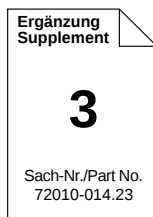


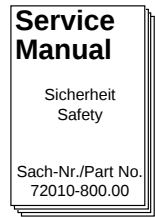
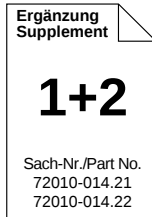
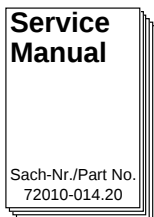


ⓓ Btx * 32700 #



Zusätzlich erforderliche Unterlagen für den Komplettservice:

Additionally required Service Manuals for the Complete Service:



CUC 1824

ST 170 IDTV Boston
SE 7088 IDTV

(9.21388-01 / GCB 4091)
(9.21389-01 / GCB 3992)

ⓓ

Für dieses Gerät gilt das Service Manual CUC 1822/23/52.
Dieses Manual beinhaltet die Unterschiede bzw. zusätzlichen Bestückungen der Geräte.
Die Bausteinbestückung und die Sachnummern der einzelnen Bausteine entnehmen Sie bitte der Tabelle auf Seite 3.
Grundlage für den Service sind:

- Sicherheitsvorschriften (Sach-Nr. 72010-800.00)
- Service Manual CUC 1822/23/52 (Sach-Nr. 72010-014.20)
- 1. Ergänzung CUC 1822/24/82/93 (Sach-Nr. 72010-014.21)
- 2. Ergänzung CUC 1800/22 (Sach-Nr. 72010-014.22)

ⓖB

For this TV set the Service Manual CUC 1822/23/52 is applicable.
This Manual contains the differences and the additionally fitted modules of the TV receivers.
The individual modules and the relevant part numbers are listed in the table on page 3.
Basic instructions for servicing are given in the:

- Safety Instructions (Part No. 72010-800.00)
- Service Manual CUC 1822/23/52 (Part No. 72010-014.20)
- 1st Supplement CUC 1822/24/82/93 (Part No. 72010-014.21)
- 2st Supplement CUC 1800/22 (Part No. 72010-014.22)

Inhaltsverzeichnis

Seite	
Technische Daten	2
Modulübersicht	3
Bedieneinheit 29501-080.96	4
Chassisplatte (Bestückungsseite)	5
Gesamtschaltplan	7
Video-Baustein 29504-165.69	11
Focussierplatte 29305-025.20	14
Chassisplatte (Lötseite)	15

Table of Contents

Page	
Technical Data	2
Module List	3
Control Unit 29501-080.96	4
Chassis Board (Component side)	5
General Circuit Diagram	7
Video Module 29504-165.69	11
Focusing Board 29305-025.20	14
Chassis Board (Solder side)	15
Spare Parts List	17

Technische Daten / Technical Data

	SE 7088 IDTV (CUC 1824)	ST 170 IDTV Boston (CUC 1824)
Bildröhre / Picture Tube		
Sichtbares Bild Visible picture	66cm	66cm
Bildschirmdiagonale Screen diagonale	70cm (28") Black Square	70cm (28") Black Square
Ablenkwinkel Deflection angle	110°	110°
Bildwechselfrequenz Vertical frequency	100Hz	100Hz
Elektronik / Electronic		
Programmspeicherplätze Programme positions	99 + 3 AV	99 + 3 AV
AV-Auswertung AV evaluation	auf jeden Programmplatz programmierbar / programmable for every program position	
Tuner	Kabeltuner-Raster 8MHz für Hyperband / cable tuner - 8MHz spacing for hyperband	
TV-Normen TV standards	PAL / SECAM / NTSC 4,43MHz	PAL / SECAM / NTSC 4,43MHz
Musikleistung Music power	2 x 25W	2 x 25W
Anschlüsse Front / Connections Front		
Kopfhörer Headphones	Stereo 3,5mm Klinkenbuchse, Lautstärke regelbar, individuelle Tonkanalwahl bei 2-Ton-Empfang/ Stereo 3.5mm jack socket, adjustable volume, individual channel selection with dual-sound broadcasts	
Video IN	Cinch FBAS	Cinch FBAS
Anschlüsse Rückwand / Connections Rear Panel		
Euro AV (schwarz, black)	voll belegt fully wired	voll belegt fully wired
Euro AV (orange)	FBAS IN / OUT S-Video	FBAS IN / OUT S-Video
2 Cinch-NF Stereo Ausgangs-Buchsen 2 Cinch-AF stereo output-sockets	1x variabel/variable 1x konstant/constant	1x variabel/variable 1x konstant/constant
Netzteil / Mains Stage		
Netzspannung (Regelbereich) Mains voltage (variable)	190...264V	190...264V
Netzfrequenz Mains frequency	50 / 60Hz	50 / 60Hz
Leistungsaufnahme Power consumption	ca. 155W	ca. 155W
Standby	ca. 5W	ca. 5W

Modulübersicht / Module List

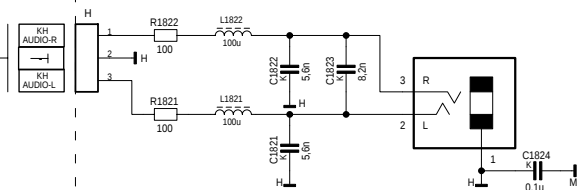
	SE 7088 IDTV (CUC 1824)	ST 170 IDTV Boston (CUC 1824)
Chassis	29701-085.25	29701-085.25
Tuner	29504-201.01	29504-201.01
ZF-Verstärker IF Amplifier	29504-102.33	29504-102.33
NF-Verstärker AF Amplifier	29504-104.26	29504-104.26
Buchsenplatte Socket Board	29305-160.05/.15	29305-160.05/.15
Bildrohrplatte CRT Panel	29305-022.37	29305-022.37
Bedieneinheit / Anzeigeeinheit Control Unit / Display	29501-080.96	29501-080.96
Feature-Box	29504-103.32	29504-103.32
Ost / West-Baustein East / West-Module	29504-107.93	29504-107.93
Netzentstörplatte Mains Interference Elimination Board	29304-050.95	29304-050.95
Abstimmbaustein Tuning Module	29504-103.63/65	29504-103.63/65
Video-Baustein Video Module	29504-165.69	29504-165.69
Fernbedienung Remote Control	29622-059.01	29622-059.01
Fokussierungsplatte Focusing Board	29305-025.20	29305-025.20

Bedieneinheit / Control Unit 29501-080.96

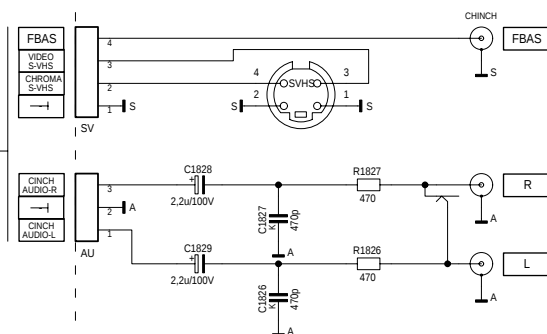
BEDINEINHEIT 29501-080.96

CONTROL UNIT
UNITA DE COMANDE
UNITA DI COMANDO
UNIDAD DE MANDO

ZUM NF-BAUSTEIN
TO AF AMPLIFIER
VERS AMPLI. BF
AL BF AMPLI.
AL AMPL. DE BF

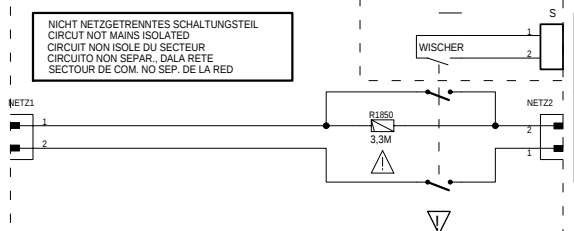


ZUR BUCHSENPLATTE
TO SOCKET BOARD
VERS C.I. PRISES
ALLA PIASTRA PRESE
A LA PLACA DE TOMAS

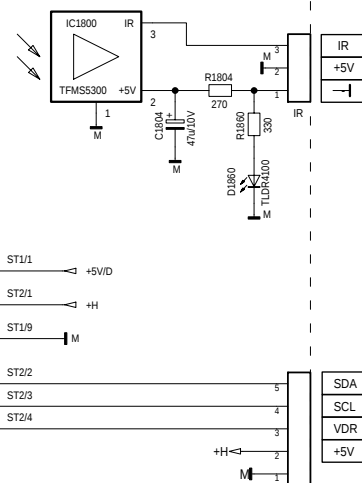
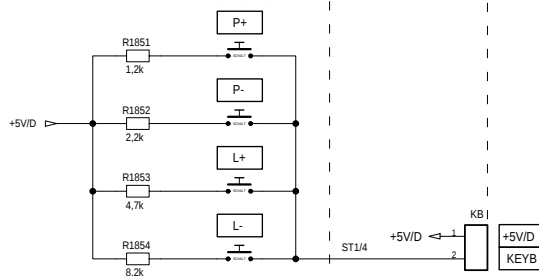
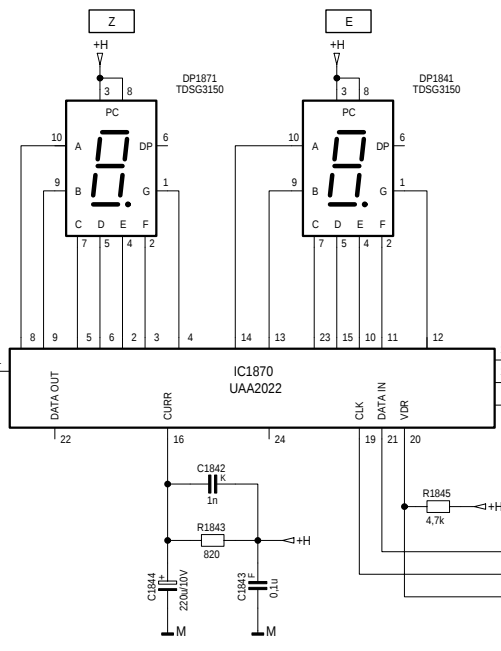


NICHT NETZGETRENNTES SCHALTUNGSTEIL
CIRCUIT NOT MAINS ISOLATED
CIRCUIT NON ISOLE DU SECTEUR
CIRCUITO NON SEPAR. DALLA RETE
SECTEUR DE COM. NO SEP. DE LA RED

NETZ
220-242V AC



KEYBOARD 29501-081.73
KEYBOARD
CLAVIER
TASTIRA
TECLADO

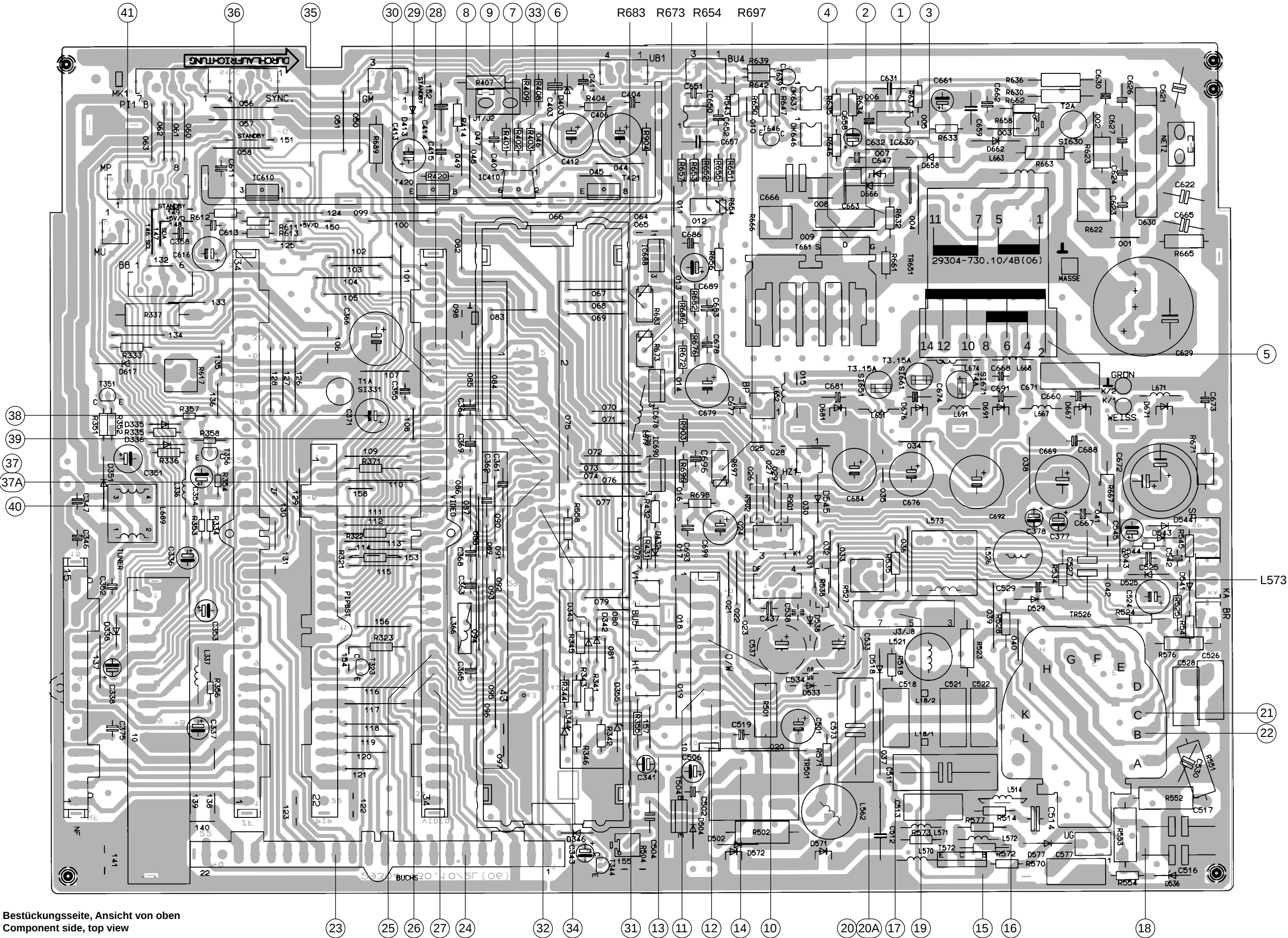


ZUM ABSTIMMBAUSTEIN
TO TUNING MODULE
VERS MOD. SYNTONISATION
AL MOD. SINTONIA
AL MOD. DE SINTONIA

DRUCK 29304-702.96 (-080.96)

DRUCK 29304-706.50 (-081.73)

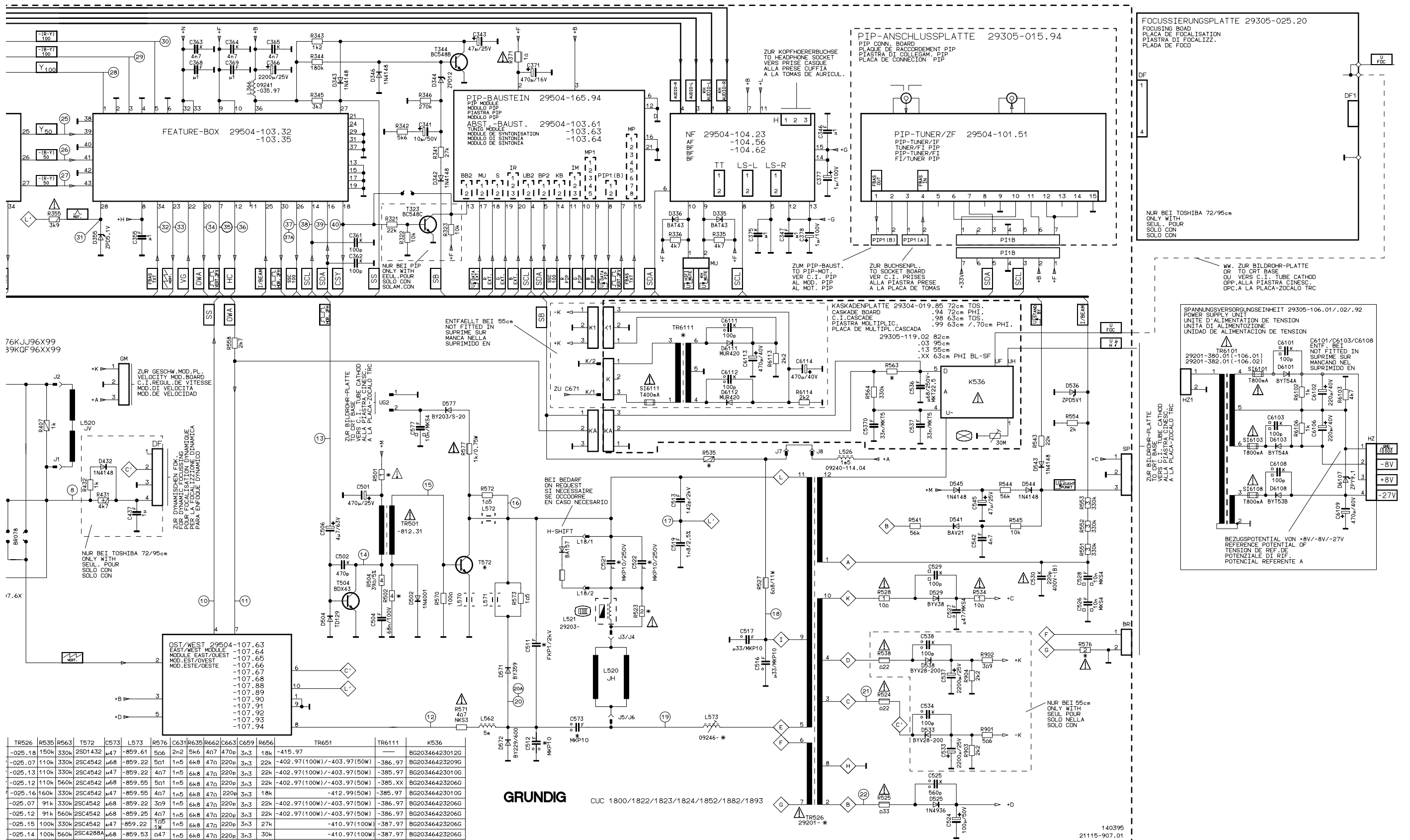
Chassisplatte / Chassis Board



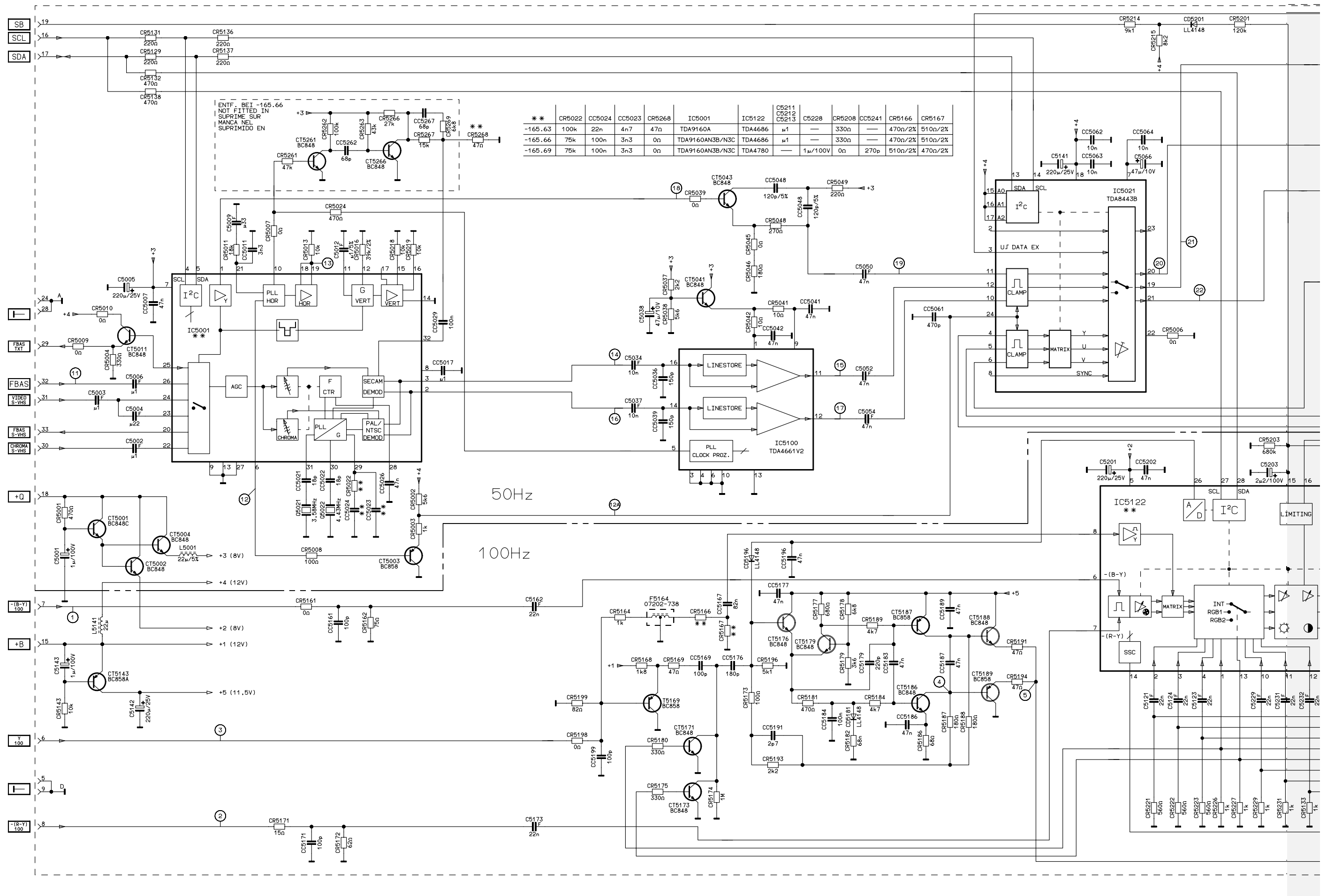
Bestückungsseite, Ansicht von oben
Component side, top view

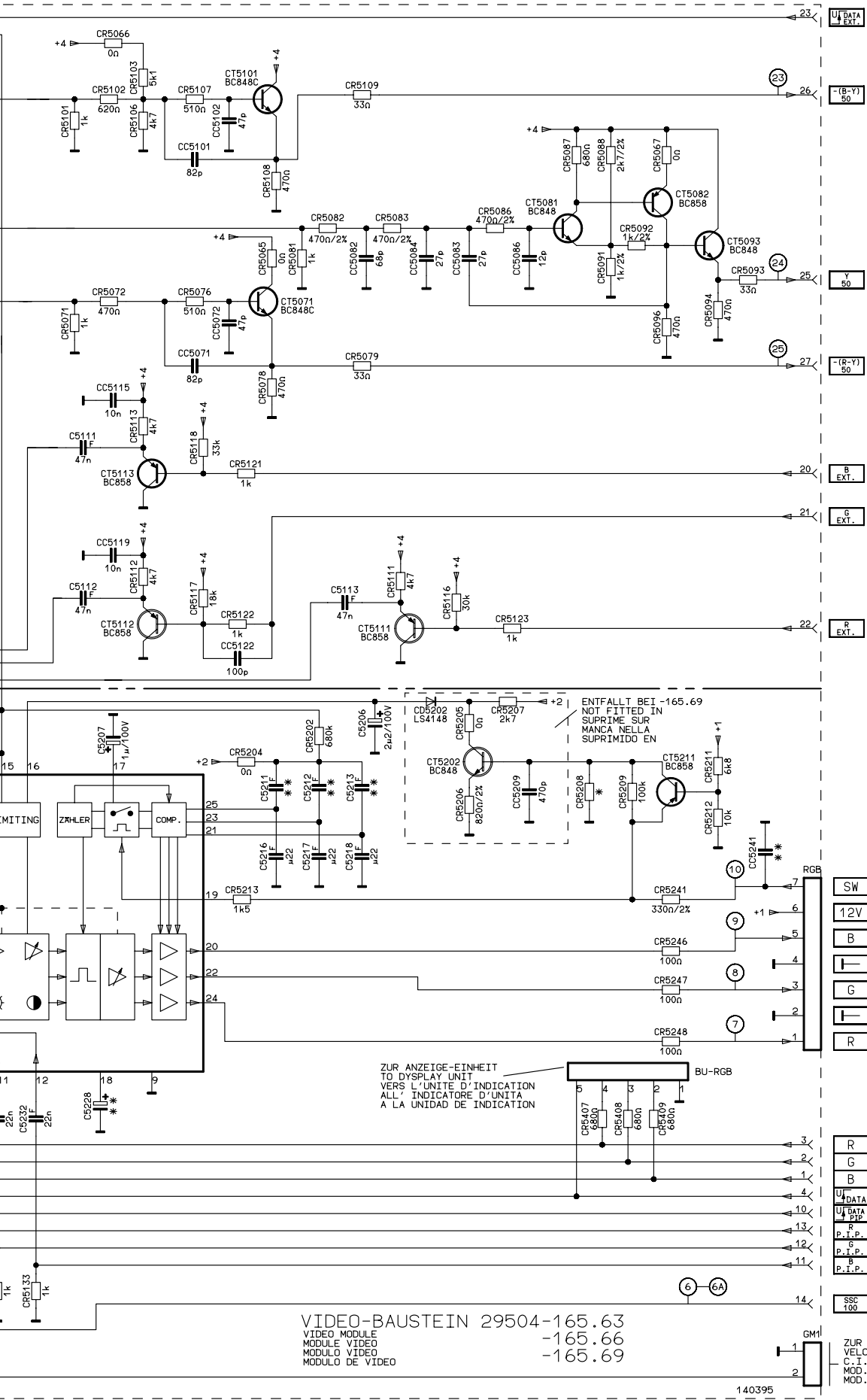
Attention!

For measurements on the focus control panel use only sufficiently insulated measuring cables and test probes with adequate electric strength (eg. 100:1).

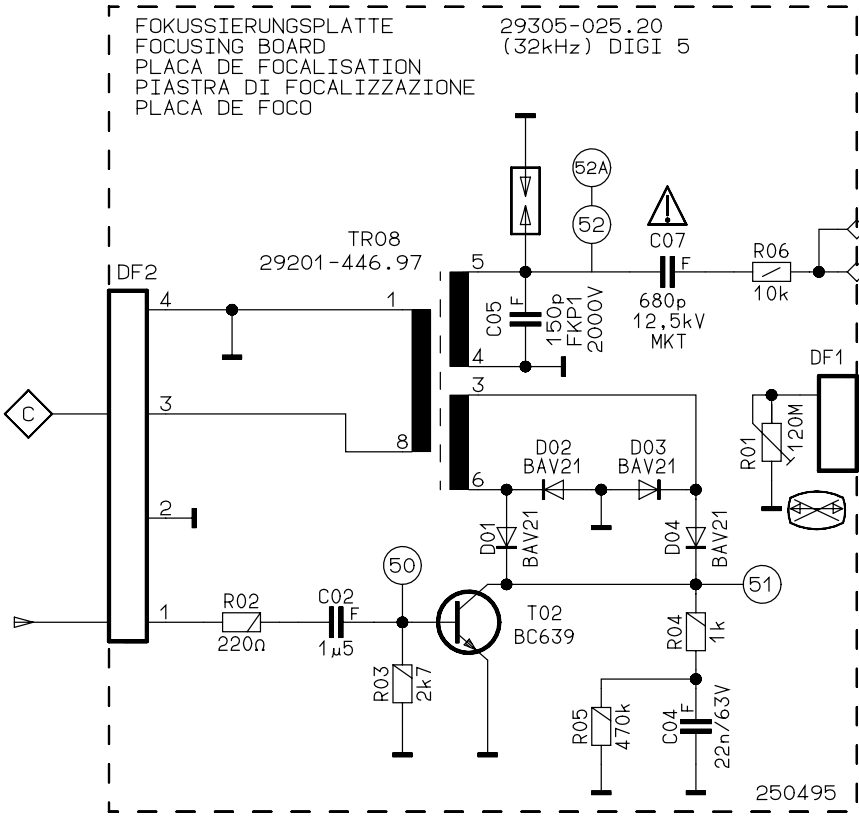


GRUNDIG Service



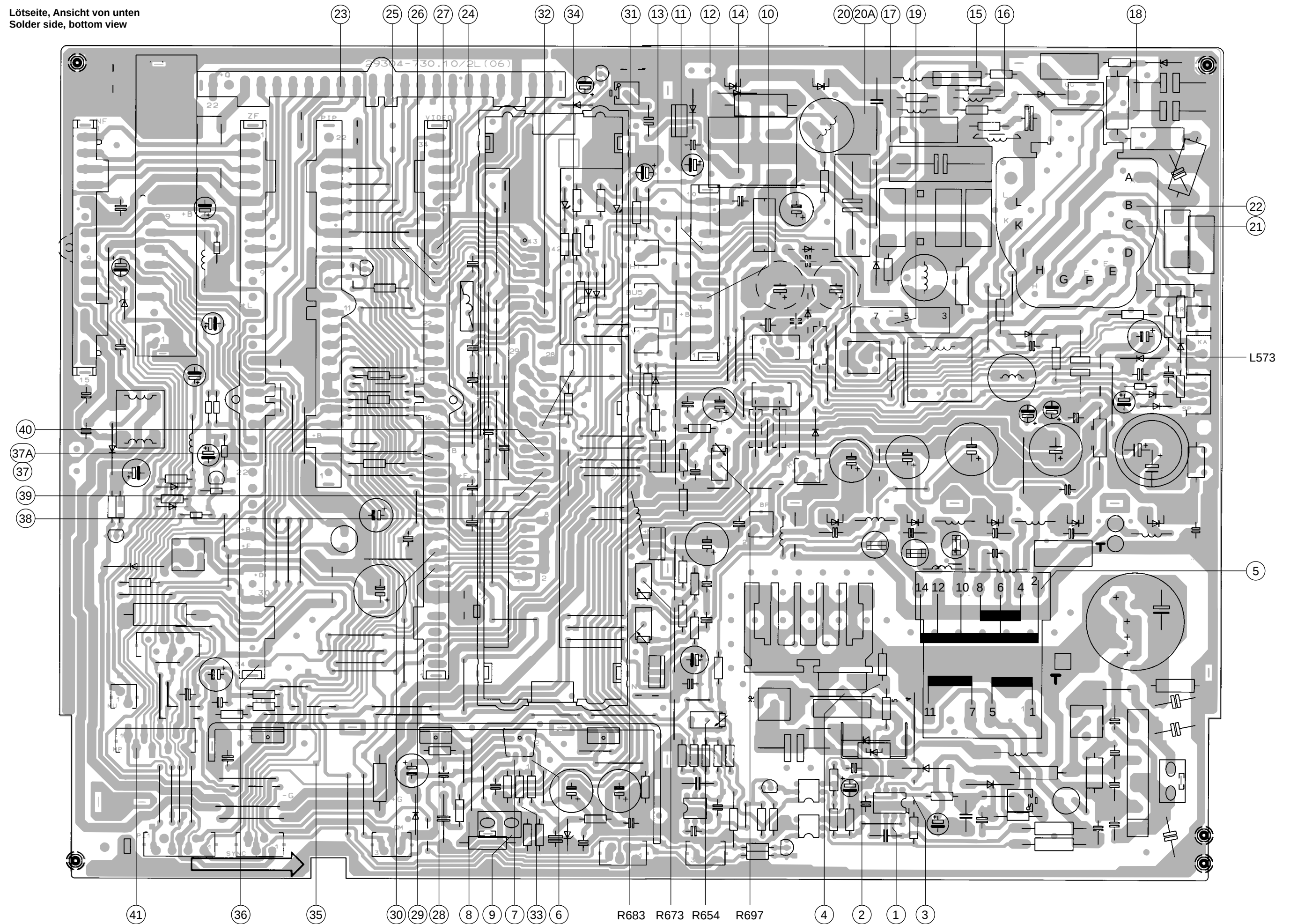


Focussierungsplatte / Focusing Board 29305-025.20



Chassisplatte / Chassis Board

Lötseite, Ansicht von unten
Solder side, bottom view





Ersatzteilliste

Spare Parts List



D Btx * 32700 #

6 / 94

CUC 1824 DIGI 5

SACH-NR. / PART NO.: 29701-085.25

POS. NR. POS. NO.	ABB. NR. FIG. NO.	SACHNUMMER PART NUMBER	ANZ. QUA.	BEZEICHNUNG 	DESCRIPTION 
0001.000 0002.000 0002.100 0003.000 0003.100 0003.200 0004.000 0005.000 0006.000 WW. 0007.000 0008.000 WW. 0009.000 0009.100 0010.000 0011.000		29504-201.01 29304-050.95 29305-108.01 29305-160.05 29303-119.08 29303-119.34 29504-102.33 29504-103.32 29504-103.63 29504-103.65 29504-107.93 29504-165.69 29504-165.66 29504-104.26 29700-435.03 29700-585.01 29700-591.01 29304-019.99	X X X X X X X X	CHIP-TUNER/HYPERB. NETZENTSTÖREINHEIT GESCHW.-MODULATIONSPLATTE EURO-AV-BUCHSENPLATTE PERIBUCHSE SW PERIBUCHSE OR ZF-STEREO/PAL FEATURE-BOX (DIGI 5) ABSTIMM-BAUSTEIN ABSTIMM-BAUSTEIN OST/WEST-BAUSTEIN BAUSTEIN VIDEO/ DIGI 5 VIDEO-BAUSTEIN/DIGI 5/FR NF-STEREO 2X25W PASSIV ABDECKUNG NETZ ABDECKUNG EURO AV BAUSTEINHALTER KASKADENPLATTE (63CM) KEIN E-TEIL	SMD TUNER/HYPERBD. MAINS INTERFERENCE UNIT VELOCITY MODULATION BOARD EURO-AV-SOCKET BOARD PERI SOCKET PERI SOCKET IF STEREO PAL FEATURE BOX (DIGI 5) TUNING MODULE TUNING MODULE EAST/WEST MODULE VIDEO MODUL DIGI 5 VIDEO MODUL DIGI 5/FR AF-STEREO COVER COVER MODULE HOLDER CASCADE PLATE NO SPARE PART
0013.000 WW. 0014.000 0015.000		29303-153.12 29303-153.13 29303-153.01 29303-156.08		MONTAGECLIP T420/421/IC410/610/ 688/678/690/T504/572/D571/572/671/ 667/691/676/681 MONTAGECLIP IC688/678/690/T504 MONTAGECLIP IC688 GLIMMERSCHEIBE T420/421/IC410/ 610/688/678/690/T504/572/D571/572/ 671/667/691/676/681	ASSEMBLY CLIP MOUNTING CLIP ASSEMBLY CLIP MICA LAMINATION
0015.100 0016.000 0017.000 0019.000 0020.000		29303-156.20 29303-156.10 09621-113.02 29303-156.18 29700-470.01	2	WAERMELEITFOLIE IC688/678/690/T504 GLIMMERSCHEIBE T504 SICHERUNGSHALTER FOLIE WAERMELEITEND T644/661 STUETZE NF X = SIEHE GESONDERTE E-LISTE WW. = WAHLWEISE	HEAT CONDUCTING FOIL MICA LAMINATION FUSE HOLDER FOIL SUPPORT X = SEE SEPARATE PARTS LIST WW. = OPTIONAL

POS. NR. POS. NO.	SACHNUMMER	BEZEICHNUNG 	POS. NR. POS. NO.	SACHNUMMER	BEZEICHNUNG 
	PART NUMBER	DESCRIPTION 		PART NUMBER	DESCRIPTION 
C 358	8668-203-001	ABBLOCK-C 0,01 UF -GR	C 519	8558-567-031	KP E 1800PF 2,5% 100V
C 366	8452-996-150	ELKO CB 2200UF 25V	C 521	8515-722-246	MKP10/4 0,41 UF 5% 160V
C 375	8668-203-023	ABBLOCK-C 0,1 UF -GR	C 522	8515-722-246	MKP10/4 0,41 UF 5% 160V
C 406	8452-996-147	ELKO CB 1000UF 25V	C 525	8605-767-111	SSPN 560PF +50-20% 400V
C 412	8452-996-147	ELKO CB 1000UF 25V	C 526	8563-731-613	MKS 4 (100) 0,01 UF 10%
C 414	8563-731-418	MKS 4 (16)0,22UF 20% 250V	C 527	8563-731-433	MKS 4 0,47 UF 20% 250V
C 504	8563-720-206	KF 45 0,068 UF 10% 100V	C 528	8563-731-613	MKS 4 (100) 0,01 UF 10%
C 511	8515-911-696	FKP1 9500PF 3,5% 2000V	C 529	8650-067-046	HV-KERKO 100PF 20% 1KV
C 512	8515-722-556	MKP 10 0,02 UF 5% 630V	C 530 	8660-098-219	SI-KERKO.B-SS 220PF 20%
C 513	8515-911-602	FKP1 142PF 2,5% 2000V	C 542	8555-367-541	KT/MKT 5 4700PF 10%
C 516	8515-721-238	MKP 10 0,33 UF 10% 250V/	C 573	8515-722-485	MKP 10 0,47 UF 5% 400V
C 517	8515-721-238	MKP 10 0,33 UF 10% 250V/	C 577	8563-731-613	MKS 4 (100) 0,01 UF 10%

ÄNDERUNGEN VORBEHALTEN

SUBJECT TO ALTERATION

POS. NR. POS. NO.	SACHNUMMER PART NUMBER	BEZEICHNUNG DESCRIPTION	(D) (GB)
C 621 △	8660-098-238	SI-KERKO B-SS 2200PF 20%	
C 622 △	8660-098-238	SI-KERKO B-SS 2200PF 20%	
C 623	8650-081-125	HV-KERKO 1000PF 20% 1KV	
C 624	8650-081-125	HV-KERKO 1000PF 20% 1KV	
C 626	8650-081-125	HV-KERKO 1000PF 20% 1KV	
C 627	8650-081-125	HV-KERKO 1000PF 20% 1KV	
C 629	8443-306-059	ELKO 15 300/330UF 385V	
C 630	8650-081-125	HV-KERKO 1000PF 20% 1KV	
C 659	8520-697-555	KC 10 3300PF 5% 400V	
C 660	8650-067-046	HV-KERKO 100PF 20% 1KV	
C 662	8650-081-111	HV-KERKO 270PF 20% 2KV	
C 663	8515-911-040	FKP1 220PF 10% 1600V	
C 665 △	8660-098-234	SI-KERKO B-SS 1000PF 20%	
C 666	8515-912-063	FKP1 0,033UF 20% 630V	
C 671	8515-911-038	FKP1 100PF 10% 1600V	
C 673	8625-897-762	SSPN 4700PF +50-20% 400V	
C 674	8650-067-046	HV-KERKO 100PF 20% 1KV	
C 679	8452-996-147	ELKO CB 1000UF 25V	
C 681	8650-067-046	HV-KERKO 100PF 20% 1KV	
C 691	8650-067-046	HV-KERKO 100PF 20% 1KV	
C 692	8452-097-057	ELKO CB 1000UF 63V	
C 699	8452-996-107	ELKO CB 2200UF 16V	
C 6001	8511-793-047	MP 3 0,47 UF 20% 250VW	
C 6002	8511-793-045	MP 3 0,33 UF 20% 250VW	
C 6009	8563-732-425	KF 25 0,1 UF 20% 250VW	
CBR 1S	8706-297-000	R-CHIP 1206 JUMPER	
CC 7508	8672-267-179	KEFQ 1206 0,047UF 10%	
CC 7532	8672-267-195	KEFQ 1206 0,22 UF 10% 25V	
CC 7536	8672-160-142	KEFQ 0805 470PF 5%	
CC 7538	8672-160-142	KEFQ 0805 470PF 5%	
CC 7541	8672-160-142	KEFQ 0805 470PF 5%	
CC 7543	8672-160-142	KEFQ 0805 470PF 5%	
CC 7547	8672-160-142	KEFQ 0805 470PF 5%	
CC 7551	8672-160-142	KEFQ 0805 470PF 5%	
CC 7554	8672-160-142	KEFQ 0805 470PF 5%	
CC 7557	8672-160-142	KEFQ 0805 470PF 5%	
CC 7561	8672-267-179	KEFQ 1206 0,047UF 10%	
CC 7563	8672-259-122	KEFQ 1206 10PF 5%	
CC 7568	8672-267-179	KEFQ 1206 0,047UF 10%	
CC 7576	8672-267-179	KEFQ 1206 0,047UF 10%	
CC 7594	8672-267-179	KEFQ 1206 0,047UF 10%	
CC 7616	8672-267-187	KEFQ 1206 0,1 UF 10%	
CC 7618	8672-267-179	KEFQ 1206 0,047UF 10%	
CC 7620	8672-267-179	KEFQ 1206 0,047UF 10%	
CC 7622	8672-267-179	KEFQ 1206 0,047UF 10%	
CC 7627	8672-259-016	KEFQ 1206 3,3PF	
CC 7633	8672-267-187	KEFQ 1206 0,1 UF 10%	
CC 7643	8672-267-187	KEFQ 1206 0,1 UF 10%	
CC 7661	8672-267-179	KEFQ 1206 0,047UF 10%	
CC 7665	8672-267-187	KEFQ 1206 0,1 UF 10%	
CC 7667	8672-267-179	KEFQ 1206 0,047UF 10%	
CC 7673	8672-267-179	KEFQ 1206 0,047UF 10%	
CC 7681	8672-267-179	KEFQ 1206 0,047UF 10%	
CC 7682	8672-267-163	KEFQ 1206 0,01 UF 10%	
CC 7688	8672-259-018	KEFQ 1206 4,7PF	
CC 7691	8672-267-187	KEFQ 1206 0,1 UF 10%	
CC 7693	8672-267-179	KEFQ 1206 0,047UF 10%	
CC 7694	8672-267-139	KEFQ 1206 1000PF 10%	
CC 7696	8672-267-187	KEFQ 1206 0,1 UF 10%	
CD 7513	8325-004-148	SMD DIODE LS 4148	
CD 7613	8325-004-148	SMD DIODE LS 4148	
CD 7616	8325-004-148	SMD DIODE LS 4148	
CD 7694	8325-004-148	SMD DIODE LS 4148	
CD 7696	8325-004-148	SMD DIODE LS 4148	

POS. NR. POS. NO.	SACHNUMMER PART NUMBER	BEZEICHNUNG DESCRIPTION	(D) (GB)
CR 7501	8706-297-049	R-CHIP 1206 100 OHM 5%	
CR 7502	8706-297-089	R-CHIP 1206 4,7 KOHM 5%	
CR 7504	8706-297-009	R-CHIP 1206 2,2 OHM 5%	
CR 7505	8706-100-041	R-CHIP 0805 47 OHM 5%	
CR 7506	8706-297-093	R-CHIP 1206 6,8 KOHM 5%	
CR 7507	8706-297-080	R-CHIP 1206 2 KOHM 5%	
CR 7508	8706-297-093	R-CHIP 1206 6,8 KOHM 5%	
CR 7509	8706-297-000	R-CHIP 1206 JUMPER	
CR 7510	8706-100-041	R-CHIP 0805 47 OHM 5%	
CR 7511	8706-297-041	R-CHIP 1206 47 OHM 5%	
CR 7512	8706-297-046	R-CHIP 1206 75 OHM 5%	
CR 7513	8706-297-046	R-CHIP 1206 75 OHM 5%	
CR 7514	8706-297-046	R-CHIP 1206 75 OHM 5%	
CR 7515	8706-100-041	R-CHIP 0805 47 OHM 5%	
CR 7516	8706-297-000	R-CHIP 1206 JUMPER	
CR 7517	8706-297-046	R-CHIP 1206 75 OHM 5%	
CR 7518	8706-297-046	R-CHIP 1206 75 OHM 5%	
CR 7519	8706-297-046	R-CHIP 1206 75 OHM 5%	
CR 7520	8706-100-041	R-CHIP 0805 47 OHM 5%	
CR 7521	8706-297-000	R-CHIP 1206 JUMPER	
CR 7522	8706-297-041	R-CHIP 1206 47 OHM 5%	
CR 7523	8706-297-046	R-CHIP 1206 75 OHM 5%	
CR 7524	8706-297-121	R-CHIP 1206 100 KOHM 5%	
CR 7525	8706-100-041	R-CHIP 0805 47 OHM 5%	
CR 7526	8706-297-073	R-CHIP 1206 1 KOHM 5%	
CR 7527	8706-297-045	R-CHIP 1206 68 OHM 5%	
CR 7528	8706-297-000	R-CHIP 1206 JUMPER	
CR 7529	8706-297-000	R-CHIP 1206 JUMPER	
CR 7531	8706-297-046	R-CHIP 1206 75 OHM 5%	
CR 7532	8706-297-046	R-CHIP 1206 75 OHM 5%	
CR 7533	8706-297-095	R-CHIP 1206 8,2 KOHM 5%	
CR 7534	8706-297-083	R-CHIP 1206 2,7 KOHM 5%	
CR 7536	8706-297-113	R-CHIP 1206 47 KOHM 5%	
CR 7537	8706-100-065	R-CHIP 0805 470 OHM 5%	
CR 7538	8706-297-065	R-CHIP 1206 470 OHM 5%	
CR 7539	8706-297-065	R-CHIP 1206 470 OHM 5%	
CR 7541	8706-297-065	R-CHIP 1206 470 OHM 5%	
CR 7542	8706-297-000	R-CHIP 1206 JUMPER	
CR 7544	8706-297-046	R-CHIP 1206 75 OHM 5%	
CR 7546	8706-297-095	R-CHIP 1206 8,2 KOHM 5%	
CR 7547	8706-297-083	R-CHIP 1206 2,7 KOHM 5%	
CR 7548	8706-297-113	R-CHIP 1206 47 KOHM 5%	
CR 7549	8706-100-065	R-CHIP 0805 470 OHM 5%	
CR 7551	8706-297-065	R-CHIP 1206 470 OHM 5%	
CR 7552	8706-297-000	R-CHIP 1206 JUMPER	
CR 7554	8706-297-065	R-CHIP 1206 470 OHM 5%	
CR 7556	8706-297-000	R-CHIP 1206 JUMPER	
CR 7557	8706-297-065	R-CHIP 1206 470 OHM 5%	
CR 7558	8706-297-000	R-CHIP 1206 JUMPER	
CR 7559	8706-297-073	R-CHIP 1206 1 KOHM 5%	
CR 7561	8706-297-009	R-CHIP 1206 2,2 OHM 5%	
CR 7562	8706-297-074	R-CHIP 1206 1,1 KOHM 5%	
CR 7563	8706-297-084	R-CHIP 1206 3 KOHM 5%	
CR 7564	8706-297-069	R-CHIP 1206 680 OHM 5%	
CR 7566	8706-297-077	R-CHIP 1206 1,5 KOHM 5%	
CR 7569	8706-297-000	R-CHIP 1206 JUMPER	
CR 7571	8706-297-046	R-CHIP 1206 75 OHM 5%	
CR 7572	8706-297-073	R-CHIP 1206 1 KOHM 5%	
CR 7573	8706-297-045	R-CHIP 1206 68 OHM 5%	
CR 7574	8706-297-049	R-CHIP 1206 100 OHM 5%	
CR 7576	8706-297-049	R-CHIP 1206 100 OHM 5%	
CR 7578	8706-297-000	R-CHIP 1206 JUMPER	
CR 7582	8706-297-000	R-CHIP 1206 JUMPER	
CR 7583	8706-297-089	R-CHIP 1206 4,7 KOHM 5%	
CR 7584	8706-297-089	R-CHIP 1206 4,7 KOHM 5%	
CR 7586	8706-297-049	R-CHIP 1206 100 OHM 5%	
CR 7587	8706-297-049	R-CHIP 1206 100 OHM 5%	
CR 7589	8706-297-000	R-CHIP 1206 JUMPER	
CR 7591	8706-297-000	R-CHIP 1206 JUMPER	
CR 7592	8706-297-065	R-CHIP 1206 470 OHM 5%	

ÄNDERUNGEN VORBEHALTEN

SUBJECT TO ALTERATION

POS. NR. POS. NO.	SACHNUMMER PART NUMBER	BEZEICHNUNG DESCRIPTION	
CR 7593	8706-297-041	R-CHIP 1206 47 OHM 5%	
CR 7601	8706-297-046	R-CHIP 1206 75 OHM 5%	
CR 7602	8706-297-046	R-CHIP 1206 75 OHM 5%	
CR 7603	8706-297-000	R-CHIP 1206 JUMPER	
CR 7604	8706-297-046	R-CHIP 1206 75 OHM 5%	
CR 7606	8706-297-079	R-CHIP 1206 1,8 KOHM 5%	
CR 7607	8706-297-139	R-CHIP 1206 560 KOHM 5%	
CR 7608	8706-297-079	R-CHIP 1206 1,8 KOHM 5%	
CR 7611	8706-297-073	R-CHIP 1206 1 KOHM 5%	
CR 7612	8706-297-139	R-CHIP 1206 560 KOHM 5%	
CR 7613	8706-297-000	R-CHIP 1206 JUMPER	
CR 7614	8706-297-000	R-CHIP 1206 JUMPER	
CR 7616	8706-297-103	R-CHIP 1206 18 KOHM 5%	
CR 7617	8706-297-103	R-CHIP 1206 18 KOHM 5%	
CR 7618	8706-297-097	R-CHIP 1206 10 KOHM 5%	
CR 7619	8706-297-000	R-CHIP 1206 JUMPER	
CR 7621	8706-297-113	R-CHIP 1206 47 KOHM 5%	
CR 7622	8706-297-000	R-CHIP 1206 JUMPER	
CR 7623	8706-297-079	R-CHIP 1206 1,8 KOHM 5%	
CR 7624	8706-297-073	R-CHIP 1206 1 KOHM 5%	
CR 7626	8706-297-073	R-CHIP 1206 1 KOHM 5%	
CR 7627	8706-297-079	R-CHIP 1206 1,8 KOHM 5%	
CR 7628	8706-297-069	R-CHIP 1206 680 OHM 5%	
CR 7629	8706-297-073	R-CHIP 1206 1 KOHM 5%	
CR 7631	8706-297-081	R-CHIP 1206 2,2 KOHM 5%	
CR 7632	8706-297-069	R-CHIP 1206 680 OHM 5%	
CR 7633	8706-297-103	R-CHIP 1206 18 KOHM 5%	
CR 7634	8706-297-103	R-CHIP 1206 18 KOHM 5%	
CR 7636	8706-297-097	R-CHIP 1206 10 KOHM 5%	
CR 7643	8706-297-121	R-CHIP 1206 100 KOHM 5%	
CR 7644	8706-297-000	R-CHIP 1206 JUMPER	
CR 7661	8706-297-121	R-CHIP 1206 100 KOHM 5%	
CR 7663	8706-297-000	R-CHIP 1206 JUMPER	
CR 7664	8706-297-000	R-CHIP 1206 JUMPER	
CR 7665	8706-100-041	R-CHIP 0805 47 OHM 5%	
CR 7666	8706-297-121	R-CHIP 1206 100 KOHM 5%	
CR 7667	8706-297-121	R-CHIP 1206 100 KOHM 5%	
CR 7668	8706-297-121	R-CHIP 1206 100 KOHM 5%	
CR 7669	8706-297-041	R-CHIP 1206 47 OHM 5%	
CR 7672	8706-100-000	R-CHIP 0805 JUMPER	
CR 7673	8706-297-046	R-CHIP 1206 75 OHM 5%	
CR 7674	8706-297-065	R-CHIP 1206 470 OHM 5%	
CR 7676	8706-297-046	R-CHIP 1206 75 OHM 5%	
CR 7677	8706-297-000	R-CHIP 1206 JUMPER	
CR 7678	8706-297-121	R-CHIP 1206 100 KOHM 5%	
CR 7679	8706-297-097	R-CHIP 1206 10 KOHM 5%	
CR 7681	8706-297-103	R-CHIP 1206 18 KOHM 5%	
CR 7682	8706-297-113	R-CHIP 1206 47 KOHM 5%	
CR 7683	8706-297-054	R-CHIP 1206 160 OHM 5%	
CR 7684	8706-297-053	R-CHIP 1206 150 OHM 5%	
CR 7686	8706-297-095	R-CHIP 1206 8,2 KOHM 5%	
CR 7687	8706-297-073	R-CHIP 1206 1 KOHM 5%	
CR 7688	8706-297-081	R-CHIP 1206 2,2 KOHM 5%	
CR 7691	8706-297-145	R-CHIP 1206 1 MOHM 5%	
CR 7692	8706-297-073	R-CHIP 1206 1 KOHM 5%	
CR 7693	8706-297-053	R-CHIP 1206 150 OHM 5%	
CR 7694	8706-297-097	R-CHIP 1206 10 KOHM 5%	
CR 7696	8706-297-093	R-CHIP 1206 6,8 KOHM 5%	
CR 7697	8706-297-145	R-CHIP 1206 1 MOHM 5%	
CR 7698	8706-297-054	R-CHIP 1206 160 OHM 5%	
CR 7699	8706-297-053	R-CHIP 1206 150 OHM 5%	
CT 7501	8301-002-858	SMD-TRANS.BC 858 A	
CT 7505	8301-000-848	SMD-TRANS.BC 848	
CT 7560	8301-000-858	SMD-TRANS.BC 858	
CT 7565	8301-006-848	SMD-TRANS.BC 848 C	
CT 7570	8301-000-848	SMD-TRANS.BC 848	
CT 7575	8301-000-848	SMD-TRANS.BC 848	
CT 7590	8301-004-848	SMD-TRANS.BC 848 B	
CT 7610	8301-006-848	SMD-TRANS.BC 848 C	

POS. NR. POS. NO.	SACHNUMMER PART NUMBER	BEZEICHNUNG DESCRIPTION	
CT 7615	8301-006-848	SMD-TRANS.BC 848 C	
CT 7620	8301-000-858	SMD-TRANS.BC 858	
CT 7621	8301-006-848	SMD-TRANS.BC 848 C	
CT 7623	8301-000-858	SMD-TRANS.BC 858	
CT 7625	8301-000-848	SMD-TRANS.BC 848	
CT 7630	8301-000-848	SMD-TRANS.BC 848	
CT 7631	8301-000-858	SMD-TRANS.BC 858	
CT 7633	8301-000-858	SMD-TRANS.BC 858	
CT 7634	8301-000-848	SMD-TRANS.BC 848	
CT 7635	8301-000-858	SMD-TRANS.BC 858	
CT 7670	8301-000-858	SMD-TRANS.BC 858	
CT 7675	8301-000-858	SMD-TRANS.BC 858	
CT 7680	8301-000-848	SMD-TRANS.BC 848	
CT 7681	8301-000-858	SMD-TRANS.BC 858	
CT 7682	8301-000-848	SMD-TRANS.BC 848	
CT 7686	8301-000-848	SMD-TRANS.BC 848	
CT 7691	8301-000-848	SMD-TRANS.BC 848	
CT 7692	8301-000-848	SMD-TRANS.BC 848	
CT 7696	8301-004-848	SMD-TRANS.BC 848 B	
D 335	8309-198-542	DIODE BAT 42/43/BAT 85/86	
D 336	8309-198-542	DIODE BAT 42/43/BAT 85/86	
D 338	8309-720-333	Z DIODE 33 C 0,5W	
D 342	8309-215-045	DIODE 1 N 4148	
D 343	8309-215-045	DIODE 1 N 4148	
D 344	8309-720-112	Z DIODE 12 C 0,5W	
D 346	8309-215-045	DIODE 1 N 4148	
D 351	8309-720-131	Z DIODE 13 B 0,5W	
D 355	8309-720-052	Z DIODE 5,1 C 0,5W	
D 403	8309-720-056	Z DIODE 5,6 C 0,5W	
D 413	8309-516-283	DIODE BYV 28-200 RA 12,5/	
D 502	8309-215-006	DIODE 1 N 4001 -GA	
D 504	8309-214-010	DIODE TD 129 -GA	
D 525	8309-215-466	DIODE 1 N 4936	
D 529	8309-516-038	DIODE BYV 38 TFK	
D 536	8309-720-052	Z DIODE 5,1 C 0,5W	
D 541	8309-200-021	DIODE BAV 21 ITT	
D 543	8309-215-045	DIODE 1 N 4148	
D 544	8309-215-045	DIODE 1 N 4148	
D 545	8309-215-045	DIODE 1 N 4148	
D 571	8309-204-359	DIODE BY 359	
D 572	8309-204-230	DIODE BY 229-600	
D 577	8309-204-015	DIODE BY 203 S-20 TFK	
D 617	8309-215-006	DIODE 1 N 4001 -GA	
D 630	8308-560-520	GLR.B 380 C 3700/2200	
D 658	8309-516-272	DIODE BYV 27/200	
D 662	8309-516-754	DIODE BYT 53 B TFK	
D 666	8309-820-880	DIODE MUR 880	
D 667	8309-820-840	DIODE MUR 840/BYV 29-400/	
D 671	8309-820-880	DIODE MUR 880	
D 676	8309-820-840	DIODE MUR 840/BYV 29-400/	
D 681	8309-820-840	DIODE MUR 840/BYV 29-400/	
D 691	8309-820-840	DIODE MUR 840/BYV 29-400/	
D 6012	8308-524-050	GLR.B 40 C 500 SI/SI-M GI	
IC 410	8305-344-173	IC TDA 4173 AF	
IC 610	8305-204-317	IC LM 317 T NSC/MOT/	
IC 630	8305-354-605	IC TDA 4605/3	
IC 650	8305-301-763	IC TAA 765 A	
IC 678	8305-204-317	IC LM 317 T NSC/MOT/	
IC 688	8305-204-317	IC LM 317 T NSC/MOT/	
IC 690	8305-204-350	IC LM 350 T	
IC 7510	8305-205-551	IC MC 14551 B CP MOT	
IC 7560	8305-366-420	IC TEA 6420 SGS	
IC 7660	8305-366-415	IC TEA 6415 B	
L 336	8140-526-451	DR AX 0411-GA 8,2UH	
L 337	8140-525-976	DR AX 0411-GA 120UH	

ÄNDERUNGEN VORBEHALTEN

SUBJECT TO ALTERATION

POS. NR. POS. NO.	SACHNUMMER PART NUMBER	BEZEICHNUNG DESCRIPTION
		 
L 366	09241-035.97	STABKERNDROSSEL
L 521	29203-122.97	LINEARITAETSREGLER (70CM)
L 526	09240-114.04	DROSSEL 1,5 MH
L 562	09245-816.01	O/W AUSKOPPELSPULE
L 570	8104-982-056	FERRITPERLE HF 70 BTL
L 571	8104-982-056	FERRITPERLE HF 70 BTL
L 572	8104-982-056	FERRITPERLE HF 70 BTL
L 573	09246-859.25	BRUECKENSPULE M.KERN
WW.	09246-859.55	BRUECKENSPULE M.KERN
L 651	8104-982-058	FERRITPERLE-GA 1,7UH
L 663	29701-739.08	DAEMPFUNGSERLE
L 667	8104-982-058	FERRITPERLE-GA 1,7UH
L 668	8104-982-058	FERRITPERLE-GA 1,7UH
L 671	8104-982-058	FERRITPERLE-GA 1,7UH
L 674	8104-982-058	FERRITPERLE-GA 1,7UH
L 679	09240-815.01	DROSSEL 19,5 UH
WW.	09240-815.51	DROSSEL 19,5 UH
L 689	29500-817.97	FUNKENTSTOERDROSSEL
L 691	8104-982-058	FERRITPERLE-GA 1,7UH
L 6001	29500-809.97	FUNKENTSTOERDR.
OK637 	8306-000-012	OPTOKOPPLER CNY 17 F1
OK646 	8306-000-012	OPTOKOPPLER CNY 17 F1
R 337 	8705-279-107	MOW AX 0922-GA 27 KOHM
R 355 	8766-302-087	MSW AX 0207 3,9 KOHM
R 371 	8701-118-001	KSW SI B 1 OHM 5% -GA
R 407 	8765-044-073	MSW AX 0414-GA 1 KOHM
R 408 	8765-098-206	MSW AX 0207-GA 1,6 OHM
R 501 	8705-227-017	MOW AX 0411-GA 4,7 OHM
R 502 	8705-269-005	MOW AX 0617-GA 1,5 OHM
R 504 	8730-149-039	DRW 4 ST 39 OHM 5%
R 523 	8705-269-257	MOW AX 0617-GA 220 OHM
R 524 	8735-003-022	DW 0,22 OHM 10%
R 525 	8735-003-033	DW 0,75W 0,33 OHM 10%
R 528 	8705-221-225	MOW AX 0411-GA 10 OHM
R 534 	8705-221-225	MOW AX 0411-GA 10 OHM
R 551 	8705-610-133	MOW AX 0617 330 KOHM 5%
R 552 	8705-610-133	MOW AX 0617 330 KOHM 5%
R 553 	8705-610-133	MOW AX 0617 330 KOHM 5%
R 571 	8701-230-817	NKS 3 4,7 OHM 5% ROE
R 572 	8700-007-405	KSW AX 0207-GA 1,5 OHM
R 573 	8700-007-405	KSW AX 0207-GA 1,5 OHM
R 576 	8705-269-017	MOW AX 0617-GA 4,7 OHM
R 577 	8735-003-273	DRW 0,75W 1 KOHM 10%
R 623 	8705-329-127	MOW LI 0411 180 KOHM 5%
R 654	8790-050-051	ESTR.SK10-A 10 KOHM LIN
R 663 	8705-369-113	MOW LI 0617 47 KOHM 5%
R 665 	8766-349-155	MSW LI 0414 2,7 MOHM
R 667 	8735-002-013	DRW 2 W 0,1 OHM 10%
R 671 	8705-329-321	MOW LI 0411 100 KOHM 10%
R 673	8790-050-025	ESTR.SK10-A 470 OHM LIN
R 683	8790-050-017	ESTR.SK10-A 220 OHM LIN
R 689 	8705-369-079	MOW LI 0617 1,8 KOHM 5%

POS. NR. POS. NO.	SACHNUMMER PART NUMBER	BEZEICHNUNG DESCRIPTION
		 
R 697	8790-050-017	ESTR.SK10-A 220 OHM LIN
R 6003	8311-005-017	NTC 4,7 OHM 30%
R 6009	8311-200-010	DUO-PTC
R 7503 	8701-118-021	KSW SI B 6,8 OHM 5% -GA
SI 331 	8315-618-200	LOET-SI.-GR 1 A/T
SI 630 	8315-620-225	LOET-SI.-GR 2 A/T
SI 651 	8315-622-025	LOET-SI.-GR 3,15 A/T
SI 661 	8315-622-025	LOET-SI.-GR 3,15 A/T
SI 671 	8315-623-008	LOET-SI.-GR 4 A/T
SI 6001 	8315-622-503	FS.3,15 A/T H 250V
T 344	8303-205-548	TRANS.BC 548 B
T 351	8303-275-337	TRANS.BC 337-40
T 356	8303-205-548	TRANS.BC 548 B
T 420	8302-210-543	TRANS.BD 537 SGS
T 421	8302-210-544	TRANS.BD 538
T 504	8302-218-043	TRANS.BDX 43
T 572	8302-624-542	TRANS.2 SC 4542
T 639	8303-205-548	TRANS.BC 548 B
T 644	8302-805-050	TRANS.IRF PC 50
T 646	8303-205-548	TRANS.BC 548 B
TR 501 	09245-812.31	TREIBER-UEBERTRAGER
TR 526 	29201-025.16	ZEILENTRAFO
TR 651 	29201-412.97	TRAFO SPERRWANDLER KPL
TR6010 	09032-301.02	NETZTRAFO
TR6111 	29201-383.97	UEBERTRAGER EF20

Es gelten die Vorschriften und Sicherheitshinweise gemäß dem Service Manual "Sicherheit", Sach-Nummer 72010-800.00, sowie zusätzlich die eventuell abweichenden, landesspezifischen Vorschriften!



The regulations and safety instructions shall be valid as provided by the "Safety" Service Manual, part number 72010-800.00, as well as the respective national deviations.

GRUNDIGErsatzteilliste
Spare Parts List

D Btx * 32700 #

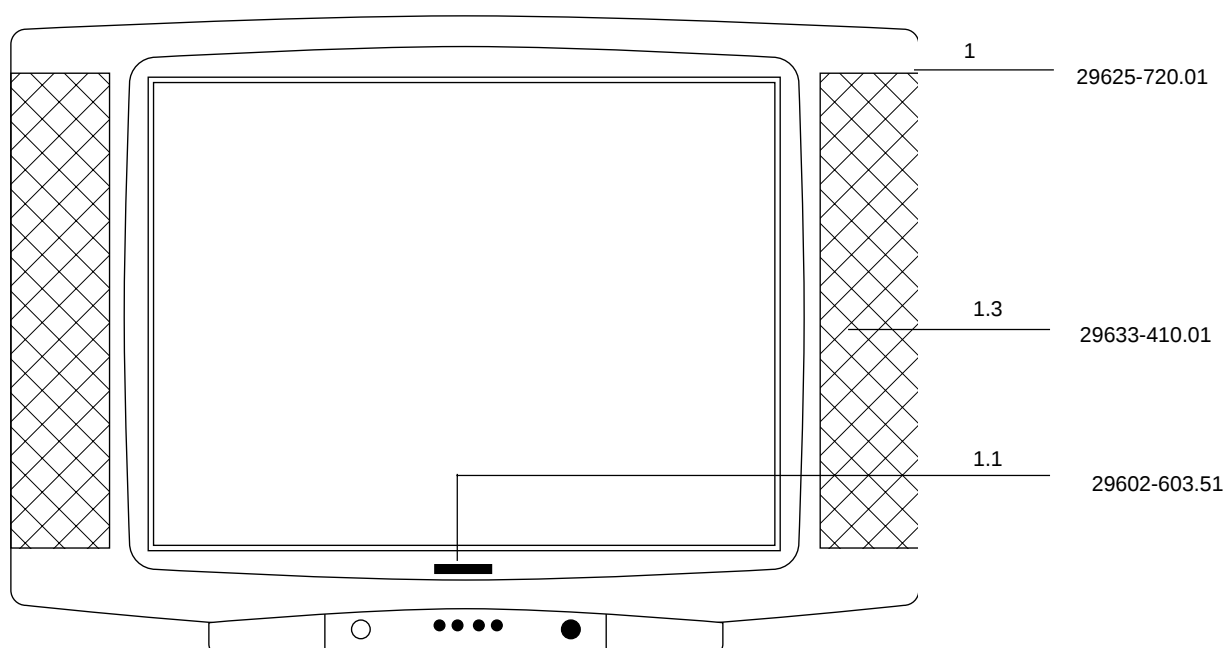
1 / 95

BOSTON ST 170 IDTV

SACH-NR. / PART NO.: 9.21388-01.91
BESTELL-NR. / ORDER NO.: G.CB 4091 GRAPHIT DKL.

POS. NR. POS. NO.	ABB. NR. FIG. NO.	SACHNUMMER PART NUMBER	ANZ. QUA.	BEZEICHNUNG D	DESCRIPTION GB
0001.000		29625-720.01		GEHAEUSE DRUCK KPL	HOUSING
0001.100		29602-603.51		GRUNDIG-EMBLEM	GRUNDIG EMBLEM
0001.200		29608-864.01	4	SOCKELEINLAGE	BASE INSERT
0001.300		29633-410.01	2	GITTER	GRILLE
0003.000		29633-417.01		IR-FENSTER	IR WINDOW
0006.000		29628-607.01	2	CHASSISBEFESTIGUNG	CHASSIS FASTENING
0008.000		19136-008.97	2	LAUTSPRECHER	LOUDSPEAKER
0009.000		29631-705.01		RUECKTEIL OFB	REAR PANEL
0010.000		29617-823.14		AUFKLEBER TYPE	ADHESIVE LABEL;STICKER
		29656-003.65		MONTAGE-ZUBEHOER F. BILDRÖHRE KEIN E-TEIL	MOUNTING ACCESSORIES FOR CRT NO SPARE PART
0021.000		29607-219.01	8	SPULENHAKEN	COIL HOOK
0024.000	⚠	09246-191.75		ENTMAGNETISIERUNGSSPULE	DEGAUSING COIL
0025.000	⚠	8300-030-436		BILDR.A 66 EAK 71X44 PHI	PICT.TUBE A 66 EAK 71X44
0030.000		29501-080.96		BEDIENEINHEIT (DIGI 5)	CONTROL UNIT (DIGI 5)
0030.100		29303-168.05		CINCHBUCHSE 3-FACH	CHINCH SOCKET
0030.200		29303-390.42		KOPFHOERERBUCHSE STEREO	HEADPHONE SOCKET STEREO
0030.600	⚠	29703-291.32		NETZSCHALTER	POWER SWITCH
0030.700		29703-357.01	4	TASTSCHALTER	TACT SWITCH
0034.000		29501-591.01		TASTENSATZ MIT RAHMEN	KEYS SET WITH FRAME
0045.000		29628-679.01		ZUGENTLASTUNG	STRESS RELIEF
0046.000		29633-437.01		ABDECKUNG	COVER
0047.000		29633-250.01		TASTENKNOPF NETZ	KEY BUTTON
0049.000		29642-059.01		TELEPILOT TP 760	TP 760
		29305-022.37	X	BILDROHRPLATTE	PICTURE TUBE BOARD
		29701-085.25	X	COLOR-EINBAUCHASSIS CUC 1824 DIGI 5 KEIN E-TEIL	COLOR TV CHASSIS CUC 1824 DIGI 5 NO SPARE PART
				X = SIEHE GESONDERTE. E-LISTE	X = SEE SEPARATE PARTS LIST
C 1824		8668-203-023		ABBLOCK-C 0,1 UF -GR	
D 1806		8309-966-100		LE DIODE TLDR 4100 TFK	
IC 1800		8305-367-530		IC TFMS 5300	
L 1821		8140-526-400		DR AX 0411-GA 100UH	
L 1822		8140-526-400		DR AX 0411-GA 100UH	
R 1850	⚠	8765-049-157		MSW AX 0414-GA 3,3 MOHM	

BOSTON ST 170 IDTV



Es gelten die Vorschriften und Sicherheitshinweise gemäß dem Service Manual "Sicherheit", Sach-Nummer 72010-800.00, sowie zusätzlich die eventuell abweichenden, landesspezifischen Vorschriften!



The regulations and safety instructions shall be valid as provided by the "Safety" Service Manual, part number 72010-800.00, as well as the respective national deviations.

GRUNDIG

Ersatzteilliste Spare Parts List



D Btx ✱ 32700 #

1 / 95

SE 7088 IDTV

SACH-NR. / PART NO.: 9.21389-0192
BESTELL-NR. / ORDER NO.: GCB 3992 DKL.MET.

POS. NR. POS. NO.	ABB. NR. FIG. NO.	SACHNUMMER PART NUMBER	ANZ. QUA.	BEZEICHNUNG D	DESCRIPTION GB
0001.000 0001.100 0001.200 0001.300 0003.000 0006.000 0007.000 0008.000 0009.000		29625-718.01 29602-603.51 29608-864.01 29633-410.01 29633-417.01 29628-607.01 19136-008.97 29631-705.03 29617-822.14	4 2 2 2 2	GEHAEUSE DRUCK KPL. GRUNDIG-EMBLEM SOCKELEINLAGE GITTER IR-FENSTER CHASSISBEFESTIGUNG LAUTSPRECHER RUECKWAND AUFKLEBER TYPE	CABINET COMP. CPL. GRUNDIG EMBLEM BASE INSERT GRILLE IR WINDOW CHASSIS FASTENING LOUDSPEAKER REAR PANEL ADHESIVE LABEL;STICKER
		29656-003.65		MONTAGE-ZUBEHOER F. BILDROHR KEIN E-TEIL	MOUNTING ACCESSORIES FOR CRT NO SPARE PART
0021.000 0024.000 0025.000 0029.000 0030.000 0030.100 0030.200 0030.300 0030.400 0032.000 0034.000 0046.000 0049.000	⚠ ⚠ ⚠ ⚠ ⚠ ⚠ ⚠ ⚠ ⚠ ⚠ ⚠ ⚠ ⚠	29607-219.01 09246-191.75 8300-030-436 29628-679.01 29501-080.96 29303-168.05 29303-390.42 29703-291.32 29703-357.01 29633-250.01 29501-591.01 29633-437.01 29642-059.01 29305-022.37	8 4 4 X X	SPULENHAKEN ENTMAGNETISIERUNGSSPULE BILDR.A 66 EAK 71X44 PHI ZUGENTLASTUNG BEDIENEINHEIT (DIGI 5) CINCHBUCHSE 3-FACH KOPFHOERERBUCHSE STEREO NETZSCHALTER TASTSCHALTER KEYBOARDPLATE TASTENKNOPF NETZ TASTENSATZ MIT RAHMEN ABDECKUNG TELEPILOT TP 760 BILDROHRPLATTE	COIL HOOK DEGAUSING COIL PICT.TUBE A 66 EAK 71X44 STRESS RELIEF CONTROL UNIT CHINCH SOCKET HEADPHONE SOCKET STEREO POWER SWITCH TACT SWITCH KEYBOARD PCB KEY BUTTON KEYS SET WITH FRAME COVER TP 760 PICTURE TUBE BOARD
		29701-085.25	X	COLOR-EINBAUCHASSIS CUC 1824 KEIN E-TEIL	COLOR TV CHASSIS CUC 1824 MO SPARE PART
				X = SIEHE GESONDERTE E-LISTE	X = SEE SEPARATE PARTS LIST
C 1824		8668-203-023		ABBLOCK-C 0,1 UF -GR	
D 1806		8309-966-100		LE DIODE TLDR 4100 TFK	
IC 1800		8305-367-530		IC TFMS 5300	
L 1821 L 1822		8140-526-400 8140-526-400		DR AX 0411-GA 100UH DR AX 0411-GA 100UH	
R 1850	⚠	8765-049-157		MSW AX 0414-GA 3,3 MOHM	

Es gelten die Vorschriften und Sicherheitshinweise gemäß dem Service Manual "Sicherheit", Sach-Nummer 72010-800.00, sowie zusätzlich die eventuell abweichenden, landesspezifischen Vorschriften!



The regulations and safety instructions shall be valid as provided by the "Safety" Service Manual, part number 72010-800.00, as well as the respective national deviations.

SE 7088 IDTV

