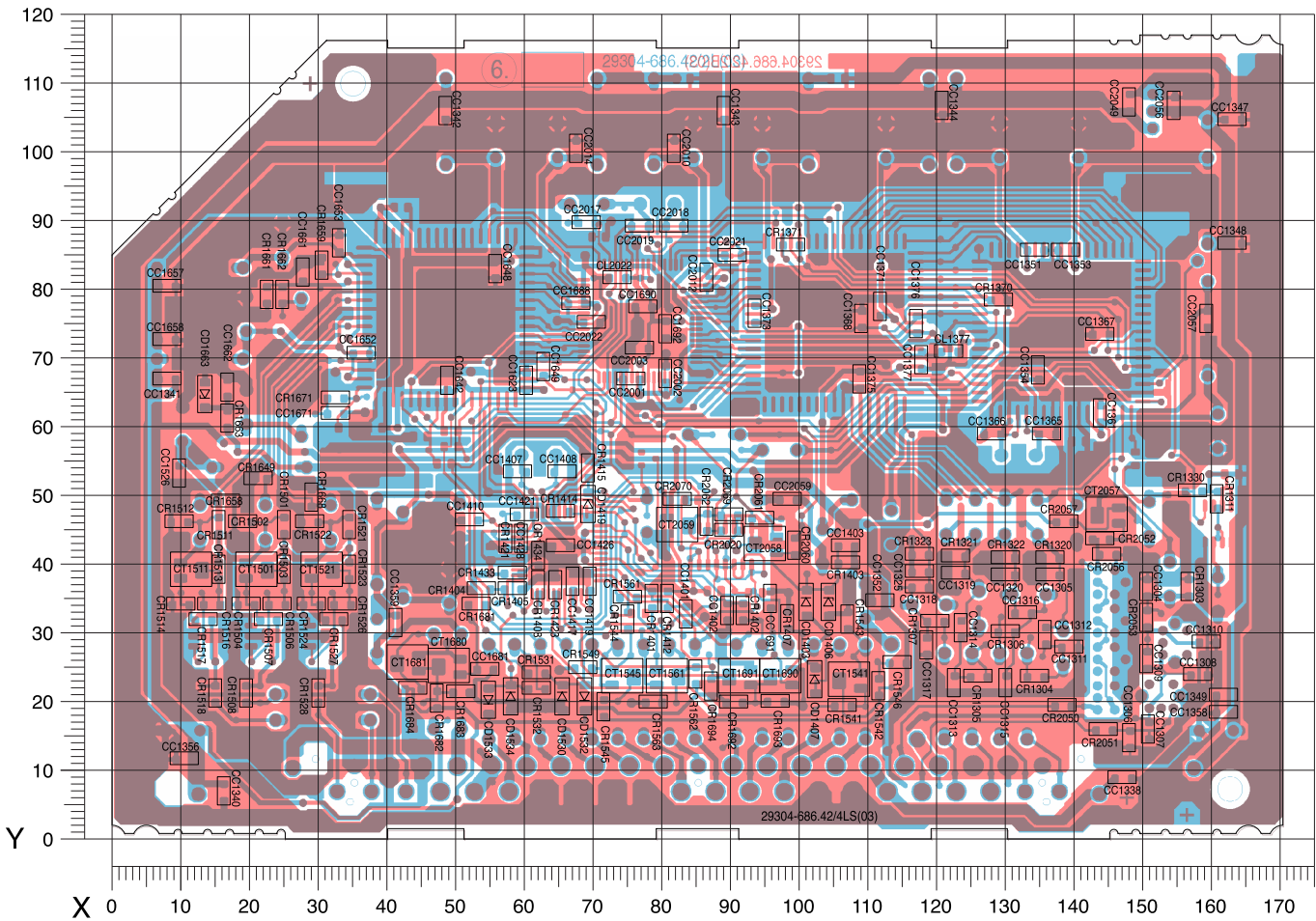
Bestückungsseite, Ansicht von oben
Component Side, Top View



Koordinaten für die Chip-Bauteile der Bestückungsseite (Oberseite)
Coordinates of the Chip 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	
	X	Y		X	Y		X	Y
CC1330	163	53	CC2020	88	36	CR1673	48	55
CC1339	44	15				CR1674	49	57
CC1345	106	111	CD1418	78	56	CR1691	77	33
CC1346	83	111	CIC1320	161	46	CR2016	71	88
CC1362	141	58	CIC1350	138	74			
			CIC1360	105	75	CR2025	94	36
CC1378	121	65	CIC1410	65	42	CR2063	97	44
CC1415	77	38	CIC1640	48	76	CR2065	84	49
CC1422	55	42						
CC1644	38	60	CIC2010	77	76	CT1506	22	30
CC1646	42	92	CIC2020	89	43	CT1516	14	30
						CT1526	30	30
CC1672	34	60	CL1376	122	73			
CC1673	45	59				LOE02	154	67
CC1674	49	59	CR1367	149	56			

Lötseite, Ansicht von unten
Solder Side, Bottom View

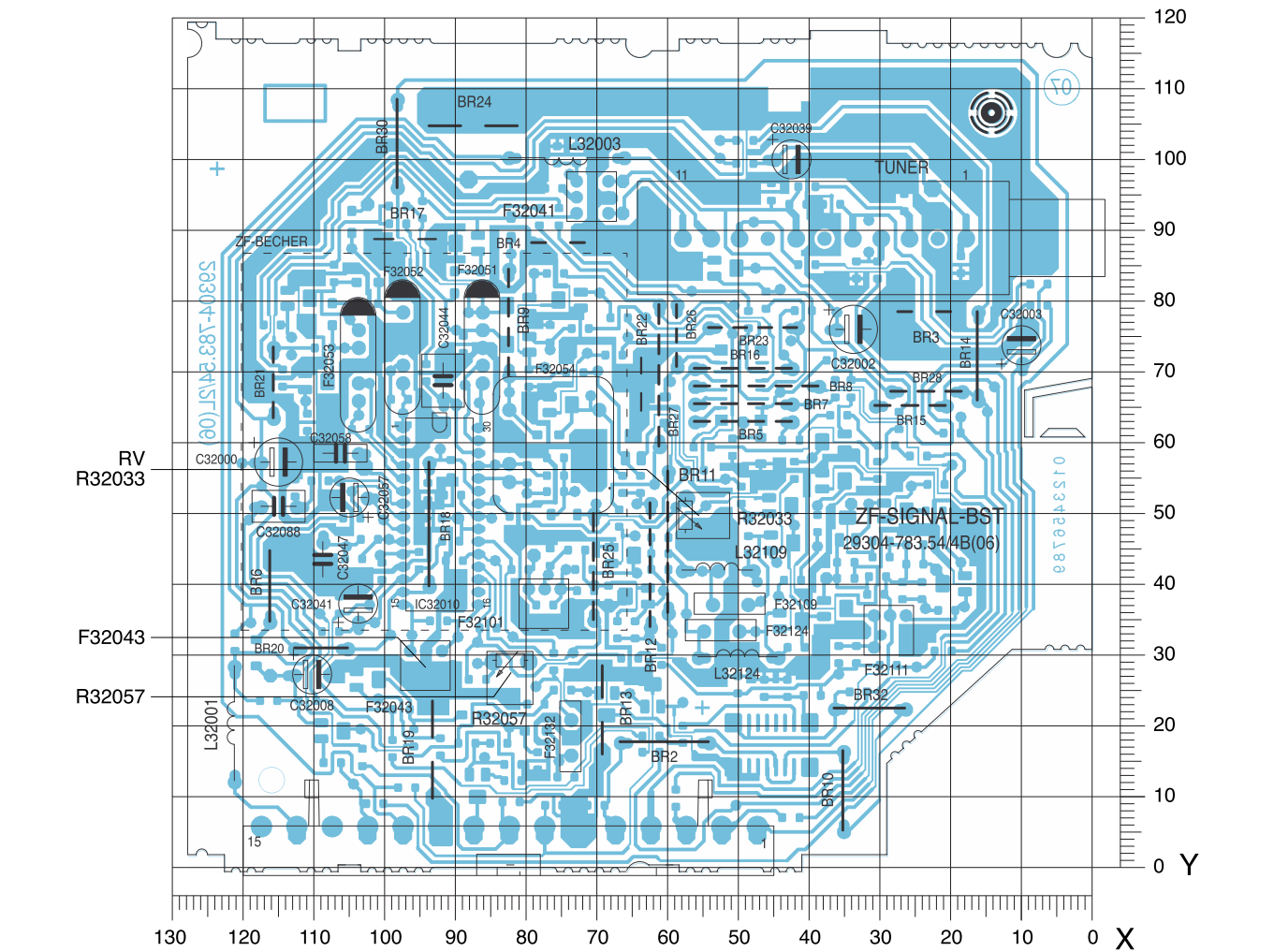


Koordinaten für die Bauteile der Lötseite (Unterseite)
Coordinates of the Components on the Solder Side (Bottom Side)

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
CC1304	150	37	CC1361	144	62	CC1681	54	25	CR1304	134	24	CR1512	10	46	CR1682	47	20
CC1305	136	38				CC1688	68	78	CR1305	126	24	CR1513	15	39			
CC1306	148	15	CC1365	136	59	CC1690	77	78	CR1306	130	30	CR1514	10	34	CR1683	51	22
CC1307	151	16	CC1366	128	59				CR1307	120	32	CR1515	15	34	CR1684	44	22
CC1308	158	24	CC1367	144	73	CC1691	96	35				CR1516	13	32	CR1688	90	20
			CC1368	109	76	CC1692	81	74	CR1311	161	49	CR1517			CR1693	97	20
CC1309	150	26	CC1373	94	77	CC2001	76	67	CR1320	136	41	CR1518	15	21	CR1694	87	22
CC1310	159	29	CC1375	109	67	CC2002	81	68	CR1321	123	41	CR1521	35	46			
CC1311	139	28	CC1376	117	75	CC2003	77	72	CR1322	130	41	CR1522	29	46	CR2020	90	45
CC1312	136	30	CC1377	118	70				CR1323	117	42	CR1523	35	39	CR2050	138	20
CC1313	123	23	CC1401	84	33	CC2010	82	100				CR1524	29	34	CR2051	144	16
						CC2012	86	82	CR1330	157	51				CR2052	144	44
CC1314	124	31	CC1402	90	33	CC2014	68	100	CR1370	129	78	CR1526	33	34	CR2053	150	32
CC1315	130	23	CC1403	107	43	CC2017	69	90	CR1371	99	86	CR1527	32	32			
CC1316	133	33	CC1407	59	53	CC2018	82	89	CR1401	78	35	CR1528	30	21	CR2056	145	42
CC1317	118	28	CC1408	65	53				CR1402	92	33	CR1531	62	24	CR2057	139	46
CC1318	117	37	CC1410	52	47	CC2019	77	89				CR1532	62	22	CR2060	99	43
			CC1417	67	38	CC2021	90	85	CR1403	107	40				CR2061	94	47
CC1319	123	39	CC1419	69	38	CC2022	70	75	CR1404	54	37	CR1541	106	20	CR2062	86	46
CC1320	130	38	CC1420	52	47	CC2049	148	107	CR1405	58	37	CR1542	111	22			
CC1325	117	39	CC1421	60	47	CC2056	155	107	CR1407	98	32	CR1543	107	32	CR2069	90	47
CC1338	147	9	CC1426	65	43				CR1408	62	37	CR1544	75	32	CR2070	82	49
CC1340	16	7	CC1428	59	44	CC2057	159	76				CR1545	72	19			
						CC2059	98	49	CR1412	81	35				CT1501	21	39
CC1341	8	67							CR1414	65	48	CR1546	114	26	CT1511	11	39
CC1342	48	106	CC1526	10	53	CD1403	101	35	CR1415	69	54	CR1549	69	25	CT1512	30	39
CC1343	89	106	CC1623	60	67	CD1406	104	35	CR1421	57	44	CR1561	75	35	CT1541	107	23
CC1344	121	107	CC1642	49	67	CD1407	102	23	CR1423	65	37	CR1562	85	24	CT1545	74	24
CC1347	163	105	CC1648	56	83	CD1419	69	49				CR1563	79	20			
			CC1649	63	69	CD1530	65	21	CR1433	58	39				CT1561	81	24
CC1348	163	87							CR1434	62	41	CR1649	21	53	CT1680	49	25
CC1349	162	21	CC1652	36	71	CD1532	69	21	CR1501	25	46	CR1658	16	49	CT1681	43	26
CC1351	134	86	CC1653	33	87	CD1533	55	20	CR1502	19	46	CR1659	30	84	CT1690	97	24
CC1352	112	35	CC1657	8	81	CD1534	58	21	CR1503	25	39	CR1661	23	79	CT1691	91	24
CC1353	139	86	CC1658	8	73	CD1663	14	65				CR1662	25	79			
			CC1661	28	83				CR1504	20	34				CT2057	145	47
CC1354	135	68				CL1377	122	71	CR1506	24	34	CR1663	17	61	CT2058	95	43
CC1356	10	12	CC1662	17	66	CL2022	73	82	CR1507	23	32	CR1668	29	50	CT2059	82	46
CC1358	162	19	CC1671	33	62				CR1508	20	21	CR1671	33	64			
CC1359	41	32				CR1303	157	37	CR1511	15	46	CR1681	53	34			

Signal-Baustein / Signal Module 295042620300

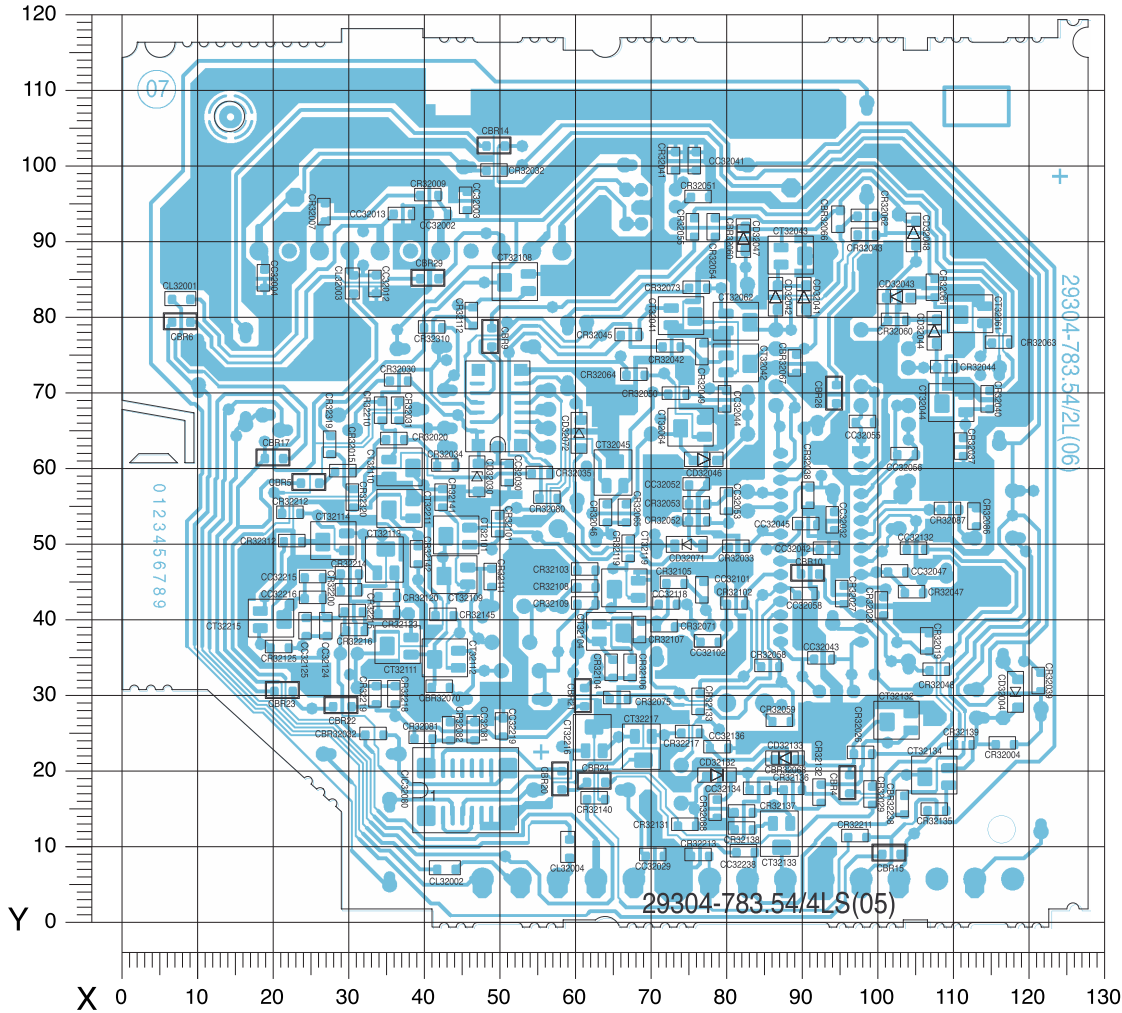
Bestückungsseite, Ansicht von oben
Component Side, Top View



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
BR02	60	18	BR15	25	65	BR27	61	69	C32058	106	59	F32132	73	19			
BR03	23	79	BR16	49	70	BR28	23	67				IC32010	92	50			
BR04	75	88				BR30	98	102	C32088	114	51	L32001	121	20			
BR05	49	63	BR17	97	89	BR32	31	23				L32003	74	100			
BR06	116	40	BR18	93	49				F32041	70	95	L32109	53	42			
			BR19	93	17				F32043	94	29	L32124	50	30			
BR07	49	65	BR20	108	31	C32000	115	57	F32051	86	74						
BR08	47	68	BR21	115	69	C32002	33	76	F32052	97	74						
BR09	82	77				C32003	10	74	F32053	103	71						
BR10	35	11	BR22	63	68	C32008	110	28									
BR11	60	46	BR23	48	76	C32039	42	100	F32054	76	60	R32033	55	50			
			BR24	87	105	C32041	104	37	F32101	77	37	R32057	82	27			
BR12	62	43	BR25	70	43	C32044	91	69	F32109	51	37	STL	82	1			
BR13	69	22	BR26	58	75	C32047	108	44	F32111	28	34						
BR14	16	72				C32057	105	52	F32124	52	34	TUNER	31	89			

Lötseite, Ansicht von unten
Solder Side, Bottom View

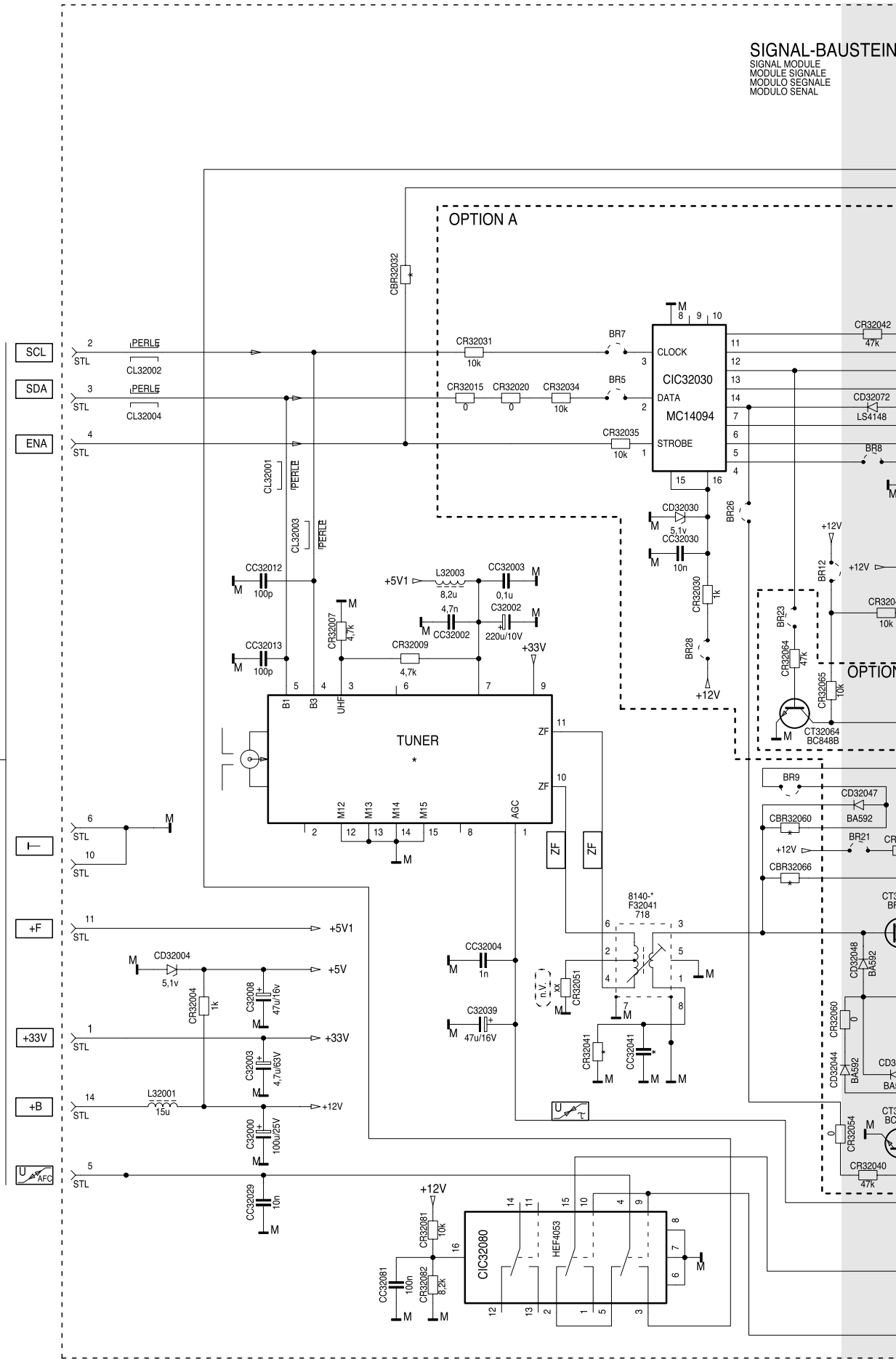


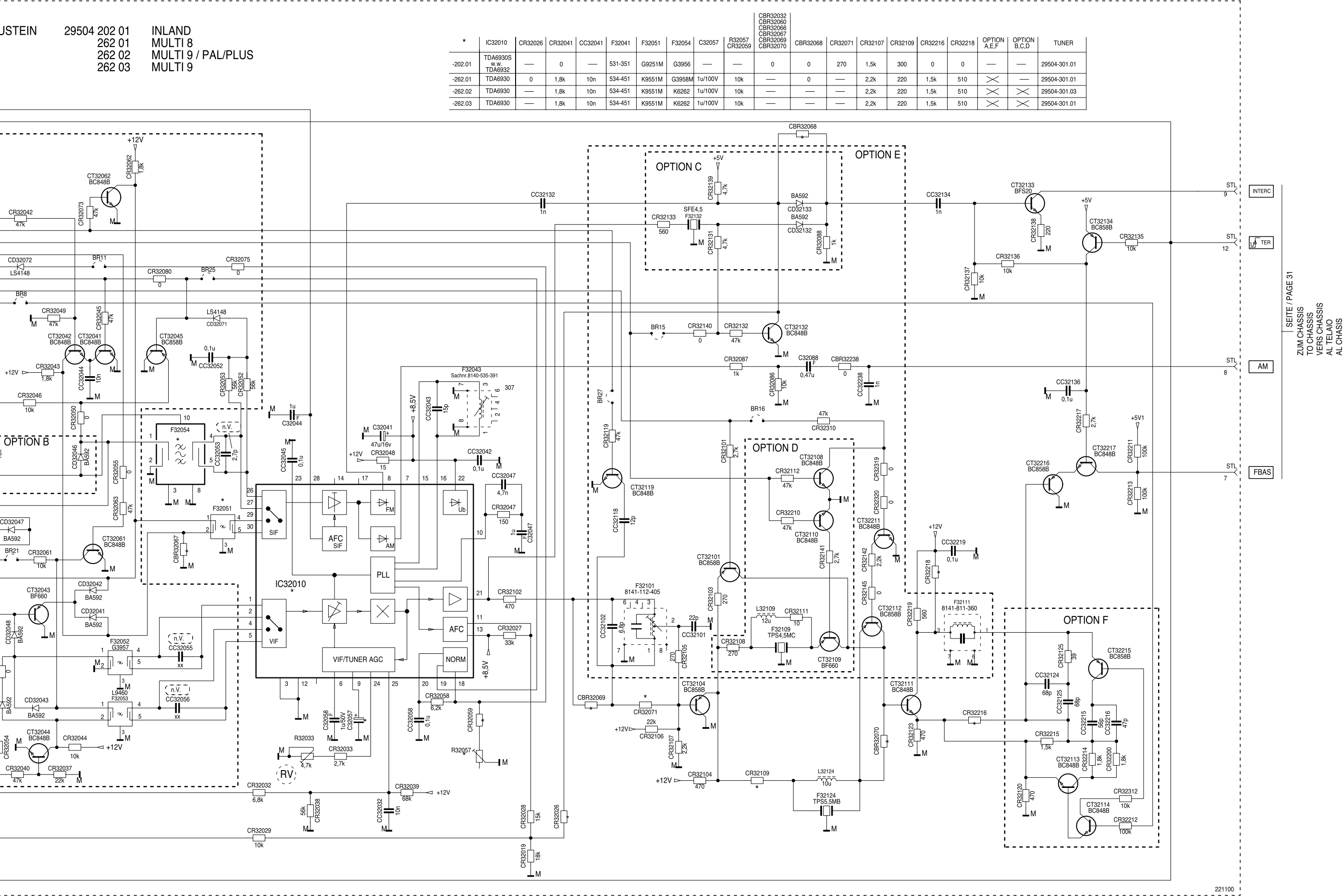
Koordinaten für die Bauteile der Lötseite (Unterseite) / Coordinates of the Components on the Solder Side (Bottom Side)

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		Pos.-Nr./ Pos. No.	Koordinaten/ Coordinates	
	X	Y		X	Y		X	Y		X	Y		X	Y		X	Y		X	Y
CBR04	96	19	CC32043	93	35	CD32072	61	65	CR32044	109	74	CR32104	65	34	CR32218	36	30	CIC32030 CIC32080	50	68
CBR05	25	58	CC32044	80	69	CD32132	79	19	CR32045	67	78	CR32105	74	45	CR32219	34	30		46	18
CBR06	8	80	CC32045	91	53	CD32133	88	22	CR32046	65	54	CR32106	68	34	CR32310	41	79		8	8
CBR09	49	77	CC32047	103	47				CR32047	105	44	CR32107	69	39	CR32312	23	50		105	44
CBR10	91	46	CC32052	77	58				CR32048	108	34	CR32108	62	44	CR32319	28	63		108	34
									CR32049	77	76				CR32320	31	56		77	76
CBR14	50	103	CC32053	81	56				CR32050	74	70								74	70
CBR15	102	9	CC32055	99	66							CR32109	62	42	CT32041	75	80			
CBR17	21	61	CC32056	104	62	CL32001	43	7	CR32051	77	96	CR32111	49	46	CT32042	82	74			
CBR20	59	19	CC32058	91	44	CL32002	43	7	CR32052	76	53	CR32112	47	80	CT32043	89	88			
CBR21	61	30	CC32081	47	26	CL32003	31	85	CR32053	76	55	CR32119	67	49	CT32044	110	69			
						CL32004	60	10	CR32054	79	92	CR32120	36	43	CT32045	66	59			
CBR22	30	29	CC32101	77	44				CR32055	76	92									
CBR23	22	31	CC32102	78	37	CR32004	117	24	CR32056	76	92	CR32123	36	41	CT32061	113	80			
CBR24	63	19	CC32118	73	42	CR32107	27	94	CR32057	76	92	CR32125	21	37	CT32062	82	80			
CBR26	95	70	CC32124	28	39	CR32009	41	96	CR32058	86	34	CR32131	75	13	CT32064	76	65			
CBR29	41	85	CC32125	25	39	CR32015	30	60	CR32059	88	27	CR32132	93	17	CT32101	45	51			
						CR32019	107	37	CR32060	103	80	CR32133	77	29	CT32104	65	39			
CBR32032	34	25	CC32132	105	49	CR32020	36	64	CR32061	108	84	CR32135	108	15						
CBR32060	83	90	CC32134	85	18	CR32026	98	23	CR32062	99	94	CR32136	89	18	CT32108	52	85			
CBR32066	95	93	CC32136	79	23	CR32027	96	44				CR32137	82	15	CT32109	45	46			
CBR32067	89	74	CC32215	26	46	CR32028	101	42	CR32063	116	77	CR32138	82	12	CT32110	37	60			
CBR32068	88	22	CC32216	26	43	CR32029	99	17	CR32064	68	73	CR32139	112	24	CT32111	37	37			
									CR32065	67	54				CT32112	43	35			
CBR32069	78	37	CC32219	51	26	CR32030	37	72	CR32066	72	39	CR32140	63	16						
CBR32070	42	31	CC32238	83	10	CR32031	37	68	CR32067	76	84	CR32141	43	56	CT32113	35	48			
CBR32238	104	16				CR32032	50	99	CR32068			CR32142	40	49	CT32114	28	50			
			CD32004	119	31	CR32033	82	50	CR32069			CR32145	43	41	CT32119	67	44			
CC32002	42	94	CD32030	47	59	CR32034	43	61	CR32070			CR32200	31	44	CT32132	103	27			
CC32003	46	95	CD32041	91	83				CR32071			CR32210	35	68	CT32133	88	12			
CC32004	19	85	CD32042	87	83	CR32035	56	59	CR32072			CR32211	97	11	CT32134	108	19			
CC32012	34	85	CD32043	103	83	CR32037	112	63	CR32073			CR32212	23	54	CT32211	37	55			
CC32013	37	94				CR32038	91	57				CR32213	77	9	CT32215	20	40			
			CD32044	108	78	CR32039	122	32	CR32074			CR32214	31	46	CT32216	63	24			
CC32029	71	9	CD32046	78	61	CR32040	115	69	CR32075			CR32215	31	41	CT32217	69	23			
CC32030	51	60	CD32047	83	90				CR32076			CR32216	31	39						
CC32032	95	53	CD32048	105	91	CR32041	74	101	CR32077			CR32217	76	25						
CC32041	76	101	CD32071	75	50	CR32042	73	76	CR32078											
CC32042	94	49				CR32043	99	91	CR32079											

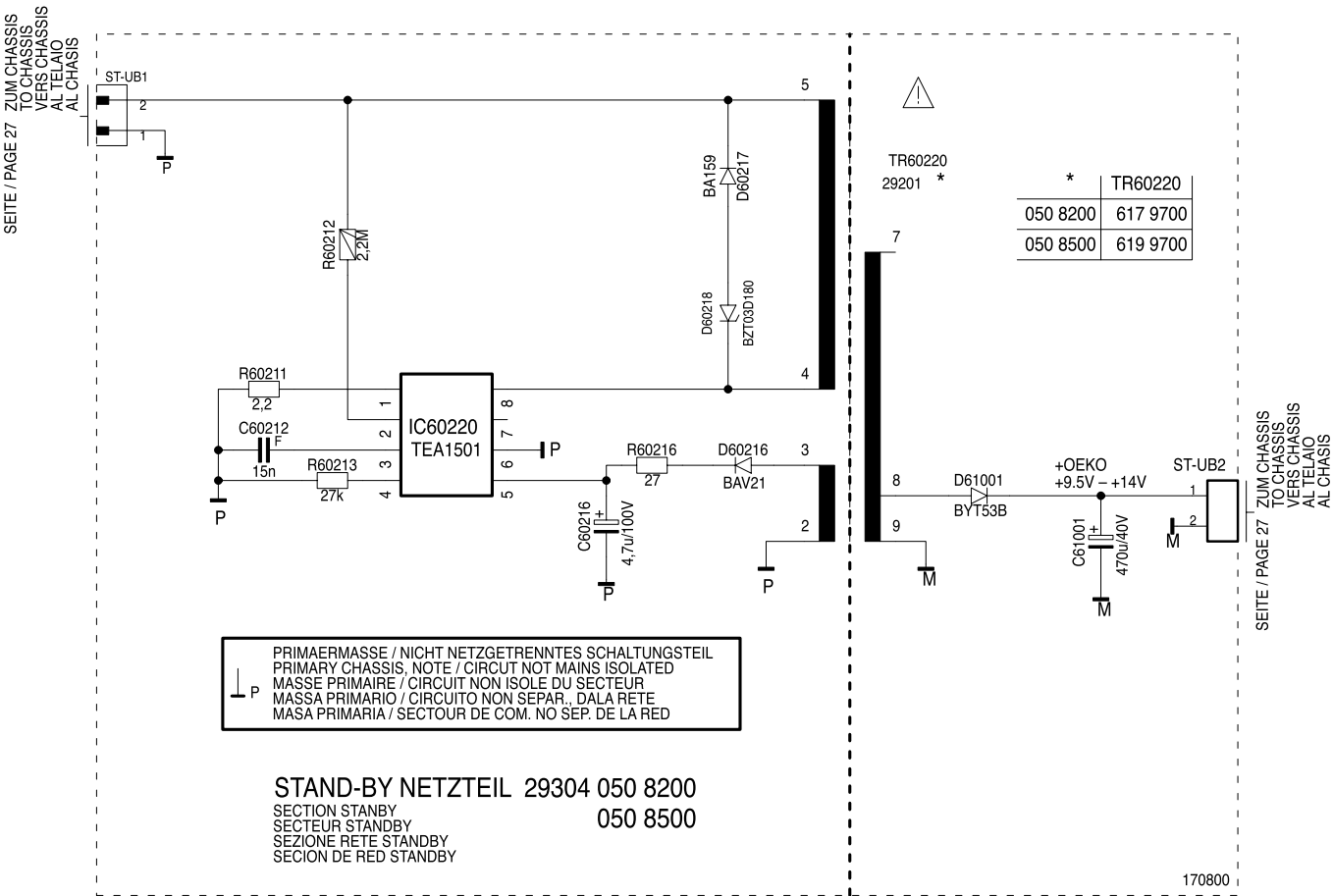
ZUM CHASSIS
TO CHASSIS
VERS CHASSIS
AL TELAIO

SEITE / PAGE 31

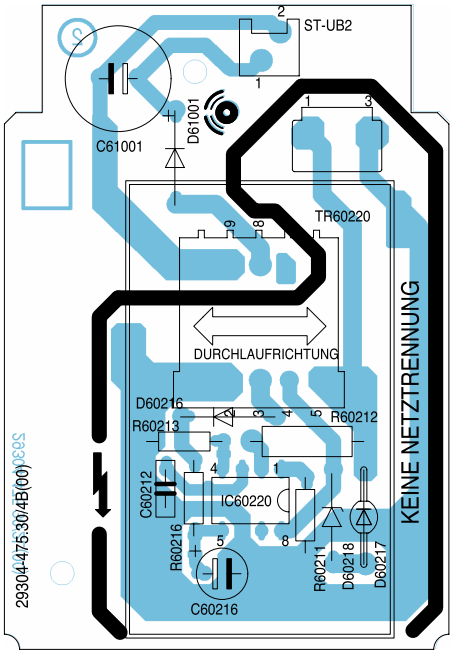




Standby-Netzteil / Section Standby 293040508500

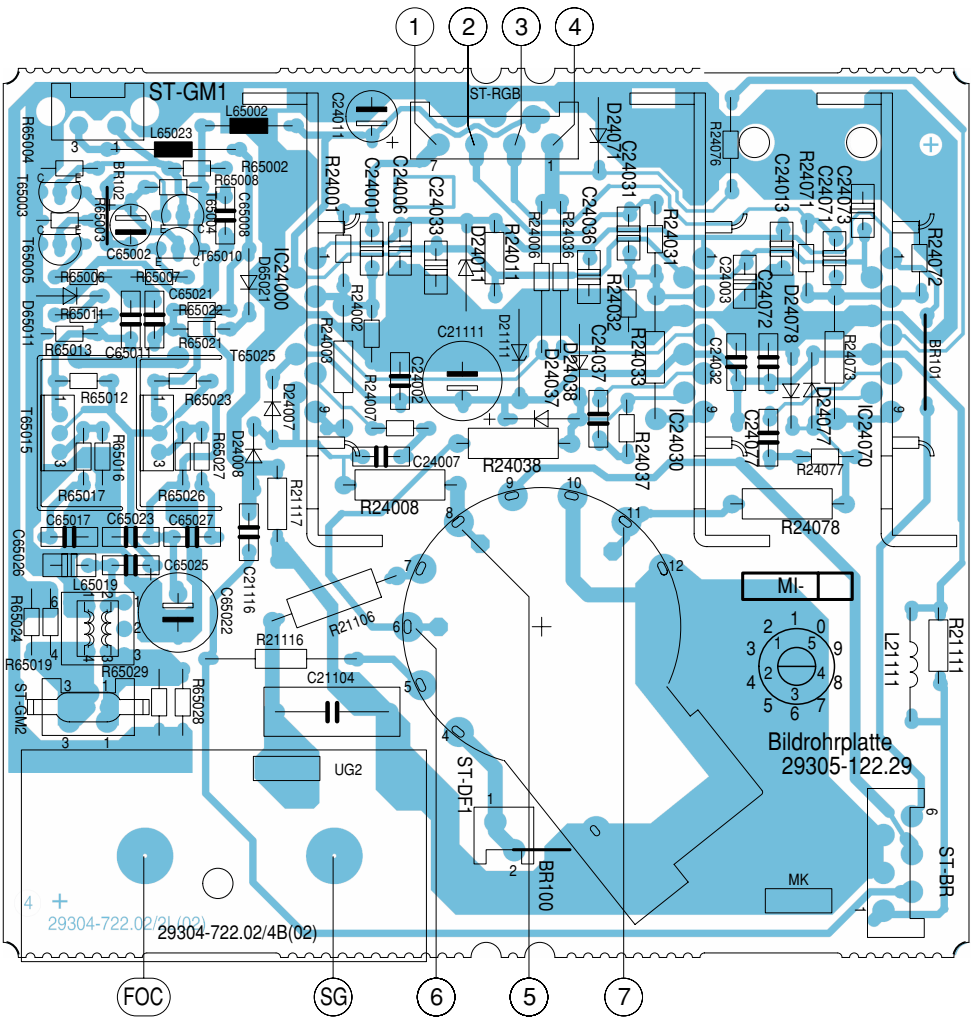


Bestückungsseite, Ansicht von oben
Component Side, Top View



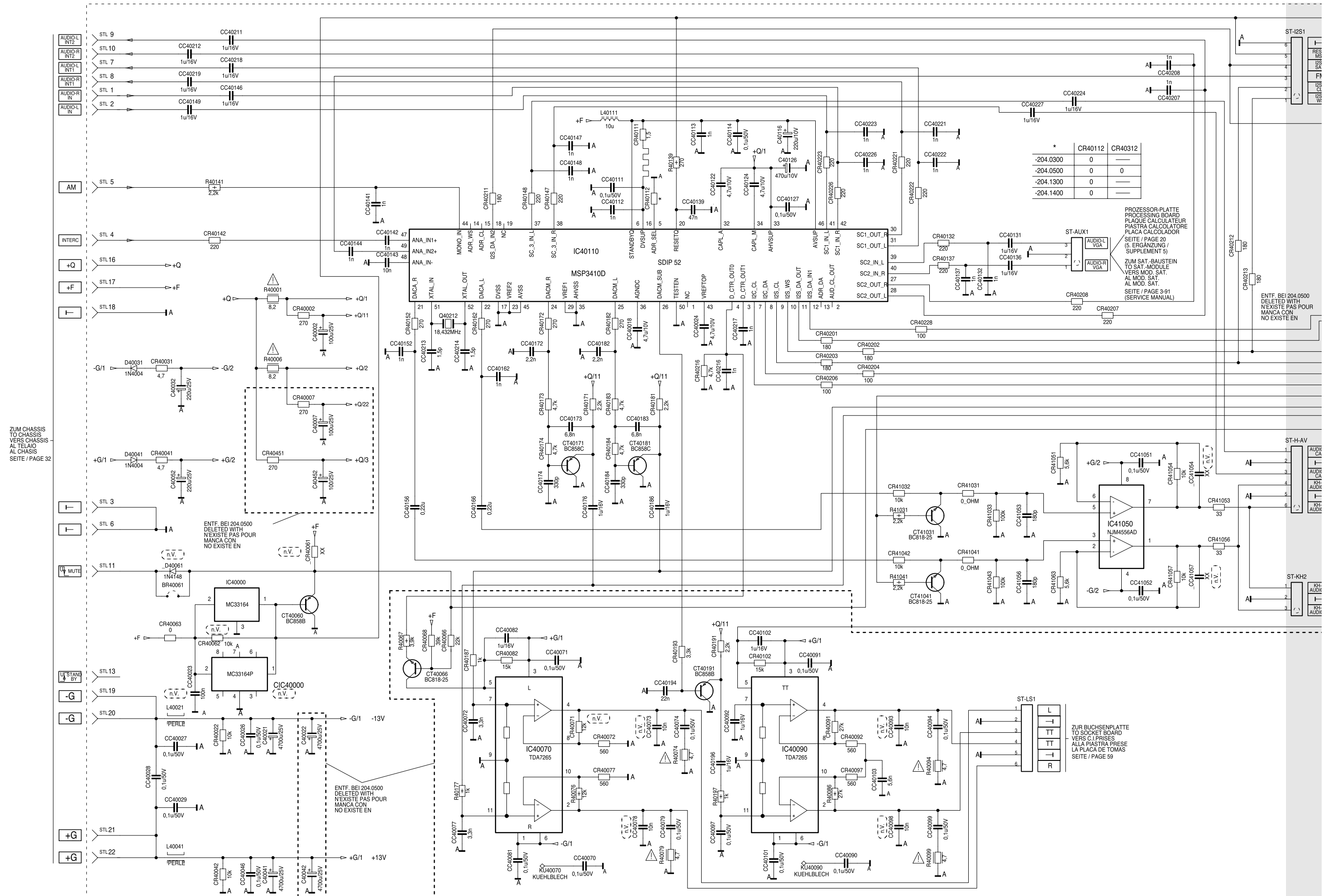
Bildrohrplatte / CRT Panel 293051222900

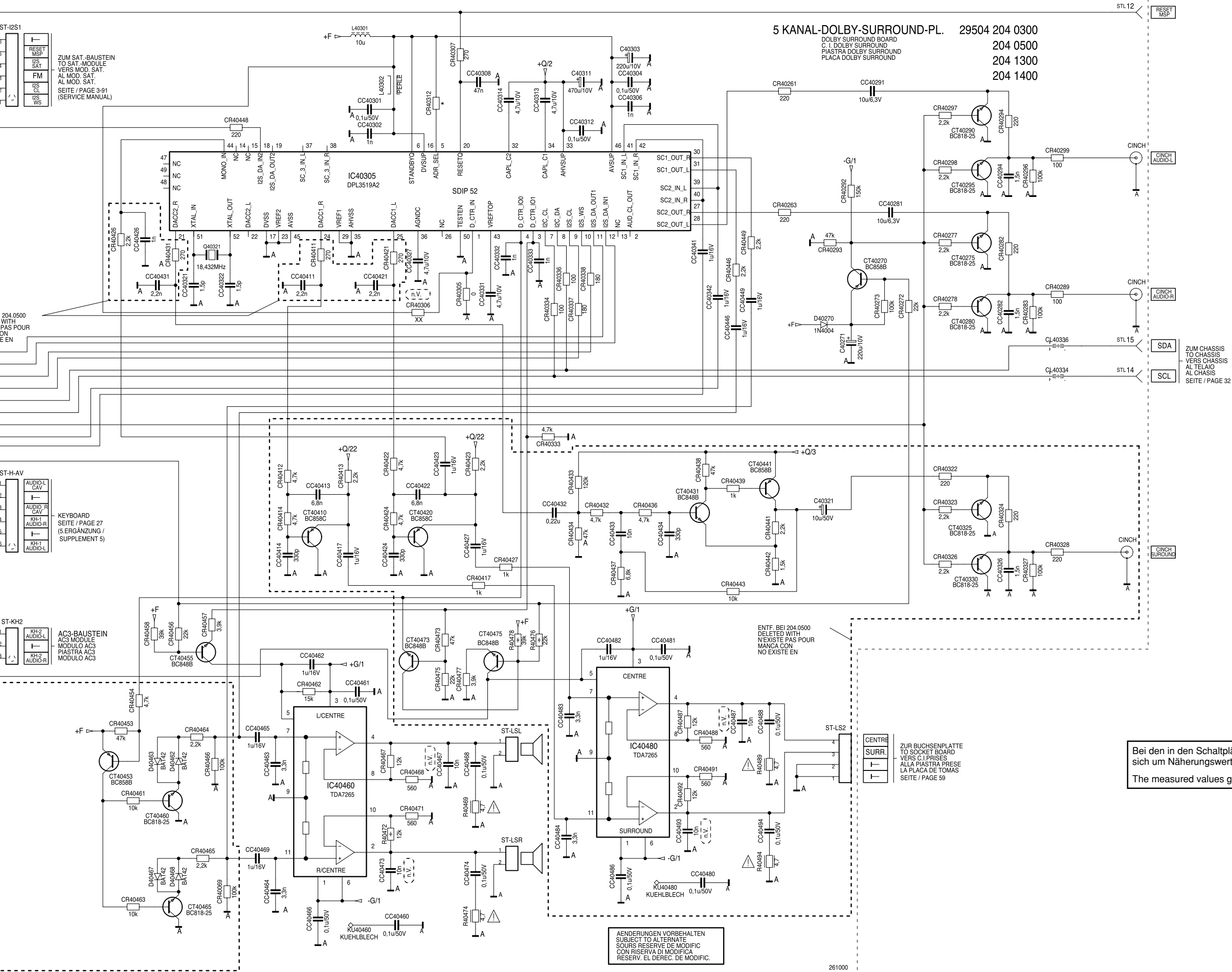
Lötseite, Ansicht von unten
Solder Side, Bottom View





Dolby-Surround-Platte / Dolby-Surround Board 295042041400

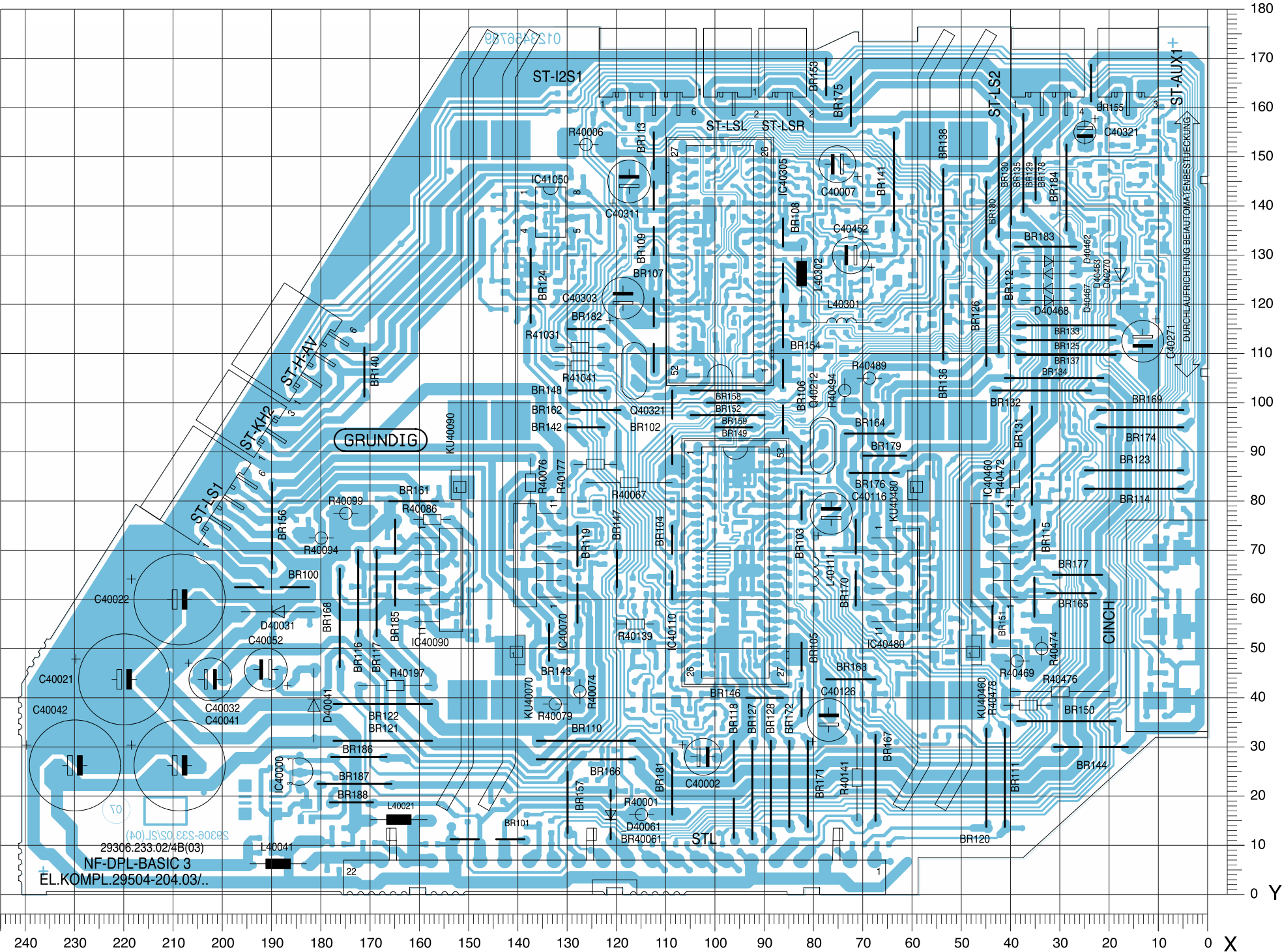




Spannungstabelle Table of Voltages	
+1	+12V
+2	+5V
+3	+3.3V +5V LFR
+4	+5V
+4A	+5V
+5	+5V
+7	+12V
+B	+12V
+B1	+12V
+C	+200V
+D	+29V
+E	+8.5V
+F	+5V
+F/1	+5V
+F/2	+5V
+F/3	+5V
+G	+17.5V +13V CUC 1931 STATUS
+G/1	+17.5V +13V CUC 1931 STATUS
+G/2	+16.5V +12V CUC 1931 STATUS
-G	-17.5V -13V CUC 1931 STATUS
-G/1	-17.5V -13V CUC 1931 STATUS
-G/2	-16.5V -12V CUC 1931 STATUS
+H	+5V
+K	+13V
+K	-13V
+M	+18.5V
+N	+5V LFR +3.3V
+Q	+8.5V
+Q/1	+8.5V
+Q/2	+6.3V
+Q/3	+8.5V
+Q/11	+6.3V
+OEKO	+9.5V - +14V

Bei den in den Schaltplänen angegebenen Messwerten handelt es sich um Näherungswerte!
The measured values given in the circuit diagrams are approximates!

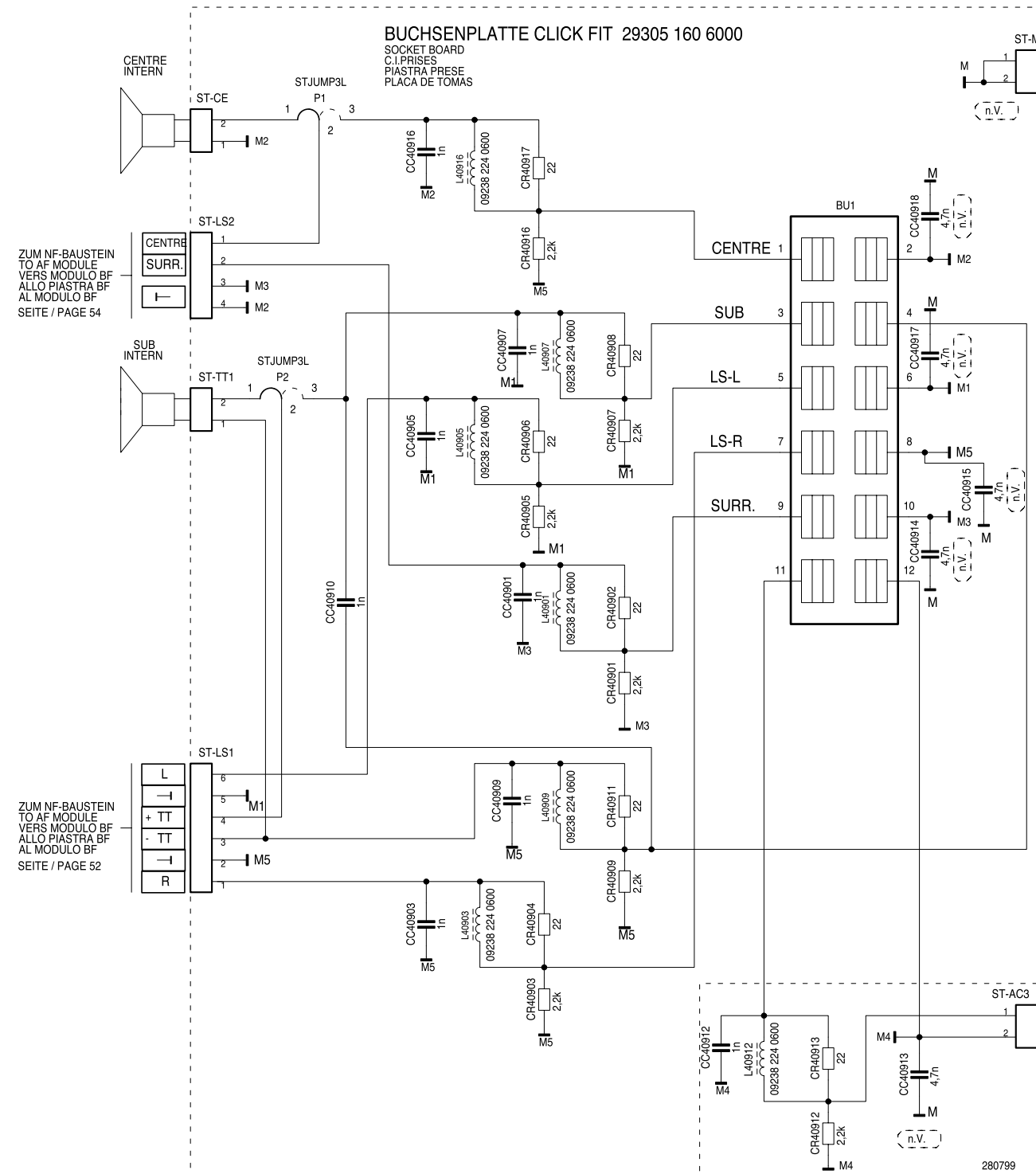
Bestückungsseite, Ansicht von oben
Component Side, Top View



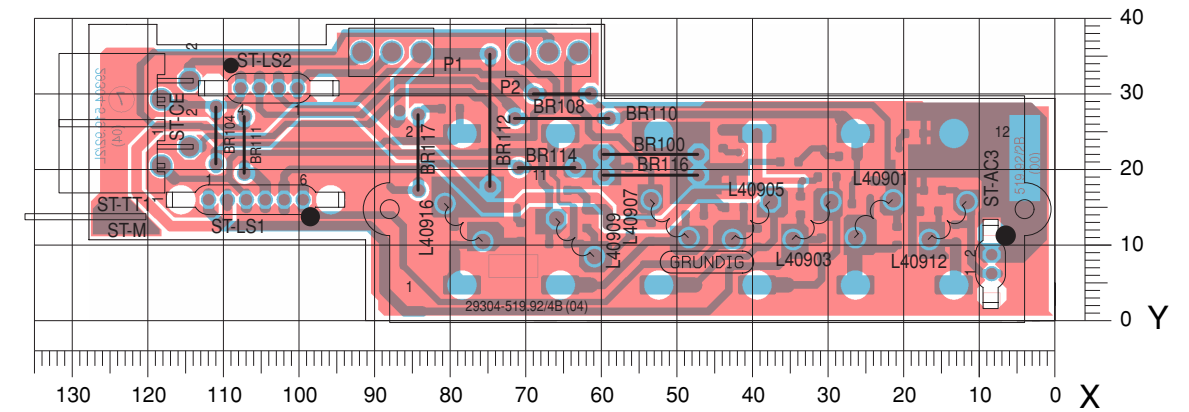
Koordinaten für die Bauteile der Bestückungsseite (Oberseite)
Coordinates of the Components on the Components Side (Top Side)

Pos.-Nr./ Pos. No.	Koordinaten/ Coordinates		Pos.-Nr./ Pos. No.	Koordinaten/ Coordinates		Pos.-Nr./ Pos. No.	Koordinaten/ Coordinates	
	X	Y		X	Y		X	Y
BR100	190	63	BR157	130	19	D40468	32	121
BR101	146	11	BR158	98	102	IC40000	184	25
BR102	109	95	BR159	98	98	IC40070	136	69
BR103	83	84	BR161	161	80	IC40090	156	64
BR104	109	68	BR162	124	98	IC40110	96	68
BR105	83	44	BR163	73	44	IC40305	99	129
BR106	86	101	BR164	69	94	IC40460	43	69
BR107	113	114	BR165	28	61	IC40480	63	64
BR108	86	130	BR166	126	28	IC41050	133	139
BR109	113	138	BR167	68	24	KU40070	140	49
BR110	126	31	BR168	176	56	KU40090	152	83
BR111	41	24	BR169	14	98	KU40460	48	49
BR112	43	120	BR170	72	68	KU40480	59	83
BR113	113	151	BR171	81	23	L40021	164	15
BR114	15	83	BR172	85	23	L40041	189	6
BR115	35	66	BR174	14	95	L40111	80	66
BR116	173	61	BR175	73	161	L40301	74	116
BR117	169	61	BR176	68	86	L40302	83	126
BR118	96	21	BR177	27	65	Q40212	78	91
BR119	128	65	BR178	35	146	Q40321	117	107
BR120	45	24	BR179	66	89	R40001	115	16
BR121	167	31	BR180	45	138	R40006	126	152
BR122	167	39	BR181	109	23	R40067	117	84
BR123	15	86	BR182	126	115	R40074	127	41
BR124	138	124	BR183	33	132	R40076	138	84
BR125	29	113	BR184	29	144	R40079	133	39
BR126	45	117	BR185	165	68	R40086	158	76
BR127	93	21	BR186	172	28	R40094	180	73
BR128	89	21	BR187	173	23	R40099	175	76
BR129	38	149	BR188	174	19	R40139	116	55
BR130	43	144	BR40061	121	16	R40141	71	24
BR131	36	89	C40002	103	28	R40177	124	88
BR132	34	102	C40007	75	149	R40197	165	43
BR133	29	116	C40021	221	44	R40469	39	48
BR134	31	105	C40022	209	60	R40472	39	84
BR135	40	146	C40032	203	44	R40474	34	50
BR136	54	119	C40041	209	26	R40476	30	41
BR137	29	110	C40042	231	26	R40478	37	38
BR138	54	139	C40052	191	46	R40489	69	105
BR140	171	106	C40116	77	77	R40494	74	102
BR141	64	145	C40126	77	35	R41031	127	111
BR142	126	95	C40271	13	113	R41041	127	108
BR143	134	51	C40303	119	121	STAX01	16	167
BR144	24	30	C40311	117	145	STHAV	185	111
BR146	90	40	C40321	25	155	STI2S1	114	167
BR147	120	66	C40452	72	130	STKH02	195	97
BR148	126	102	CINCH	4	55	STLS01	204	82
BR149	96	95	D40031	189	58	STLS02	33	167
BR150	29	35	D40041	182	38	STLSL	98	167
BR151	44	55	D40270	18	126	STLSR	86	167
BR152	98	100	D40462	32	129	STL	120	2
BR153	78	166	D40463	32	126	_D40061	121	16
BR154	86	116	D40467	32	123			
BR155	24	165						
BR156	190	75						

Buchsenplatte Click Fit / Socket Board Click Fit



Bestückungsseite, Ansicht von oben
Component Side, Top View



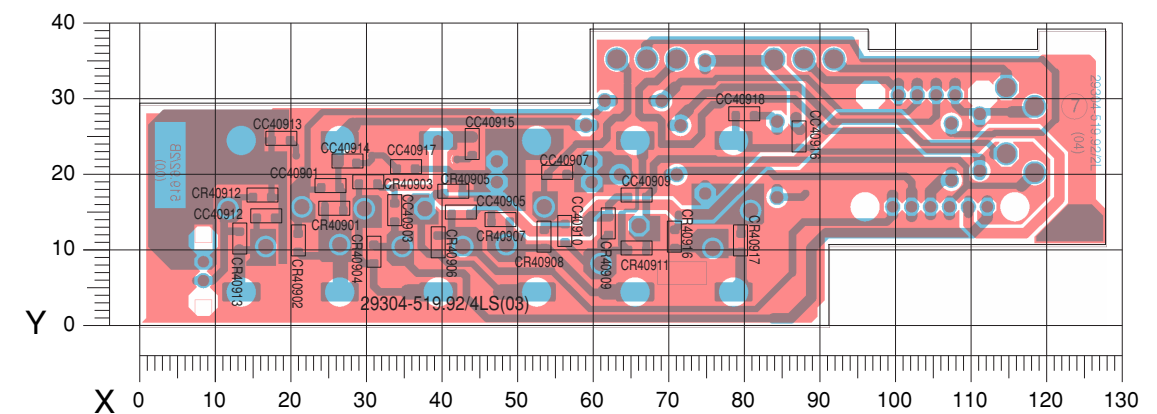
Koordinaten für die Bauteile der Bestückungsseite (Oberseite)
Coordinates of the Components on the Components Side (Top Side)

Pos.-Nr./ Pos. No.	Koordinaten/ Coordinates	
	X	Y
BR100	53	22
BR104	111	25
BR108	65	30
BR110	65	27
BR111	107	23
BR112	75	27
BR113	65	16
BR114	67	20
BR115	80	8
BR116	53	19

Pos.-Nr./ Pos. No.	Koordinaten/ Coordinates	
	X	Y
BR117	84	22
L40901	24	14
L40903	32	13
L40905	40	13
L40907	51	14
L40909	63	11
L40912	14	13
L40916	78	13

Pos.-Nr./ Pos. No.	Koordinaten/ Coordinates	
	X	Y
P01	88	35
P02	67	35
STAC03	9	8
STCE	123	30
STLS01	106	16
STLS02	104	31
STTT01	123	22

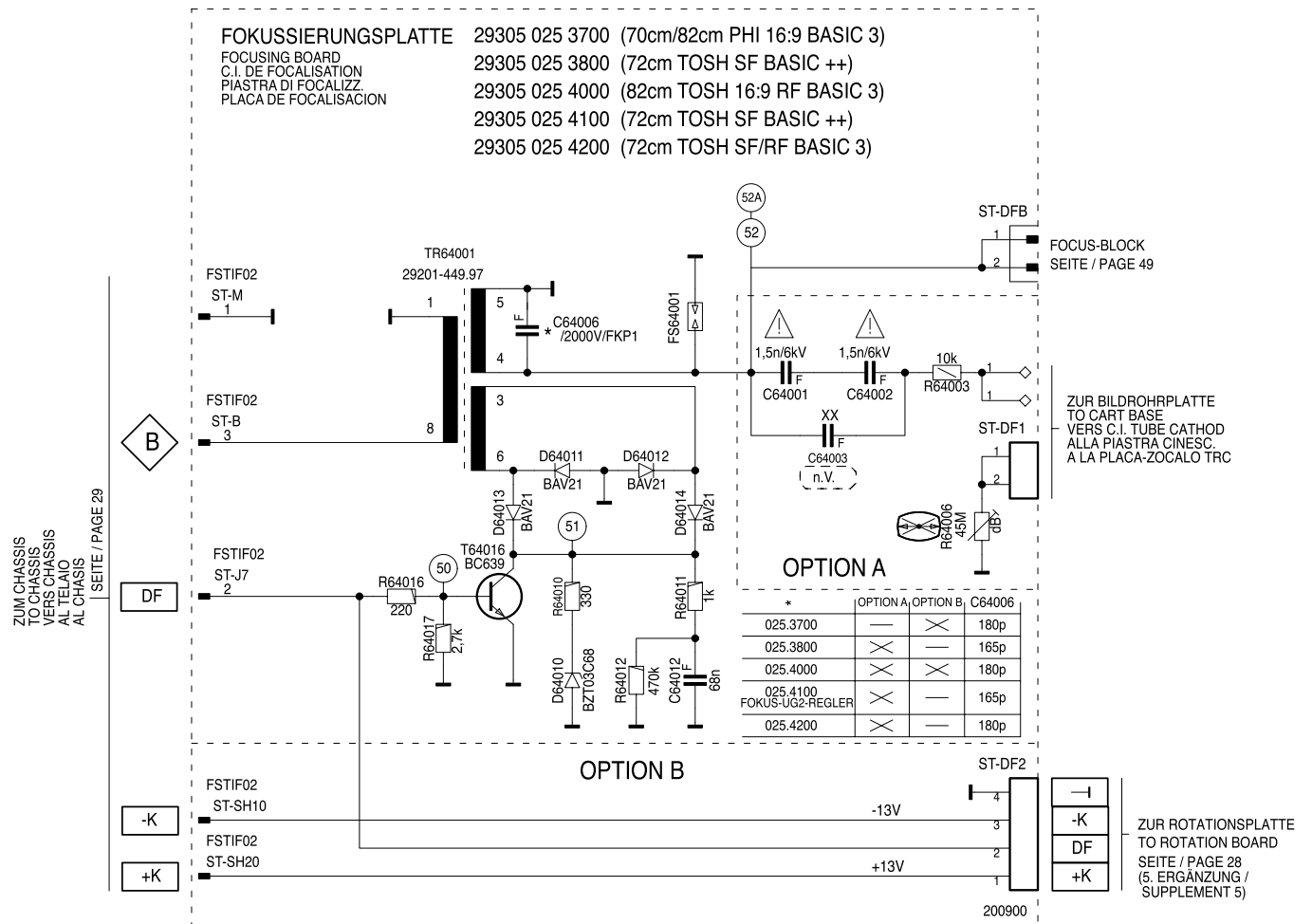
Lötseite, Ansicht von unten
Solder Side, Bottom View



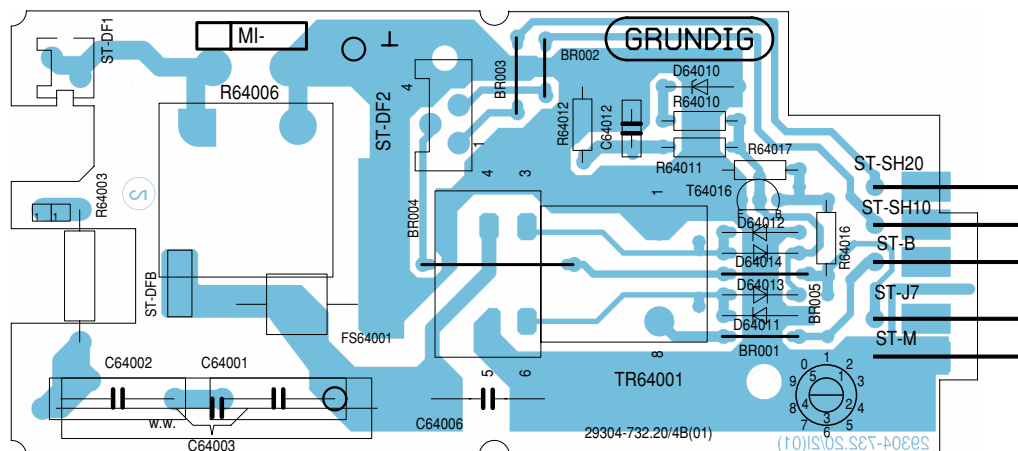
Koordinaten für die Bauteile der Lötseite (Unterseite)
Coordinates of the Components on the Solder Side (Bottom Side)

Pos.-Nr./ Pos. No.	Koordinaten/ Coordinates		Pos.-Nr./ Pos. No.	Koordinaten/ Coordinates	
	X	Y		X	Y
CC40901	25	19	CR40905	42	15
CC40903	30	19			
CC40905	42	18	CR40906	40	11
CC40907	57	12	CR40907	48	14
CC40909	65	17	CR40908	53	12
			CR40909	62	14
CC40912	12	19	CR40911	66	10
CC40916	87	25			
			CR40912	16	16
CR40901	26	16	CR40913	13	11
CR40902	21	11	CR40916	80	28
CR40903	34	15	CR40917	80	11
CR40904	31	10			

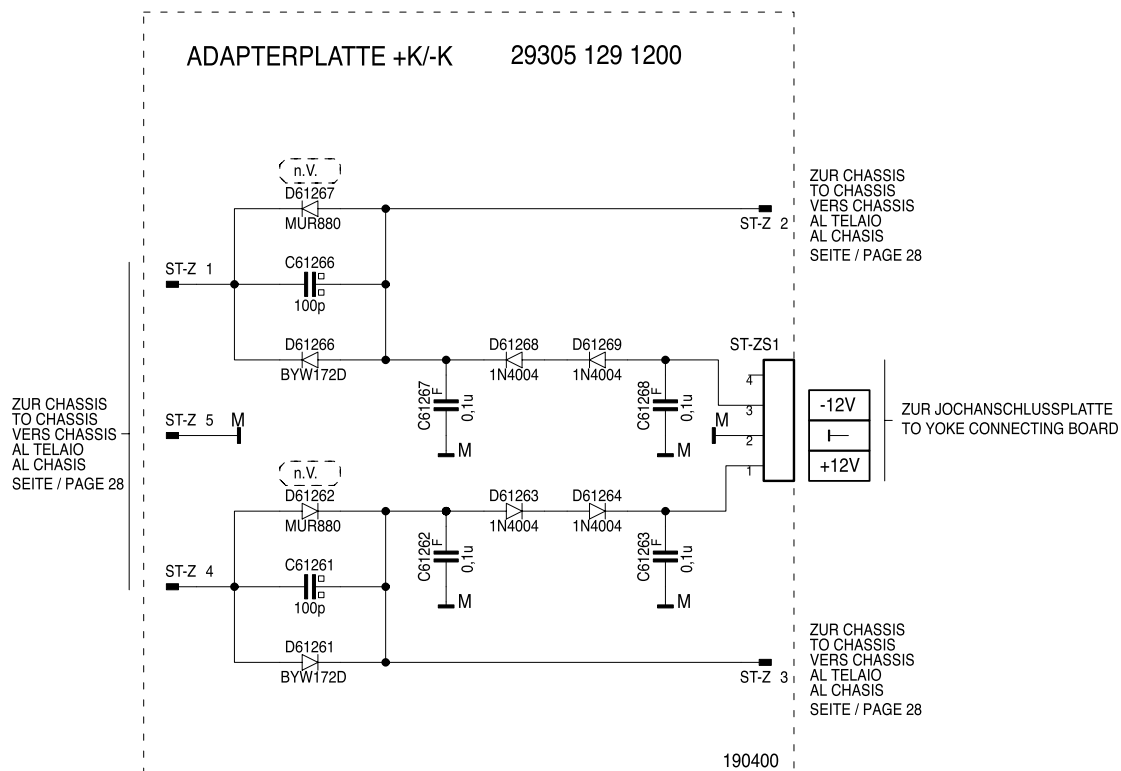
Fokussierungsplatte / Focusing Board 293050253700



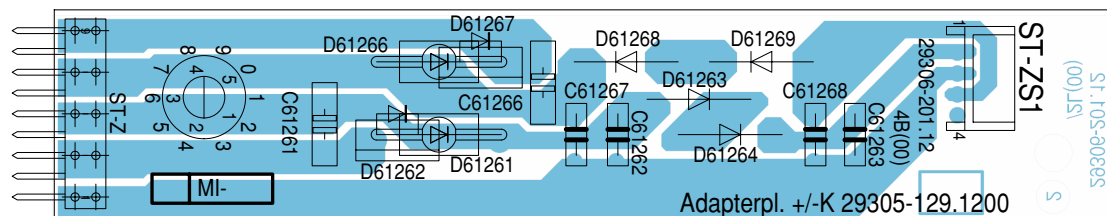
Bestückungsseite, Ansicht von oben
Component Side, Top View



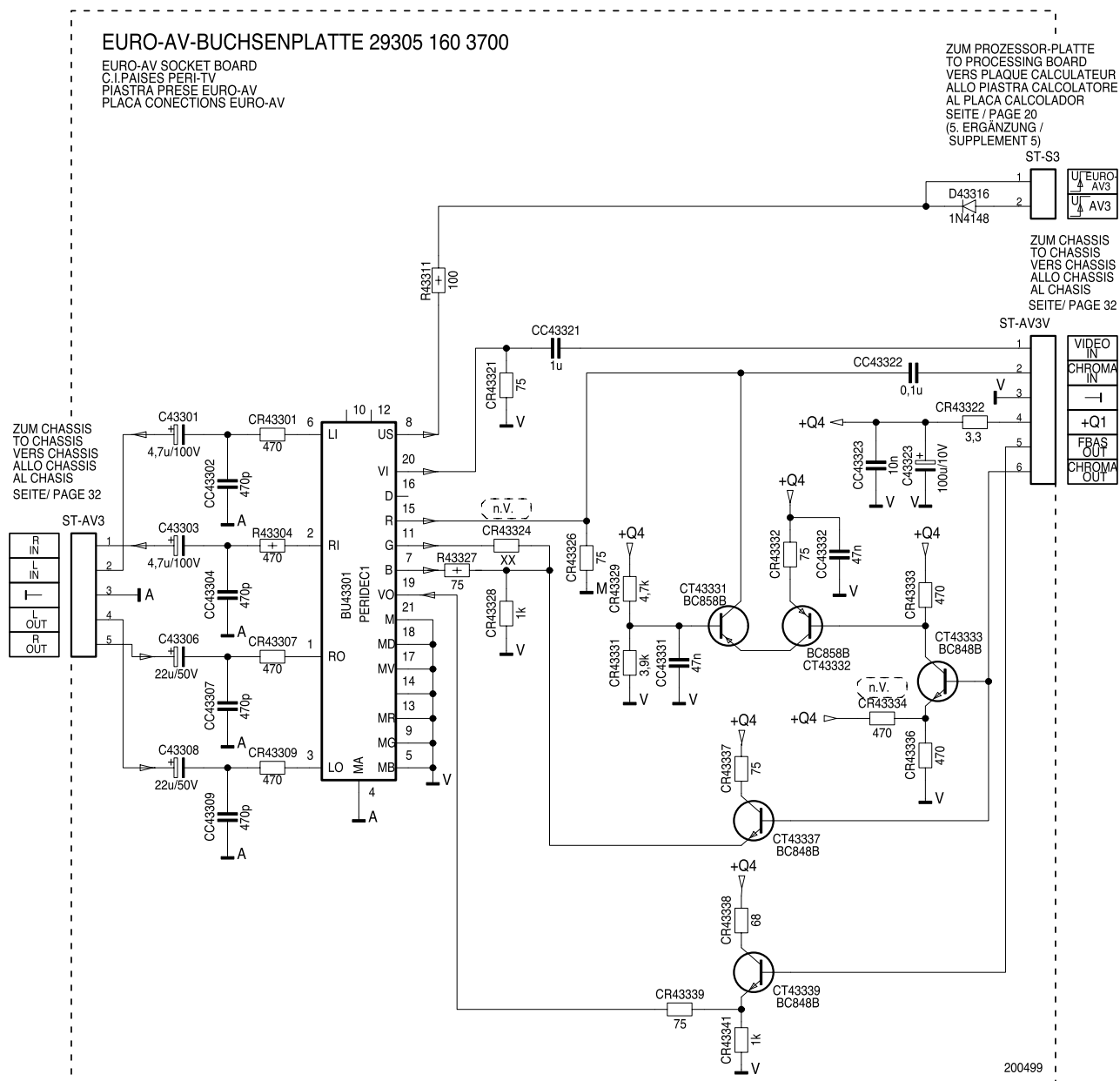
Adapterplatte / Adapter Board



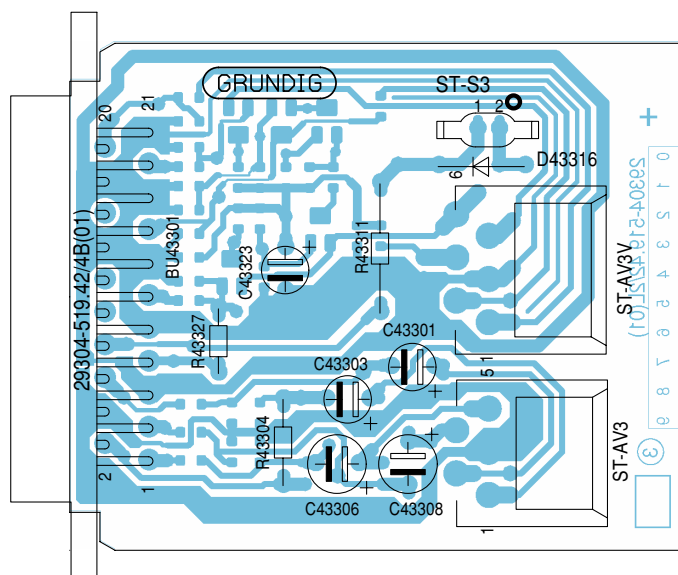
Bestückungsseite, Ansicht von oben
Component Side, Top View



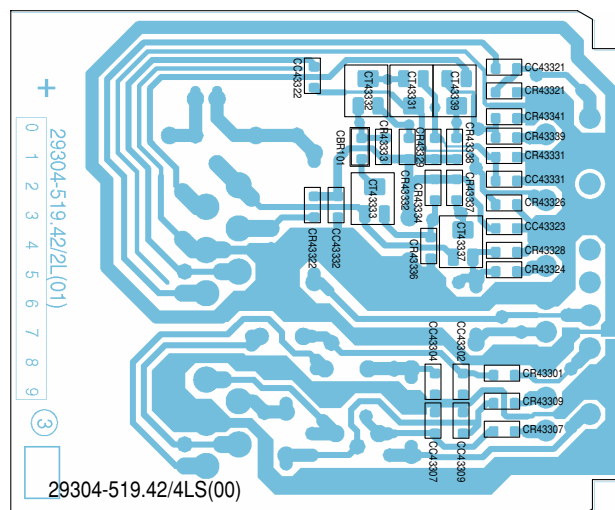
EURO-AV-Buchsenplatte / EURO-AV Socket Board



Bestückungsseite, Ansicht von oben
 Component Side, Top View



Lötseite, Ansicht von unten
 Solder Side, Bottom View



DVD-STEUERPLATTE 29305 129 1700

The schematic diagram illustrates the internal components and connections of the DVD control board. Key components include the main IC (CIC81010 PCF8574), various capacitors (CC81010, CR81020, CR81008, CR81009, CR81018, CR81019), resistors (RL60002, RL60000), and a relay (E2RE016). The diagram shows connections to the DVD player (ST-DVD) and the mains switch board (ST-NETZ2). A warning box states: "NICHT NETZGETRENNTES SCHALTUNGSTEIL" (Circuit not mains isolated).

ST-DVD

ST-NETZ2

W2tr101

E2RE016

RL60002

RL60000

CC81010

CR81020

CR81008

CR81009

CR81018

CR81019

CIC81010 PCF8574

CD81503 1N4148

CT81009 BSP50

INT

SCL

SDA

A0

A1

A2

P0

P1

P2

P3

P4

P5

P6

P7

ST-MDA

KN

ST-Netz

BR60000

Si60000 T2,5A

W2tr101

E2RE016

RL60002

RL60000

CC81010

CR81020

CR81008

CR81009

CR81018

CR81019

CIC81010 PCF8574

CD81503 1N4148

CT81009 BSP50

INT

SCL

SDA

A0

A1

A2

P0

P1

P2

P3

P4

P5

P6

P7

ST-MDA

KN

ST-Netz

BR60000

Si60000 T2,5A

W2tr101

E2RE016

RL60002

RL60000

CC81010

CR81020

CR81008

CR81009

CR81018

CR81019

CIC81010 PCF8574

CD81503 1N4148

CT81009 BSP50

INT

SCL

SDA

A0

A1

A2

P0

P1

P2

P3

P4

P5

P6

P7

ST-MDA

KN

ST-Netz

BR60000

Si60000 T2,5A

W2tr101

E2RE016

RL60002

RL60000

CC81010

CR81020

CR81008

CR81009

CR81018

CR81019

CIC81010 PCF8574

CD81503 1N4148

CT81009 BSP50

INT

SCL

SDA

A0

A1

A2

P0

P1

P2

P3

P4

P5

P6

P7

ST-MDA

KN

ST-Netz

BR60000

Si60000 T2,5A

W2tr101

E2RE016

RL60002

RL60000

CC81010

CR81020

CR81008

CR81009

CR81018

CR81019

CIC81010 PCF8574

CD81503 1N4148

CT81009 BSP50

INT

SCL

SDA

A0

A1

A2

P0

P1

P2

P3

P4

P5

P6

P7

ST-MDA

KN

ST-Netz

BR60000

Si60000 T2,5A

W2tr101

E2RE016

RL60002

RL60000

CC81010

CR81020

CR81008

CR81009

CR81018

CR81019

CIC81010 PCF8574

CD81503 1N4148

CT81009 BSP50

INT

SCL

SDA

A0

A1

A2

P0

P1

P2

P3

P4

P5

P6

P7

ST-MDA

KN

ST-Netz

BR60000

Si60000 T2,5A

W2tr101

E2RE016

RL60002

RL60000

CC81010

CR81020

CR81008

CR81009

CR81018

CR81019

CIC81010 PCF8574

CD81503 1N4148

CT81009 BSP50

INT

SCL

SDA

A0

A1

A2

P0

P1

P2

P3

P4

P5

P6

P7

ST-MDA

KN

ST-Netz

BR60000

Si60000 T2,5A

W2tr101

E2RE016

RL60002

RL60000

CC81010

CR81020

CR81008

CR81009

CR81018

CR81019

CIC81010 PCF8574

CD81503 1N4148

CT81009 BSP50

INT

SCL

SDA

A0

A1

A2

P0

P1

P2

P3

P4

P5

P6

P7

ST-MDA

KN

ST-Netz

BR60000

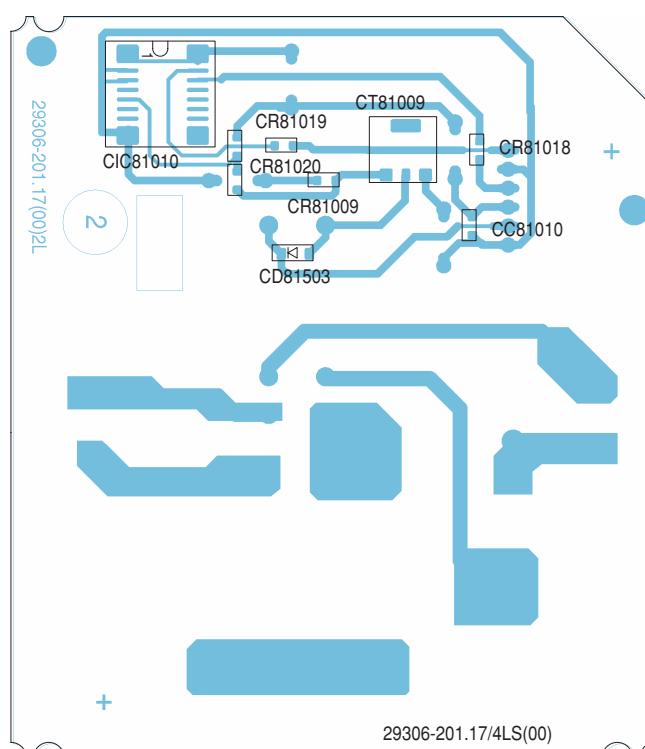
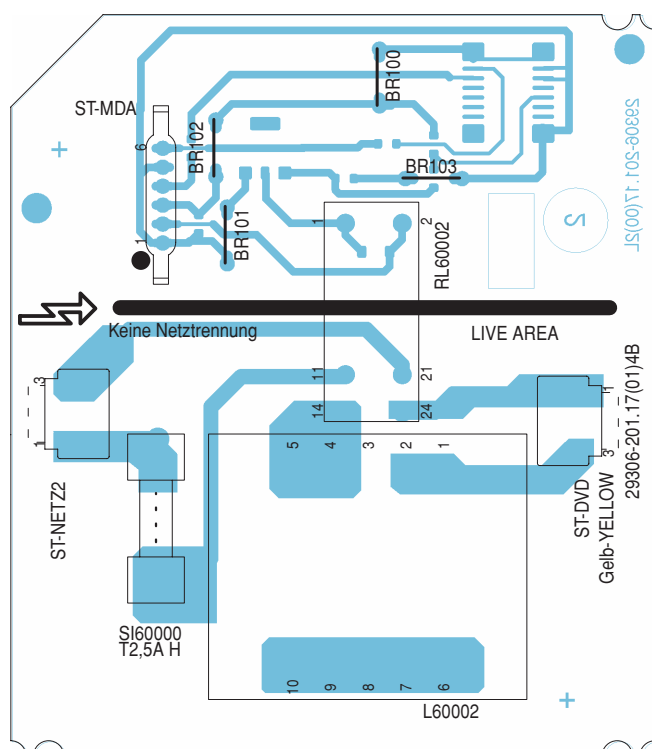
Si60000 T2,5A

W2tr101

E2RE016

RL

Lötseite, Ansicht von unten
Solder Side, Bottom View



Ersatzteilliste Spare Parts List

3 / 2001

ARGANTO 82 FLAT MFW 82-530/9 DVD

ERSETZT AUSGABE 12/2000 MATERIAL-NR. / PART NO.: 921963029200 BESTELL-NR. / ORDER NO.: GCL8740 TITANE
SUBSTITUTE EDITION 12/2000 VERSION NR./VERSION NO.: VNM

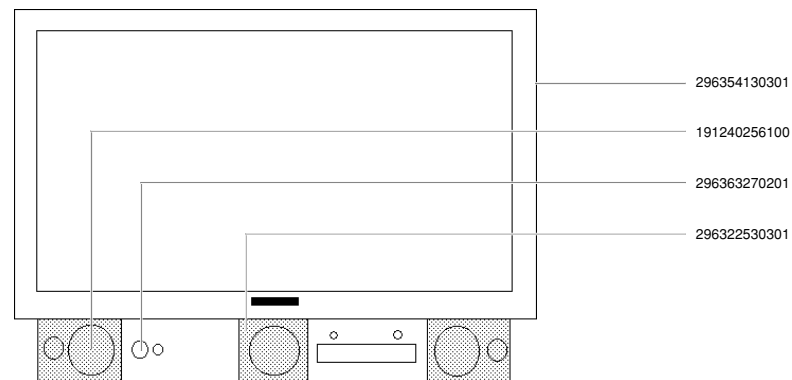
POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		921963029200		ARGANTO 82 MFW 82-530/9 DVD TITANE KEIN E-TEIL	ARGANTO 82 MFW 82-530/9 DVD TITANE NO SPARE PART
0200.000		296354130301		GEH-VORDERTEIL DRUCK KPL	CABINET FRONT PART PRINT CPL
0201.000		191240256100		LAUTSPRECHER	LOUDSPEAKER
0204.000		296322530301		GITTER KPL LAUTSPRECHER	GRID CPL LOUDSPEAKER
0208.000		297006282301		ABDECKUNG BASIC 3	COVER BASIC 3
0210.000		296383290103		RAHMEN-OBERTEIL	FRAME UPPER PART
0215.000		296383300103	2	RAHMEN-SEITENTEIL	FRAME SIDE PART
0217.000		296088640102	5	SOCKELEINLAGE	BASE INSERT
0218.000		296363270201		TASTENKNOPF NETZSCHALTER	KEY POWER MAINS SWITCH
0225.000		296366530201		KLAPPE DRUCK KPL. BEDIENEINSATZ	FLAP PRINT CPL CONTROL INSERT
0226.000		293033751001		SCHENKELFEDER KLASPE	LEG SPRING FLAP
0227.000		270332210100		DRUCKSCHNAPPER KLASPE	PRESSURE CATCH FLAP
0228.000		296380231301		DAEMPFBLOCK KLASPE	DAMPING BLOCK FLAP
0230.000		296363260102		IR-FENSTER KLASPE	IR WINDOW FLAP
0231.000		296381710102		FOLIE ISOLIERUNG BRANDSCHUTZ	FOIL INSULATION FIRE PROTECTION
0247.000		293031223101		EURO-AV-STECKER M.KABEL	EURO-AV PLUG W.CABLE
0300.000		296363191201		GEH-RUECKTEIL KPL OFB	CABINET REAR PART CPL SURF. TREATED
0310.000		296383530301	2	BOX KPL	BOX CPL
0310.000		296352480103	2	BOX KPL	BOX CPL
0317.000		296364568701	4	ABDECKUNG RUECKWAND	COVER REAR PANEL
0320.000		291103020502		TYPENAUFKLEBER VNM	TYPE LABEL SELF ADHESIVE VNM
0350.000		296363200103	2	ZWISCHENSTUECK	INTERMEDIATE
				RUECKWANDBEFESTIGUNG	PIECE REAR PANEL FIXING
0700.000	△	092461547502		ENTMAGNETISIERUNGS/ ROTATIONSSPULEN SET	DEGAUSSING/ ROTATING COIL SET
0740.000		296073090101	2	SPULENHALTER	HOLDER COIL
0750.000		812612529600	4	EINSATZBUCHSE BILDROHR	INSERT SOCKET PICTURE TUBE
0900.000	△	292014770100		FOKUS U.UG2-REGLER	FOCUS AND UG2-ADJUSTMENT CONTROL
0910.000	△	292014760202		FOKUSLEITUNG M.TUELLE	FOCUSING CABLE WITH GROMMET
0910.000	△	292014760102	2	FOKUSLEITUNG M.TUELLE	FOCUSING CABLE WITH GROMMET
		296322560101	X	DVD-EINHEIT KPL. KEIN E-TEIL	DVD UNIT CPL NO SPARE PART
		296383951201	X	DVD-MODUL KPL. KEIN E-TEIL	DVD MODUL CPL NO SPARE PART
		293051291700		STEUER PLATTE DVD BASIC 3 KEIN E-TEIL	CONTROL BOARD DVD BASIC 3 NO SPARE PART
0913.000	△	096211130206		SICHERUNGSHALTER SI60000	FUSE HOLDER SI60000
		295010838000		KEYBOARD KEIN E-TEIL	KEYBOARD NO SPARE PART
0923.000		293035220600		S-VHS-BUCHSE O.SCHALTER	S-VHS-SOCKET W/O SWITCH
0924.000		293031685800		CINCH-BUCHSE 3-FACH FBAS/NF L,R	CINCH SOCKET 3 FOLD FBAS/AF L,R
0925.000		293033904200		KOPFHOERERBUCHSE 3,5mm O.SCHALTER	HEADPHONE SOCKET 3,5mm W/O SWITCH
0926.000		295017170100		LICHTLEITER	LIGHT GUIDE
		293051606000		BUCHSENPLATTE KEIN E-TEIL	SOCKET BOARD NO SPARE PART

ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

GRUNDIG

TV

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
0931.000		293033951101		FEDERKLEMME 12-FACH	PUSH TERMINAL 12 FOLD
0932.000		293032750401	2	KONTAKTFEDER	CONTACT SPRING
		293051603700		BAUSTEIN EURO-AV KEIN E-TEIL	MODULE EURO-AV NO SPARE PART
0941.000		293031197100		EURO-AV BUCHSENLEISTE 21-POL BL	EURO-AV SOCKET STRIP 21 PIN BLUE
1100.000	△	830007603100		BILDROHR W 76 ERF231X044 PHILIPS	PICTURE TUBE W 76 ERF231X044 PHILIPS
1200.000	△	292013601106		ANODENKAPPE M.HOCHSPANNUNGSKABEL	ANODE CAP W.HIGH VOLTAGE CABLE
1300.000		296366550201		BEDIENUNGSEINSATZ DRUCK KPL	CONTROL INSERT PRINT CPL
1311.000		297033571100		TASTSCHALTER PROGRAMM +	KEY SWITCH PROGRAMME +
1312.000		297033571100		TASTSCHALTER PROGRAMM -	KEY SWITCH PROGRAMME -
1313.000		297033571100		TASTSCHALTER LAUTSTAERKE +	KEY SWITCH VOLUME +
1314.000		297033571100		TASTSCHALTER LAUTSTAERKE -	KEY SWITCH VOLUME -
1382.000		296366480101		IR-FENSTER	IR WINDOW
1800.000	△	295010870500		NETZSCHALTERPLATTE	POWER SWITCH BOARD
1860.000	△	297032917105		NETZSCHALTER ECO O.WISCHER	POWER SWITCH ECO W/O WIPER
1870.000		296363280203		TASTENSATZ PROGRAMM/LAUTSTAERKE	KEY SET PROGRAMME/VOLUME
1890.000	△	096211130206	2	SICHERUNGSHALTER SI62001	FUSE HOLDER SI62001
2100.000	△	829099131600		NETZKABEL KPL MIT ENTSTOERDROSSEL	POWER CABLE CPL W.INTERFERENCE CHOKE
2300.000	△	293051222900	X	BILDROHRPLATTE	PICTURE TUBE BOARD
2400.000		296420610600		TP 120 DC FERNBEDIENUNG	TP 120 DC REMOTE CONTROL
2410.000		720086731000		DECKEL BATTERIE	BATTERY LID
		219639410200		BEDIENUNGSANLEITUNG D	OPERATING INSTRUCTIONS D
		219639410300		BEDIENUNGSANLEITUNG F/I	OPERATING INSTRUCTIONS F/I
		219639410400		BEDIENUNGSANLEITUNG GB/NL	OPERATING INSTRUCTIONS GB/NL
		219639410500		BEDIENUNGSANLEITUNG E/P	OPERATING INSTRUCTIONS E/P
		219639410600		BEDIENUNGSANLEITUNG DK/FIN	OPERATING INSTRUCTIONS DK/FIN
		219639410700		BEDIENUNGSANLEITUNG S/N	OPERATING INSTRUCTIONS S/N
		291202370101		BEDIENUNGSANLEITUNG TV-GUIDE	OPERATING INSTRUCTIONS TV-GUIDE
		720100249000		SERVICE MANUAL D/GB	SERVICE MANUAL D/GB
		720100249900		SERVICE MANUAL D/GB 9.ERGAENZUNG	SERVICE MANUAL D/GB 9TH SUPPLEMENT
		296560043301		MONTAGEZUBEHOER F.BILDROHR KEIN E-TEIL	MOUNTING ACCESSORIES F.PICT. TUBE NO SPARE PART
		297040073100	X	CHASSIS-FS-STEREO BASIC 3 CUC 1931 KEIN E-TEIL	CHASSIS TV STEREO BASIC 3 CUC 1931 NO SPARE PART
				X = SIEHE GESONDERTE E-LISTE	X = SEE SEPARATE PARTS LIST



ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION
	295010870500	NETZSCHALTERPLATTE POWER SWITCH BOARD
C 22001 	856373242500	FOKO KF #25 0,1UF 20% 250V
C 62001 	851179304700	FOKO MP3 0,47UF20%250V
C 62002 	851179304700	FOKO MP3 0,47UF20%250V
D 81501	830921504500	DIODE 1N4148
GD 22003 	831001000800	TRIAC BTB08-600CW
L 62001 	295008359700	ENTSTOER-DR 2X22MH INTERFERENCE CHOKE
OK 22005 	830600024200	OPTOKOPLER IL4216-X001 OPTO COUPLER
R 22001 	831120001200	PTC #3 DUO
R 62001	876504914500	MSW SI 0414 1 MOHM 5% VDE
R 62002 	831100501700	NTC 4,7 OHM 30%
SI 62001 	831562250300	SI 5X20 T3,15A H 250V
T 81001	830320287500	TRANS 2SD1866TV2
T 81002	830320554800	TRANS BC548B/BC547B
	293051291700	STEUER PLATTE DVD BASIC 3 CONTROL BOARD DVD BASIC 3
CD 81503	833050414800	MELF DIODE MCL4148
CIC 81010	830581857400	SMD IC PCF 8574T
CT 81009	830119005000	SMD TRANS BSP50
RL60002 	295007220100	RELAIS RT 444012
L 60002 	292017049701	DROSSEL PFC B82991-S2601
SI 60000 	831562150300	SI 5X20 T2,5A
	293051603700	BAUSTEIN EURO-AV MODULE EURO-AV
CT 43331	830100385800	SMD TRANS BC858B/BC857B
CT 43332	830100385800	SMD TRANS BC858B/BC857B
CT 43333	830100484800	SMD TRANS BC848B/BC847B
CT 43337	830100484800	SMD TRANS BC848B/BC847B
CT 43339	830100484800	SMD TRANS BC848B/BC847B
D 43316	830921504500	DIODE 1N4148
R 43327	870001124600	KSW 0204 75 OHM 5%
T 44011	830320554800	TRANS BC548B/BC547B
	295010838000	KEYBOARD
C 84002	866820302300	ABBLOCK-C 0,1 UF 25V
D 85001	830997837100	LE-DIODE LUB371GK
IC 84001	830536753000	IC TFMS5300 STEHEND/TSOP

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

POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION
	293051606000	BUCHSENPLATTE SOCKET BOARD
L 40901	092382240600	HF-DROSSEL
L 40903	092382240600	HF-DROSSEL
L 40905	092382240600	HF-DROSSEL
L 40907	092382240600	HF-DROSSEL
L 40909	092382240600	HF-DROSSEL
L 40916	092382240600	HF-DROSSEL

Ersatzteilliste Spare Parts List

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POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG 	DESCRIPTION 
		297040073100		CHASSIS-FS-STEREO CUC 1931 KEIN E-TEIL	CHASSIS TV STEREO CUC 1931 NO SPARE PART
0100.000		295042620300	X	BAUSTEIN SIGNAL/ZF+TUNER	MODULE SIGNAL/IF+TUNER
0247.000		293031196600		EURO-AV BUCHSENLEISTE 21-POL SW	EURO-AV SOCKET STRIP 21 PIN BLACK
0247.000		293031196800		EURO-AV BUCHSENLEISTE 21-POL OR	EURO-AV SOCKET STRIP 21 PIN ORANGE
0300.000		295042031800	X	BAUSTEIN PROZESSOR MEGATEXT	MODULE PROCESSOR MEGATEXT
0400.000		295042091300	X	FEATURE-BOX BASIC 3	FEATURE BOX BASIC 3
0400.000		293040508500		NETZTEIL STAND BY	POWER SUPPLY STAND BY
0450.000		297006321401		HALTER BAUSTEIN	HOLDER MODULE
0450.000		297006131104		NETZTEILAUFNAHME	HOLDER POWER SUPPLY
0500.000		295042041400	X	BAUSTEIN NF-VERSTAERKER/5-KANAL EQUALIZER	MODULE AF AMPLIFIER 5-CHANNEL/ EQUALIZER
		293051291200		ADAPTERPLATTE KEIN E-TEIL	ADAPTER BOARD NO SPARE PART
		293050253700		DYNAMISCHE FOKUSSIERUNGSPLATTE KEIN E-TEIL	DYNAMIC FOCUSING BOARD NO SPARE PART
		293051291800		ROTATIONSPLATTE KEIN E-TEIL	ROTATION BOARD NO SPARE PART
2400.000		293031530107	2	MONTAGECLIP T53001/60006	MOUNTING CLIP T53001/60006
2430.000		293031531208	14	MONTAGECLIP D53071/53072/60006/ 61014/61016/D61021/61026/61036/IC60001/ 60006/IC61030/61040/T50028/50029	MOUNTING CLIP D53071/53072/60006/ 61014/61016/D61021/61026/61036/IC60001/ 60006/IC61030/61040/T50028/50029
2440.000		293031531605		MONTAGECLIP T52003	MOUNTING CLIP T52003
2455.000		293031561600		ISOLIERUNG D60019	ISOLATION D60019
2460.000		293031561700		ISOLIERUNG D60021	ISOLATION D60021
2465.000		293031561800	2	FOLIE WAERMELEITEND T60006/D60006	FOIL HEAT CONDUCTING T60006/D60006
2470.000		293031562000	10	FOLIE WAERMELEITEND IC50010/61001/ 61006/61030/61040/T50028/50029/ D61014/61026/61036	FOIL HEAT CONDUCTING IC50010/61001/ 61006/61030/61040/T50028/50029/ D61014/61026/61036
2480.000		293031562100	2	FOLIE WAERMELEITEND D53071/53072	FOIL HEAT CONDUCTING D53071/53072
2485.000		293031562301		FOLIE WAERMELEITEND T53001	FOIL HEAT CONDUCTING T53001
2490.000		293031562800	2	FOLIE WAERMELEITEND D60019/60021	FOIL HEAT CONDUCTING D60019/60021

X = SIEHE GESONDERTE E-LISTE

X = SEE SEPARATE PARTS LIST

POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION	POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION
C 50012	845299614700	ELKO 1000UF 20% 25V	C 60023	865008112500	KERKO HV C 1000PF 20% 1KV
C 50026	845299614700	ELKO 1000UF 20% 25V	C 60024	865008112500	KERKO HV C 1000PF 20% 1KV
C 53012	851591160200	FOKO FKP1 142PF 2,5% 2000V	C 60026	865008112500	KERKO HV C 1000PF 20% 1KV
C 53071	851591171900	FOKO FKP1 0,012UF 3,5% 2000V	C 60027	865008112500	KERKO HV C 1000PF 20% 1KV
C 54021	865006704600	KERKO HV C 100PF 20% 1KV	C 60029 	851179301800	MP3 0,1UF 20% 250V
C 60001	865008112500	KERKO HV C 1000PF 20% 1KV	C 61004	845299614700	ELKO 1000UF 20% 25V
C 60006	865006704600	KERKO HV C 100PF 20% 1KV	C 61014	865006704600	KERKO HV C 100PF 20% 1KV
C 60009	851591103800	FOKO FKP1 100PF 10% 1600V	C 61015	845209705500	ELKO #16 600/680UF 63V
C 60012	865008111100	KERKO HV C 270PF 20% 2KV	C 61016	851591103800	FOKO FKP1 100PF 10% 1600V
C 60018	851591140300	FOKO FKP1 0,01UF 5% 1250V	C 61021	865006704600	KERKO HV C 100PF 20% 1KV

ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

GRUNDIG

TV

CHASSIS-FS-STEREO CUC 1931 CHASSIS-FS-STEREO CUC 1931

MATERIAL-NR. / PART NO.: 297040073100

POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION
C 61022	845209705500	ELKO #16 600/680UF 63V
C 61026	865006704600	KERKO HV C 100PF 20% 1KV
C 61032	845299614700	ELKO 1000UF 20% 25V
C 61036	865006704600	KERKO HV C 100PF 20% 1KV
C 61037	845209705700	ELKO 28 1000UF 63V
C 61042	845299610700	ELKO 2200UF 20% 16V
C 61064	845299615000	ELKO 2200UF 20% 25V
C 61261	865006704600	KERKO HV C 100PF 20% 1KV
C 61266	865006704600	KERKO HV C 100PF 20% 1KV
C 62021	△ 866009823800	KERKO SI 2200PF 20% 400V
C 62022	△ 866009823800	KERKO SI 2200PF 20% 400V
C 62048	△ 866009823400	KERKO SI 1000PF 20% 400V
C 64006	851591160800	FOKO FKP1 180PF 0+10% 2000V
C 70509	845299614700	ELKO 1000UF 20% 25V
CD 21221	830953414900	MELF-DIODE LL4148
CD 21222	830953414900	MELF-DIODE LL4148
CD 21231	830953414900	MELF-DIODE LL4148
CD 21232	830953414900	MELF-DIODE LL4148
CD 34513	830953414900	MELF-DIODE LL4148
CD 34517	830953414900	MELF-DIODE LL4148
CD 43026	830945503300	MELF-Z DIODE 3,3C 0,5W
CD 43541	830953414900	MELF-DIODE LL4148
CD 43542	830945502700	MELF-Z DIODE 2,7C 0,5W
CD 43651	830945506200	MELF-Z DIODE 6,2C 0,5W
CD 52003	830953414900	MELF-DIODE LL4148
CD 53019	830953414900	MELF-DIODE LL4148
CD 55003	830945504000	MELF-Z DIODE 3,9B 0,5W
CD 55004	830953414900	MELF-DIODE LL4148
CD 58001	830953414900	MELF-DIODE LL4148
CD 58004	830953414900	MELF-DIODE LL4148
CD 58007	830945502800	MELF Z-DIODE 2,7B 0,5W
CD 58011	830953414900	MELF-DIODE LL4148
CD 58012	830953414900	MELF-DIODE LL4148
CD 58021	830953414900	MELF-DIODE LL4148
CD 58022	830953414900	MELF-DIODE LL4148
CD 65506	830953414900	MELF-DIODE LL4148
CD 65519	830953414900	MELF-DIODE LL4148
CD 65528	830953414900	MELF-DIODE LL4148
CD 70501	830945505200	MELF-Z DIODE 5,1B 0,5W
CD 70506	830953414900	MELF-DIODE LL4148
CD 70507	830953414900	MELF-DIODE LL4148
CD 70517	830953414900	MELF-DIODE LL4148
CD 70521	830945505200	MELF-Z DIODE 5,1B 0,5W
CD 70522	830945503300	MELF-Z DIODE 3,3C 0,5W
CD 70523	830953414900	MELF-DIODE LL4148
CD 70553	830953414900	MELF-DIODE LL4148
CIC43550	830578705300	SMD IC 74HC4053
CIC43650	830578705300	SMD IC 74HC4053
CIC64315	830576035800	SMD IC LM358M
CIC64330	830581409400	SMD IC MC1409ABD
CL 64321	810498201200	SMD DAEMPF-PERLE SMD DAMPING BEAD
CT 21221	830100684800	SMD TRANS BC848C/BC847C
CT 21233	830100684800	SMD TRANS BC848C/BC847C
CT 32305	830100484800	SMD TRANS BC848B/BC847B
CT 32320	830100484800	SMD TRANS BC848B/BC847B
CT 43525	830100385800	SMD TRANS BC858B/BC857B
CT 43535	830100484800	SMD TRANS BC848B/BC847B
CT 43565	830100484800	SMD TRANS BC848B/BC847B
CT 43580	830100484800	SMD TRANS BC848B/BC847B
CT 43590	830100484800	SMD TRANS BC848B/BC847B
CT 58012	830100484800	SMD TRANS BC848B/BC847B
CT 61316	830100484800	SMD TRANS BC848B/BC847B
CT 64305	830100484800	SMD TRANS BC848B/BC847B
CT 64310	830100385800	SMD TRANS BC858B/BC857B
CT 64320	830100484800	SMD TRANS BC848B/BC847B

POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION
CT 64325	830100385800	SMD TRANS BC858B/BC857B
CT 64331	830100484800	SMD TRANS BC848B/BC847B
CT 64332	830100484800	SMD TRANS BC848B/BC847B
CT 64333	830100484800	SMD TRANS BC848B/BC847B
CT 64334	830100385800	SMD TRANS BC858B/BC857B
CT 65501	830153426900	SMD TRANS PMBT2369/MMBT2
CT 65503	830100484800	SMD TRANS BC848B/BC847B
CT 65504	830153426900	SMD TRANS PMBT2369/MMBT2
CT 65505	830100385800	SMD TRANS BC858B/BC857B
CT 65506	830100484800	SMD TRANS BC848B/BC847B
CT 65525	830100684800	SMD TRANS BC848C/BC847C
CT 65530	830100385800	SMD TRANS BC858B/BC857B
CT 70505	830100484800	SMD TRANS BC848B/BC847B
CT 70520	830100684800	SMD TRANS BC848C/BC847C
CT 70525	830100685800	SMD TRANS BC858C/BC857C
D 21212	830921502000	DIODE 1N4004
D 32315	830970713500	Z DIODE 33B 0,5W
D 50013	830951628300	DIODE BYV28-200
D 52006	830921502000	DIODE 1N4004
D 53008	830920100500	DIODE BA157
D 53019	830970900300	Z DIODE ZY51
D 53071	830920435900	DIODE BYV359 1500
D 53072	830920423000	DIODE BY229-600
D 54001	830920100500	DIODE BA157
D 54011	830920100500	DIODE BA157
D 54021	830951603800	DIODE BYV38
D 55012	830972033300	Z DIODE 33C 0,5W
D 60006	830982088000	DIODE MUR880
D 60012	830951675400	DIODE BYT53B
D 60019	830919780700	DIODE STTA806D
WW.	830919780600	DIODE STTA806D1
D 60021	830919780700	DIODE STTA806D
WW.	830919780600	DIODE STTA806D1
D 60023	830856052100	GLR B380C3700/2200
D 60216	830920002100	DIODE BAV21
D 60217	830920115900	DIODE BA159
D 60218	△ 830966318000	Z-DIODE BZT03D180
D 61001	830951675400	DIODE BYT53B
D 61014	830951710800	DIODE BYT108-400
D 61016	830951679800	DIODE BYT08 P-1000
D 61021	830951710800	DIODE BYT108-400
D 61026	830951710800	DIODE BYT108-400
D 61033	830920100500	DIODE BA157
D 61036	830951710800	DIODE BYT108-400
D 61262	△ 830951717200	DIODE BYW172D
D 61263	830921502000	DIODE 1N4004
D 61264	830921502000	DIODE 1N4004
D 61266	△ 830951717200	DIODE BYW172D
D 61268	830921502000	DIODE 1N4004
D 61269	830921502000	DIODE 1N4004
D 61603	830972013100	Z DIODE 13B 0,5W
D 64010	830966306800	Z-DIODE BZT03D68
D 64011	830920002100	DIODE BAV21
D 64012	830920002100	DIODE BAV21
D 64013	830920002100	DIODE BAV21
D 64014	830920002100	DIODE BAV21
D 64305	830972011300	Z DIODE 12B 0,5W
D 64310	830972011300	Z DIODE 12B 0,5W
D 64315	830972005100	Z DIODE 5,1B 0,5W
D 70508	830972011600	Z-DIODE 15C 0,5W
FS 64001	△ 293032300200	FUNKENSTRECKE 1,6KV
IC 34510	830533478000	IC TDA4780V3/V4
IC 43080	830536642000	IC TEA6420
IC 43570	830536642500	IC TEA6425
IC 43670	830536642500	IC TEA6425
IC 50010	830534417300	IC TDA4173AF
IC 55010	830533814500	IC TDA8145

POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION
IC 58010	830520439300	IC LM393P
IC 60010	830533464600	IC TDA16846
IC 60220	830536150100	IC TEA1501 N1
IC 61001	830520431700	IC LM317T
IC 61006	830520431700	IC LM317T
IC 61030	830520435000	IC LM350T
IC 61040	830520435000	IC LM350T
IC 61310	830520435700	IC LM358N
L 34517	814050574700	DR B 8,2UH 5%
L 53001	810498205600	FERRITPERLE HF70 BTL 3,5X
L 53002	810498205600	FERRITPERLE HF70 BTL 3,5X
L 53003	810498205600	FERRITPERLE HF70 BTL 3,5X
L 53011	814050524900	FERRITE BEAD
L 53012	092401140400	DR A AX-GA 10UH 10%
L 53021	292031229700	DROSSEL 1,5 MH/CHOKE
L 53074	092468596100	LINEARITAETSREGLER LINEARITY CONTROL
L 55014	092458160100	BRUECKENSPULE M.KERN BRIDGE COIL W.CORE
L 60006	297017390800	O/W AUSKOPPELSPULE E/W COUPLING COIL
L 60028	292017119700	DAEMPF-PERLE UV 930 30 DAMPING BEAD
L 61012	810498201400	SPEICHERDROSSEL STORAGE CHOKE
L 61016	810498201400	DAEMPF-PERLE 433003038102
L 61016	810498201400	DAEMPF-PERLE 433003038102
L 61021	810498201400	DAEMPF-PERLE 433003038102
L 61026	810498201400	DAEMPF-PERLE 433003038102
L 61036	810498201400	DAEMPF-PERLE 433003038102
L 61061	810498201400	DAEMPF-PERLE 433003038102
L 61061	810498201400	DAMPING BEAD
L 61062	814050506500	DR A AX-GA 47UH 5%
L 61066	810498201400	DAEMPF-PERLE 433003038102
L 61067	814050506500	DAMPING BEAD
L 70508	092410359700	DR A AX-GA 47UH 5% STABKERNDROSSEL
L 70555	814050574700	BAR CORE COIL DR B 8,2UH 5%
OK 60031	△ 830600001200	OPTOKOPPLER CNY17F1
OK 60046	△ 830600001200	OPTOKOPPLER CNY17F1 OPTO COUPLER
R 21103	△ 870532122100	MOW 0411 6,8 OHM 5%
R 21212	870000754900	KSW 0207 1,5 MOHM 5%
R 21216	870001134500	KSW 0204 1 MOHM 5%
R 23215	△ 870537009900	MOW 0922 12 KOHM 5%
R 43082	△ 870111902100	KSW SI B 6,8 OHM 5%
R 43566	△ 870042901300	KSW NB 0207 3,3 OHM 5%
R 43581	△ 870042901300	KSW NB 0207 3,3 OHM 5%
R 50007	△ 876632740900	MSW 0207 2,2 OHM 1%
R 50008	△ 876632740900	MSW 0207 2,2 OHM 1%
R 50029	△ 876635705200	MSW 0414 130 OHM 5%
R 52001	△ 870532901700	MOW 0411 4,7 OHM 5%
R 52003	△ 873023923900	DRW SI ST7 3W 39 OHM 5%
R 52005	△ 870536901300	MOW 0617 3,3 OHM 5%
R 52006	△ 870536901300	MOW 0617 3,3 OHM 5%
R 53002	△ 876588600500	KSW 0207 1,5 OHM 5%
R 53003	△ 876588600500	KSW 0207 1,5 OHM 5%
R 53008	△ 870042909700	KSW NB 0207 10 KOHM 5%
R 53016	△ 873028002100	DRW SI S11 7W 6,8 OHM 5%
R 53021	△ 870536906300	MOW 0617 390 OHM 5%
R 54001	△ 873500303300	DRW 0,75W 0,33 OHM 10%
R 54011	△ 873500303300	DRW 0,75W 0,33 OHM 10%

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

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Ersatzteilliste Spare Parts List

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FEATURE-BOX BASIC 3

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		29504 209 1300		FEATURE-BOX BASIC 3	FEATURE BOX BASIC 3

POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION	POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION
CD 01403	83250 041 4800	SMD DIODE LS 4148	L 01310	81049 820 1400	DAEMPF-PERLE 433003038102 DAMPING BEAD
CD 01406	83094 550 5200	MELF-Z DIODE 5,1 B 0,5W	L 01311	81405 269 6600	DR S 18UH 5%
CD 01407	83250 041 4800	SMD DIODE LS 4148	L 01312	81405 269 6600	DR S 18UH 5%
CD 01418	83091 950 4200	SMD DIODE BAR42	L 01313	81049 820 1400	DAEMPF-PERLE 433003038102 DAMPING BEAD
CD 01419	83094 550 4000	MELF-Z DIODE 3,9 B 0,5W	L 01314	81405 269 6600	DR S 18UH 5%
CD 01530	83250 041 4800	SMD DIODE LS 4148	L 01315	81049 820 1400	DAEMPF-PERLE 433003038102
CD 01532	83250 041 4800	SMD DIODE LS 4148	L 01317	81049 820 1400	DAEMPF-PERLE 433003038102
CD 01533	83250 041 4800	SMD DIODE LS 4148	L 01350	81049 820 1400	DAEMPF-PERLE 433003038102 DAMPING BEAD
CD 01534	83250 041 4800	SMD DIODE LS 4148	L 01351	09241 035 9700	STABKERNDROSSEL BAR CORE CHOKE
CD 01663	83094 550 5200	MELF-Z DIODE 5,1 B 0,5W	L 01352	81049 820 1400	DAEMPF-PERLE 433003038102 DAMPING BEAD
CIC01320	83058 397 3300	SMD IC TLC7733ID	L 01353	09241 035 9700	STABKERNDROSSEL BAR CORE CHOKE1
CIC01350	83059 932 1500	SMD IC VPC3215C-PT-B8	L 01358	81405 265 3400	DR 0411 10UH 10%
CIC01360	83059 732 5000	SMD IC CIP3250A-PS-B1	L 01360	81405 258 9700	DR AX 0411-GA 100UH 5%
CIC01410	83059 493 6100	SMD IC SDA9362-2	L 01361	81049 820 1400	DAEMPF-PERLE 433003038102
CIC01640	83059 492 8200	SMD IC SDA9280-B22	L 01362	81049 820 1400	DAEMPF-PERLE 433003038102
CIC02010	83059 494 0000	SMD IC SDA9400	L 01370	81049 820 1400	DAEMPF-PERLE 433003038102
CIC02020	83057 870 5300	IC M74HC4053RM13TR	L 01372	81049 820 1400	DAEMPF-PERLE 433003038102 DAMPING BEAD
CL 01376	81049 823 3300	SMD DAEMPF-PERLE	L 01374	81405 258 9700	DR AX 0411-GA 100UH 5%
CL 01377	81049 823 3300	SMD DAEMPF-PERLE	L 01401	81405 265 3400	DR 0411 10UH 10%
CL 02022	81049 823 3300	SMD DAEMPF-PERLE DAMPING BEAD	L 01402	81405 265 3400	DR 0411 10UH 10%
CT 01501	83010 048 4900	SMD-TRANS BC 849 B	L 01403	81405 265 3400	DR 0411 10UH 10%
CT 01506	83011 660 5100	SMD-TRANS BCX 51-16	L 01407	81405 265 3400	DR 0411 10UH 10%
CT 01511	83010 048 4900	SMD-TRANS BC 849 B	L 01411	81405 265 3600	DR 0411 4,7UH 10%
CT 01516	83011 660 5100	SMD-TRANS BCX 51-16	L 01412	81405 265 3600	DR 0411 4,7UH 10%
CT 01521	83010 048 4900	SMD-TRANS BC 849 B	L 01421	81049 820 1400	DAEMPF-PERLE 433003038102
CT 01526	83011 660 5100	SMD-TRANS BCX 51-16	L 01423	81049 820 1400	DAEMPF-PERLE 433003038102
CT 01541	83010 048 4800	SMD TRANS BC848B/BC847B	L 01508	81049 820 1400	DAEMPF-PERLE 433003038102 DAMPING BEAD
CT 01545	83010 048 4800	SMD TRANS BC848B/BC847B	L 01509	81405 258 2800	DR AX 0411-GA 2,2UH 10%
CT 01561	83010 048 4800	SMD TRANS BC848B/BC847B	L 01518	81049 820 1400	DAEMPF-PERLE 433003038102
CT 01680	83010 048 4800	SMD TRANS BC848B/BC847B	L 01531	81049 820 1400	DAEMPF-PERLE 433003038102 DAMPING BEAD
CT 01681	83010 048 4800	SMD TRANS BC848B/BC847B	L 01532	81405 265 3400	DR 0411 10UH 10%
CT 01690	83010 048 4800	SMD TRANS BC848B/BC847B	L 01533	81049 820 1400	DAEMPF-PERLE 433003038102
CT 01691	83010 048 4800	SMD TRANS BC848B/BC847B	L 01536	81049 820 1400	DAEMPF-PERLE 433003038102
CT 02057	83010 038 5800	SMD TRANS BC858B/BC857B	L 01537	81049 820 1400	DAEMPF-PERLE 433003038102 DAMPING BEAD
F 02000	81406 023 1900	FILTER 5X5 #319 4FACH	L 01538	81405 265 3400	DR 0411 10UH 10%
IC 01310	83052 631 1700	IC LD1117V33C 3,3V 2%	L 01543	81405 265 3400	DR 0411 10UH 10%
L 01306	81405 320 8500	SPULE 5X5 085 SIGN 532085			
L 01308	81405 320 8600	SPULE 5X5 086 SIGN 532086			
L 01309	81405 269 6600	DR S 18UH 5%			

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POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION
L 01544	81405 265 3400	DR 0411 10UH 10%
L 01546	81405 265 3400	DR 0411 10UH 10%
L 01563	81405 265 3400	DR 0411 10UH 10%
L 01641	81049 820 1400	DAEMPF-PERLE 433003038102
L 01651	81049 820 1400	DAEMPF-PERLE 433003038102
L 01656	81049 820 1400	DAEMPF-PERLE 433003038102 DAMPING BEAD
L 01662	81405 265 3400	DR 0411 10UH 10%
Q 01365	83824 422 0300	QUARZ #442-1 13C 20,25MHZ
Q 01408	83822 495 9700	QUARZ #330 2C 12MHZ
Q 02015	83823 362 7200	QUARZ #336-1 13C 27MHZ

POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION
L 01544	81405 265 3400	DR 0411 10UH 10%
L 01546	81405 265 3400	DR 0411 10UH 10%
L 01563	81405 265 3400	DR 0411 10UH 10%
L 01641	81049 820 1400	DAEMPF-PERLE 433003038102
L 01651	81049 820 1400	DAEMPF-PERLE 433003038102
L 01656	81049 820 1400	DAEMPF-PERLE 433003038102 DAMPING BEAD
L 01662	81405 265 3400	DR 0411 10UH 10%
Q 01365	83824 422 0300	QUARZ #442-1 13C 20,25MHZ
Q 01408	83822 495 9700	QUARZ #330 2C 12MHZ
Q 02015	83823 362 7200	QUARZ #336-1 13C 27MHZ

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Spare Parts List

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BAUSTEIN SIGNAL ZF+TUNER /MULTI 9
MODULE SIGNAL/IF+TUNER/MULTI 9

MATERIAL-NR. / PART NO.: 29504 262 0300

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG D	DESCRIPTION GB
		29504 262 0300		BAUSTEIN SIGNAL/ZF+TUNER/MULTI 9	MODULE SIGNAL/IF+TUNER/MULTI 9
0100.000		29504 301 0100		TUNER-GLOBAL (PLL)	TUNER-GLOBAL (PLL)

POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION	POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION
CD 32004	83094 550 5100	MELF-Z DIODE 5,1 C 0,5W	CT 32132	83010 048 4800	SMD TRANS BC848B/BC847B
CD 32030	83094 550 5100	MELF-Z DIODE 5,1 C 0,5W	CT 32133	83011 850 2000	SMD TRANS BFS20
CD 32041	83094 015 9200	SMD DIODE BA592	CT 32134	83010 038 5800	SMD TRANS BC858B/BC857B
CD 32042	83094 015 9200	SMD DIODE BA592	CT 32211	83010 048 4800	SMD TRANS BC848B/BC847B
CD 32043	83094 015 9200	SMD DIODE BA592	CT 32215	83010 038 5800	SMD TRANS BC858B/BC857B
CD 32044	83094 015 9200	SMD DIODE BA592	CT 32216	83010 038 5800	SMD TRANS BC858B/BC857B
CD 32046	83094 015 9200	SMD DIODE BA592	CT 32217	83010 048 4800	SMD TRANS BC848B/BC847B
CD 32047	83094 015 9200	SMD DIODE BA592	F 32041	81405 313 5100	SPULE 7X7 351 FARBE 718
CD 32048	83094 015 9200	SMD DIODE BA592	F 32043	81405 353 9100	SPULE 7X7 #391 SIGN535391
CD 32071	83250 041 4800	SMD DIODE LS 4148	F 32051	83190 095 5100	OFWFL K9551M
CD 32072	83250 041 4800	SMD DIODE LS 4148	F 32052	83190 039 5100	OFW G 3957 M
CD 32132	83094 015 9200	SMD DIODE BA592	F 32053	83190 094 6000	OFW L 9460
CD 32133	83094 015 9200	SMD DIODE BA592	F 32054	83190 062 6200	OFW K 6262 K
CIC32030	83058 140 9400	SMD IC MC14094BD	F 32101	81418 124 0500	FILTER 7X7 405 SIGN 11240
CIC32080	83057 340 5300	SMD IC HEF4053BT	F 32101	81411 124 0500	FILTER 7X7 405 SIGN 11240
CL 32001	81049 820 1200	SMD DAEMPF-PERLE	F 32109	86027 555 1500	KERTRAP #15 4,5MHZ
CL 32003	81049 820 1200	SMD DAEMPF-PERLE DAMPING BEAD	F 32111	81411 113 6000	FILTER 7X7 360 SIGN 11136
CT 32041	83010 048 4800	SMD TRANS BC848B/BC847B	F 32111	81418 113 6000	FILTER 7X7 360 SIGN 11136
CT 32042	83010 048 4800	SMD TRANS BC848B/BC847B	F 32124	86027 555 2100	CER.TRAP 21 TPS 5,5MHZ
CT 32043	83011 305 5000	SMD TRANS BF550	F 32132	86022 220 2500	KERFIL #25 4,5MHZ
CT 32044	83010 048 4800	SMD TRANS BC848B/BC847B	IC 32010	83053 369 3000	IC TDA6930S
CT 32045	83010 038 5800	SMD TRANS BC858B/BC857B	L 32001	81405 253 4300	DR B AX-GA 15UH 10%
CT 32061	83010 048 4800	SMD TRANS BC848B/BC847B	L 32003	81405 057 4700	DR B 8,2UH 5%
CT 32062	83010 048 4800	SMD TRANS BC848B/BC847B	L 32109	81405 269 2600	DR N-GR 12UH 5%
CT 32064	83010 048 4800	SMD TRANS BC848B/BC847B	L 32124	81405 260 3400	DR O309 10UH 5%
CT 32101	83010 038 5800	SMD TRANS BC858B/BC857B	R 32033	87920 021 4600	ESTR.S6 4,7 KOHM LIN
CT 32104	83010 038 5800	SMD TRANS BC858B/BC857B	R 32057	87920 021 5100	ESTR.S6 10 KOHM LIN
CT 32108	83010 048 4800	SMD TRANS BC848B/BC847B			
CT 32109	83011 305 5000	SMD TRANS BF550			
CT 32110	83010 048 4800	SMD TRANS BC848B/BC847B			
CT 32111	83010 048 4800	SMD TRANS BC848B/BC847B			
CT 32112	83010 038 5800	SMD TRANS BC858B/BC857B			
CT 32113	83010 048 4800	SMD TRANS BC848B/BC847B			
CT 32114	83010 048 4800	SMD TRANS BC848B/BC847B			
CT 32119	83010 048 4800	SMD TRANS BC848B/BC847B			

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BAUSTEIN PROZESSOR MEGATEXT
MODULE PROCESSOR MEGATEXT

MATERIAL-NR. / PART NO.: 295042031800

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG D	DESCRIPTION GB
		295042031800		BAUSTEIN PROZESSOR MEGATEXT	MODULE PROCESSOR MEGATEXT
0241.000		293031680900		CINCH-BUCHSE 2-FACH NF L,R	CINCH SOCKET 2 FOLD AF L,R
0243.000		293031191800		D-SUB BUCHSENLEISTE 15-POL	D-SUB SOCKET STRIP 15 PIN

POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION	POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION
CIC46010	830594527500	SMD IC SDA5275-3P	L 80041	810498201400	DAEMPF-PERLE 433003038102
CIC46020	830593160000	SMD IC MSM5116400D-60SJR1	L 80042	810498201400	DAEMPF-PERLE 433003038102
CIC46215	830577053000	SMD IC 74HC4053			DAMPING BEAD
CIC46245	830577308600	SMD IC 74HCT86D/T3	Q 46001	860234116000	KERRES #160 20,48MHZ
CIC46250	830578612500	SMD IC 74HC125D/T3	Q 80067	860234114500	KERRES #145/2 16MHZ
CIC80010	830578709400	SMD IC 74HC4094			
CIC80050	830582816100	SMD IC SAB-C161 RI-L16F			
CIC80095	830596001700	SMD IC M24C16-MN1T			
CIC80150	830595613200	SMD IC UM61256FS-15			
CIC80220	830585328400	SMD IC 28F004S5-85			
CT 46005	830100385800	SMD TRANS BC858B/BC857B			
CT 80004	830100385800	SMD TRANS BC858B/BC857B			
CT 80005	830100484800	SMD TRANS BC848B/BC847B			
CT 80010	830100385800	SMD TRANS BC858B/BC857B			
CT 80020	830100385800	SMD TRANS BC858B/BC857B			
CT 80025	830100484800	SMD TRANS BC848B/BC847B			
CT 80035	830100385800	SMD TRANS BC858B/BC857B			
CT 80040	830100484800	SMD TRANS BC848B/BC847B			
CT 80050	830100385800	SMD TRANS BC858B/BC857B			
CT 80055	830100484800	SMD TRANS BC848B/BC847B			
CT 80085	830100484800	SMD TRANS BC848B/BC847B			
CT 80090	830100484800	SMD TRANS BC848B/BC847B			
CT 80095	830100484800	SMD TRANS BC848B/BC847B			
CT 80105	830100385800	SMD TRANS BC858B/BC857B			
CT 80110	830100385800	SMD TRANS BC858B/BC857B			
D 46201	830972005600	Z DIODE 5,6 C 0,5W			
D 46202	830972005600	Z DIODE 5,6 C 0,5W			
D 80002	830921504500	DIODE 1N4148			
D 80003	830921504500	DIODE 1N4148			
D 80108	830921504500	DIODE 1N4148			
IC 80045	830521006400	IC MC33164P-5RP			
IC 80070	297981040100	IC M27C160 PROG.KPL			
L 46223	810498201400	DAEMPF-PERLE 433003038102			
L 80040	810498201400	DAEMPF-PERLE 433003038102			

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Ersatzteilliste Spare Parts List

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BILDROHRPLATTE PICTURE TUBE BOARD

MATERIAL-NR. / PART NO.: 29305 122 2900

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		29305 122 2900		BILDROHRPLATTE	PICTURE TUBE BOARD
0800.000!		29303 758 0100		BILDROHRFASSUNG	PICTURE TUBE SOCKET
2410.000		29303 153 0200	3	MONTAGECLIP IC24000/24030/24070	MOUNTING CLIP IC24000/24030/24070

POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION	POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION
C 21104	85637 319 4700	FOKO MKS4 4700PF 10% 2000V	T 65003	83032 055 5800	TRANS BC558B/BC557B
C 24003	86682 030 0200	ABBLOCK-C 0,022UF-GR 25V	T 65004	83032 055 4800	TRANS BC548B/BC547B
C 24006	86682 030 2300	ABBLOCK-C 0,1 UF -GR 25V	T 65005	83032 753 2800	TRANS BC 328-40
C 24013	86682 030 2300	ABBLOCK-C 0,1 UF -GR 25V	T 65010	83032 753 3800	TRANS BC 338-40
C 24033	86682 030 0200	ABBLOCK-C 0,022UF-GR 25V	T 65015	83026 247 9300	TRANS 2 SC 4793
C 24036	86682 030 2300	ABBLOCK-C 0,1 UF -GR 25V	T 65025	83026 118 3700	TRANS 2 SA 1837
C 24073	86682 030 0200	ABBLOCK-C 0,022UF-GR 25V			
D 24007	83092 000 2100	DIODE BAV21			
D 24008	83092 000 2100	DIODE BAV21			
D 24037	83092 000 2100	DIODE BAV21			
D 24038	83092 000 2100	DIODE BAV21			
D 24071	83092 150 4500	DIODE 1N4148			
D 24077	83092 000 2100	DIODE BAV21			
D 24078	83092 000 2100	DIODE BAV21			
D 65011	83092 150 4500	DIODE 1N4148			
D 65017	83092 150 4500	DIODE 1N4148			
D 65021	83092 150 4500	DIODE 1N4148			
D 65027	83092 150 4500	DIODE 1N4148			
IC 24000	83053 361 1100	IC TDA 6111 N4			
IC 24030	83053 361 1100	IC TDA 6111 N4			
IC 24070	83053 361 1100	IC TDA 6111 N4			
L 65002	81049 820 1400	DAEMPF-PERLE 433003038102 DAMPING BEAD			
L 65019	81405 249 5000	ENTSTOER-DR 2X470UH B8279 INTERFERENCE COIL			
L 65023	81049 820 1400	DAEMPF-PERLE 433003038102 DAMPING BEAD			
R 21106	87024 010 7700	KMW 0411 1,5 KOHM 10%			
R 21116	87024 010 5900	KMW 0411 270 OHM 5%			
R 21117	87650 980 2500	MSW 0207 10 OHM 5%			
R 24008	87024 010 7300	KMW 0411 1 KOHM 10%			
R 24038	87024 010 7300	KMW 0411 1 KOHM 10%			
R 24078	87024 010 7300	KMW 0411 1 KOHM 10%			
R 65022	87000 112 7600	KSW 0204 1,3 KOHM 5%			

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ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

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BAUSTEIN NF-VERSTAERKER 5-KANAL/EQUALIZER MODULE AF-AMPLIFIER 5-CHANNEL/EQUALIZER

MATERIAL-NR. / PART NO.: 295042041400

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		295042041400		BAUSTEIN NF-VERSTAERKER 5-KANAL/EQUALIZER	MODULE AF AMPLIFIER 5-CHANNEL/EQUALIZER
0241.000 2400.000		293031682000 293031530107	4	CINCH-BUCHSE 3-FACH MONTAGECLIP	CINCH SOCKET 3 FOLD MOUNTING CLIP
2490.000		293031563201	4	IC40070/40090/40460/40480 FOLIE WAERMELEITEND IC40070/40090/40460/40480	IC40070/40090/40460/40480 FOIL HEAT CONDUCTING IC40070/40090/40460/40480

POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION	POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION
C 40021	845299615500	ELKO 4700UF 20% 25V	D 40041	830921502000	DIODE 1N4004
C 40022	845299615500	ELKO 4700UF 20% 25V	D 40270	830921502000	DIODE 1N4004
C 40041	845299615500	ELKO 4700UF 20% 25V	D 40462	830919854200	DIODE BAT402
C 40042	845299615500	ELKO 4700UF 20% 25V	D 40463	830919854200	DIODE BAT42
			D 40467	830919854200	DIODE BAT42
			D 40468	830919854200	DIODE BAT42
CIC40000	830581316500	SMD IC MC33164D5-R2			
CL 40334	810498233100	SMD DAEMPF-PERLE	IC 40000	830521006500	IC MC33164P-5RP
CL 40336	810498233100	SMD DAEMPF-PERLE	IC 40070	830533726500	IC TDA7265
		SMD DAMPING BEAD	IC 40090	830533726500	IC TDA7265
			IC 40110	830543341100	IC MSP3410D-PO-C5
CT 40060	830100385800	SMD TRANS BC858B/BC857B	IC 40305	830514741900	IC DPL3519A-PO-A2
CT 40066	830100581800	SMD TRANS BC818-25/BC817	IC 40460	830533726500	IC TDA7265
CT 40171	830100685800	SMD TRANS BC858C/BC857C	IC 40480	830533726500	IC TDA7265
CT 40181	830100685800	SMD TRANS BC858C/BC857C	IC 41050	830529355600	IC RC4556NB
CT 40191	830100385800	SMD TRANS BC858B/BC857B			
CT 40270	830100385800	SMD TRANS BC858B/BC857B	L 40021	810498201400	DAEMPF-PERLE 433003038102
CT 40275	830100581800	SMD TRANS BC818-25/BC817	L 40041	810498201400	DAEMPF-PERLE 43300303810
CT 40280	830100581800	SMD TRANS BC818-25/BC817			DAMPING BEAD
CT 40290	830100581800	SMD TRANS BC818-25/BC817	L 40111	814050524900	DR A AX-GA 10UH 10%
CT 40295	830100581800	SMD TRANS BC818-25/BC817	L 40301	814050524900	DR A AX-GA 10UH 10%
CT 40325	830100581800	SMD TRANS BC818-25/BC817	L 40302	810498201400	DAEMPF-PERLE 433003038102
CT 40330	830100581800	SMD TRANS BC818-25/BC817			DAMPING BEAD
CT 40410	830100685800	SMD TRANS BC858C/BC857C			
CT 40420	830100685800	SMD TRANS BC858C/BC857C	Q 40212	838243918600	QUARZ #439-9 18,432MHZ
CT 40431	830100484800	SMD TRANS BC848B/BC847B	Q 40321	838243918600	QUARZ #439-9 18,432MHZ
CT 40441	830100385800	SMD TRANS BC858B/BC857B			
CT 40453	830100385800	SMD TRANS BC858B/BC857B	R 40001	870111902300	KSW SI B 8,2 OHM 5%
CT 40455	830100484800	SMD TRANS BC848B/BC847B	R 40006	870111902300	KSW SI B 8,2 OHM 5%
CT 40460	830100581800	SMD TRANS BC818-25/BC817	R 40074	870111901700	KSW SI B 4,7 OHM 5%
CT 40465	830100581800	SMD TRANS BC818-25/BC817	R 40079	870111901700	KSW SI B 4,7 OHM 5%
CT 40473	830100484800	SMD TRANS BC848B/BC847B	R 40094	870111901700	KSW SI B 4,7 OHM 5%
CT 40475	830100484800	SMD TRANS BC848B/BC847B	R 40099	870111901700	KSW SI B 4,7 OHM 5%
CT 41031	830100581800	SMD TRANS BC818-25/BC817	R 40469	870111901700	KSW SI B 4,7 OHM 5%
CT 41041	830100581800	SMD TRANS BC818-25/BC817	R 40474	870111901700	KSW SI B 4,7 OHM 5%
			R 40489	870111901700	KSW SI B 4,7 OHM 5%
D 40031	830921502000	DIODE 1N4004	R 40494	870111901700	KSW SI B 4,7 OHM 5%

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