

Service Manual

TV

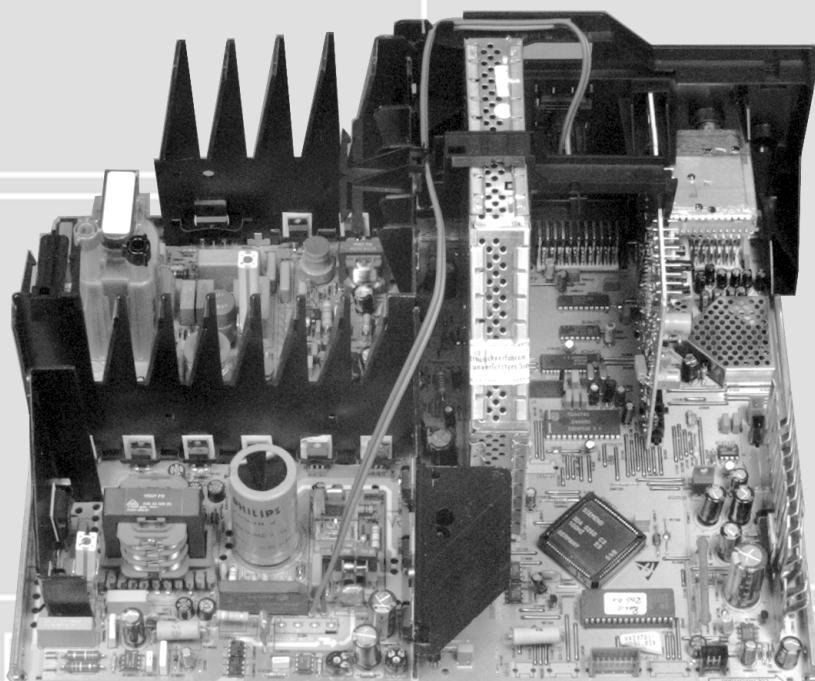
CUC 1825

CUC 1826

ST 70-278 IDTV

ST 63-270/8 IDTV

**M 72-270/8 IDTV/LOG
Elegance**



Zusätzlich erforderliche
Unterlagen für den Komplettservice

Additionally required
Service Manuals for the Complete Service

Ergänzung
Supplement

6

Sach-Nr./Part No.
72010 019 3600

**Service
Manual**

**CUC 1825
CUC 1826**

Sach-Nr./Part No.
72010-019.30

Ergänzung
Supplement

1...3

Sach-Nr./Part No.
72010-019.31...33

**Service
Manual**

**Sicherheit
Safety**

Sach-Nr./Part No.
72010-800.00

Btx * 32700 #

Sachnummer
Part Number 72010 019 3600

Änderungen vorbehalten
Subject to alteration

Printed in Germany
VK221 0398

D

Für diese Geräte gilt das Service Manual CUC 1825 / CUC 1826.
Diese Ergänzung dokumentiert die Unterschiede bzw. zusätzlichen
Bestückungen der Geräte.

Die Modulübersicht und die Sachnummern der einzelnen Bausteine
entnehmen Sie bitte der Tabelle auf dieser Seite.

Grundlage für den Service sind:

- Service Manual "Sicherheit" (Sach-Nr. 72010-800.00)
- Service Manual CUC 1825 / CUC 1826 (Sach-Nr. 72010-019.30)
- 1. Ergänzung CUC 1826 / 1827 (Sach-Nr. 72010-019.31)
- 2. Ergänzung CUC 1805 / 1825 / 1826 (Sach-Nr. 72010-019.32)
- 3. Ergänzung CUC 1825 / 1826 (Sach-Nr. 72010-019.33)

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GB

For these TV sets the Service Manual CUC 1825 / CUC 1826 is
applicable.

This Manual describes the differences and the additionally fitted
modules of the TV receivers.

The Module List and the relevant part numbers are listed in the table
on this page.

Basic instructions for servicing are given in the:

- Service Manual "Safety" (Part No. 72010-800.00)
- Service Manual CUC 1825 / CUC 1826 (Part No. 72010-019.30)
- 1st Supplement CUC 1826 / 1827 (Part No. 72010-019.31)
- 2nd Supplement CUC 1805 / 1825 / 1826 (Part No. 72010-019.32)
- 3rd Supplement CUC 1825 / CUC 1826 (Part No. 72010-019.33)

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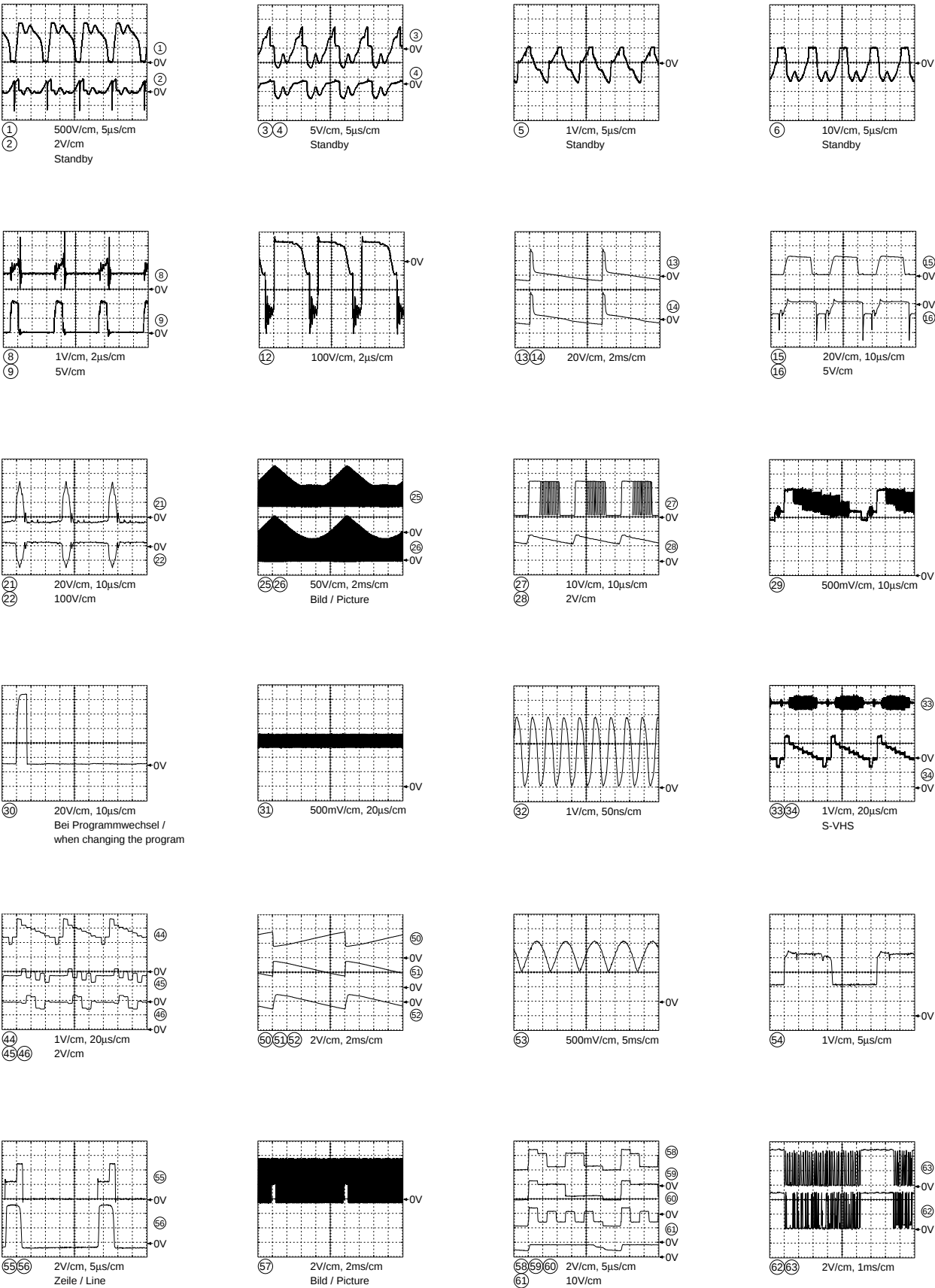
Modulübersicht / Module List

	M 72-270/8 IDTV/LOG Elegance	ST 70-278 IDTV	ST 63-270/8 IDTV
Bestell-Nr. Order No.	G.CH 3626	G.CH 0675	G.CG 1681
Chassis	29701-096.12	29701-096.01	29701-096.04
Tuner	29504-201.31 ww 29504-201.21	29504-201.31 ww 29504-201.21	29504-201.31 ww 29504-201.21
Signal-Baustein Signal Module	29504-162.34 ww 29524-162.34	29504-102.34 ww 29524-102.34	29504-162.34 ww 29524-162.34
Bildrohrplatte CRT Panel	29305-122.10	29305-122.04	29305-122.04
Bedieneinheit Control Unit	–	29501-082.63	29501-082.63
Fernbedienung Remote Control	29642-061.01 TP 800	29642-061.01 TP 800	29642-061.01 TP 800
Feature-Box	29504-103.37 ww 29524-103.37	29504-103.37 ww 29524-103.37	29504-103.37 ww 29524-103.37
Netzschalterplatte Mains Switch Panel	29305-165.65	–	–
Netzentstörplatte Mains Interference Elimination Board	29305-150.04	–	–
SAT Module nachrüstbar/ retrofitable	29504-106.24	29504-106.24	29504-106.24

Technische Daten / Technical Data

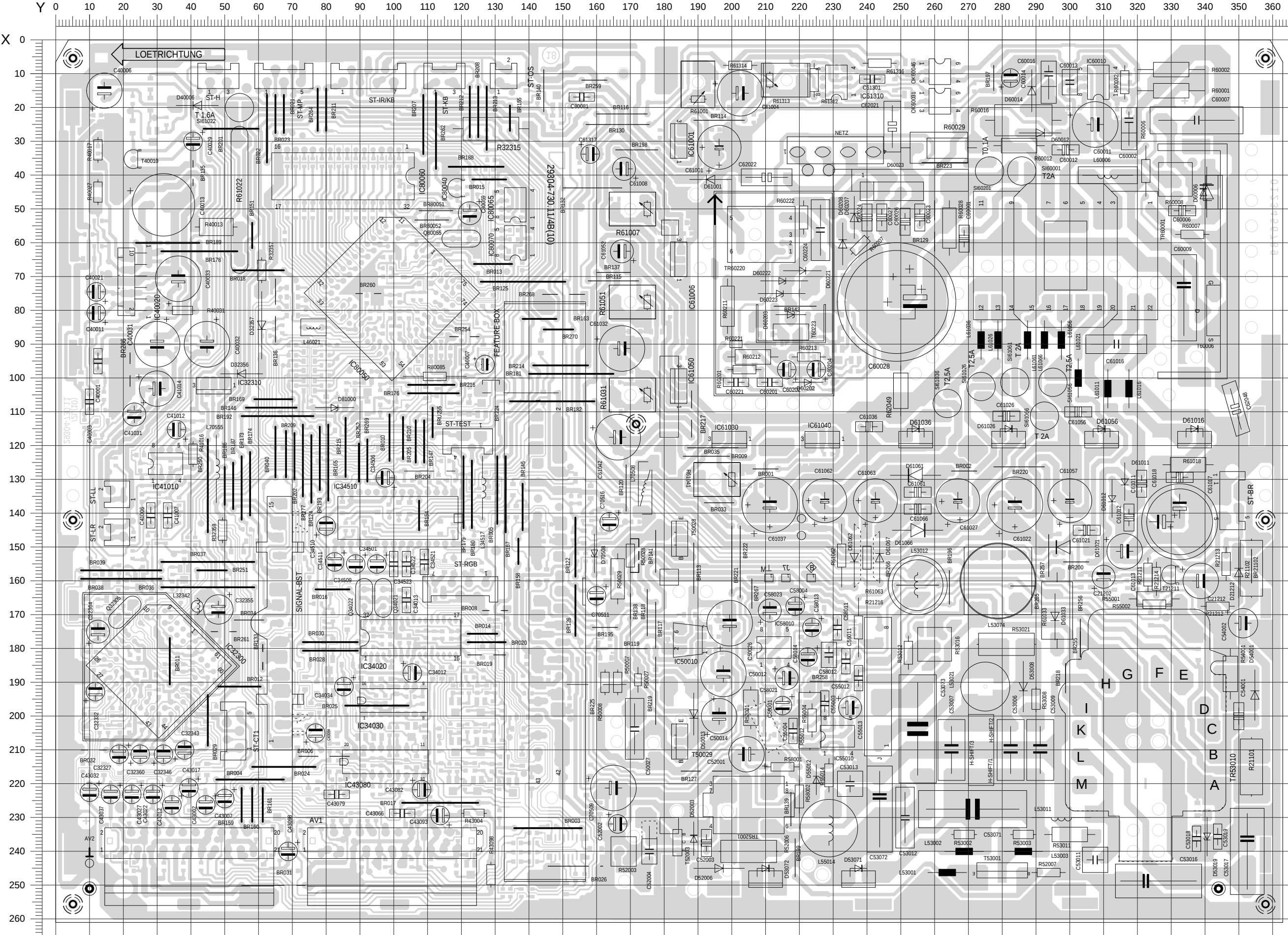
	M 72-270/8 IDTV/LOG Elegance	ST 70-278 IDTV	ST 63-270/8 IDTV
Bildröhre / Picture Tube			
Sichtbares Bild Visible picture	68cm	66cm	59cm
Bildschirmdiagonale Screen diagonale	72cm (29"), MEGATRON, Super Flat, Black Line S, CCS, Invar, Philips	70cm (28"), Black Line D, Philips	63cm (25"), Black Line D, Philips
Ablenkwinkel Deflection angle	110°	110°	110°
Bildwechselfrequenz Vertical frequency	100Hz	100Hz	100Hz
Elektronik / Electronic			
Programmspeicherplätze Programme positions	99 TV + 3 AV	99 TV + 3 AV	99 TV + 3 AV
Perfect clear, Blue stretch, Gamma adjustment	ja / yes	ja / yes	ja / yes
AV-Auswertung AV evaluation	jeder Programmplatz einstellbar / programmable for every programme position		
Tuner	Kabeltuner-Raster 8MHz für Hyperband / cabel tuner - 8MHz spacing for hyperband		
TV-Normen TV-Standard	PAL/SECAM/NTSC 4,43MHz, BG, I, DK/K/D, L/L', input AV: NTSC 3,58 MHz	PAL/SECAM/NTSC 4,43MHz, BG	PAL/SECAM/NTSC 4,43MHz, BG, I, DK/K/D, L/L', input AV: NTSC 3,58 MHz
Stereo Systeme Stereo systems	Deutsch A2/German A2 Nicom 5,85+6,52MHz	Deutsch A2 German A2	Deutsch A2/German A2 Nicom 5,85+6,52MHz
Videotext Teletext	8-Seiten TOP/FLOF Text mit VPS, Ost/West Europa, Türkei 8-pages TOP/FLOF text with VPS, East and Western Europe, Turkey	8-Seiten TOP/FLOF Text mit VPS, Ost/West Europa, Türkei 8-pages TOP/FLOF text with VPS, East and Western Europe, Turkey	8-Seiten TOP/FLOF Text mit VPS, Ost/West Europa, Türkei 8-pages TOP/FLOF text with VPS, East and Western Europe, Turkey
Musikleistung Music power	2x20W	2x20W	2x20W
Anschlüsse Front / Connections Front			
Kopfhörer Headphones	Stereo 3,5mm Klinke, regelbar stereo 3.5mm jack, individual	Stereo 3,5mm Klinke, regelbar stereo 3.5mm jack, individual	Stereo 3,5mm Klinke, regelbar stereo 3.5mm jack, individual
Video IN	1 x Cinch	1 x Cinch	1 x Cinch
Audio IN	2 x Cinch	2 x Cinch	2 x Cinch
Anschlüsse Rückwand / Connections Rear Panel			
Euro AV 1 (schwarz/black)	FBAS in-/output, RGB input, S-Video input, Megalogic	FBAS in-/output, RGB input, S-Video input, Megalogic	FBAS in-/output, RGB input, S-Video input, Megalogic
Euro AV 2 (orange)	FBAS in-/output, RGB input, S-Video input	FBAS in-/output, RGB input, S-Video input	FBAS in-/output, RGB input, S-Video input
Netzteil / Mains Stage			
Netzspannung (Regelbereich) Mains voltage (variable)	165 ... 265V	165 ... 265V	165 ... 265V
Netzfrequenz Mains frequency	50 / 60Hz	50 / 60Hz	50 / 60Hz
Öko-Schalter Eco switch	ja / yes	ja / yes	ja / yes
Leistungsaufnahme Power consumption	ca. 135W	ca. 120W	ca. 115W
Standby	ca. 7W	ca. 6W	ca. 6W

Oszillogramme / Oscillograms



Chassisplatte / Chassis Board

Bestückungsseite, Ansicht von oben / Component side, top view



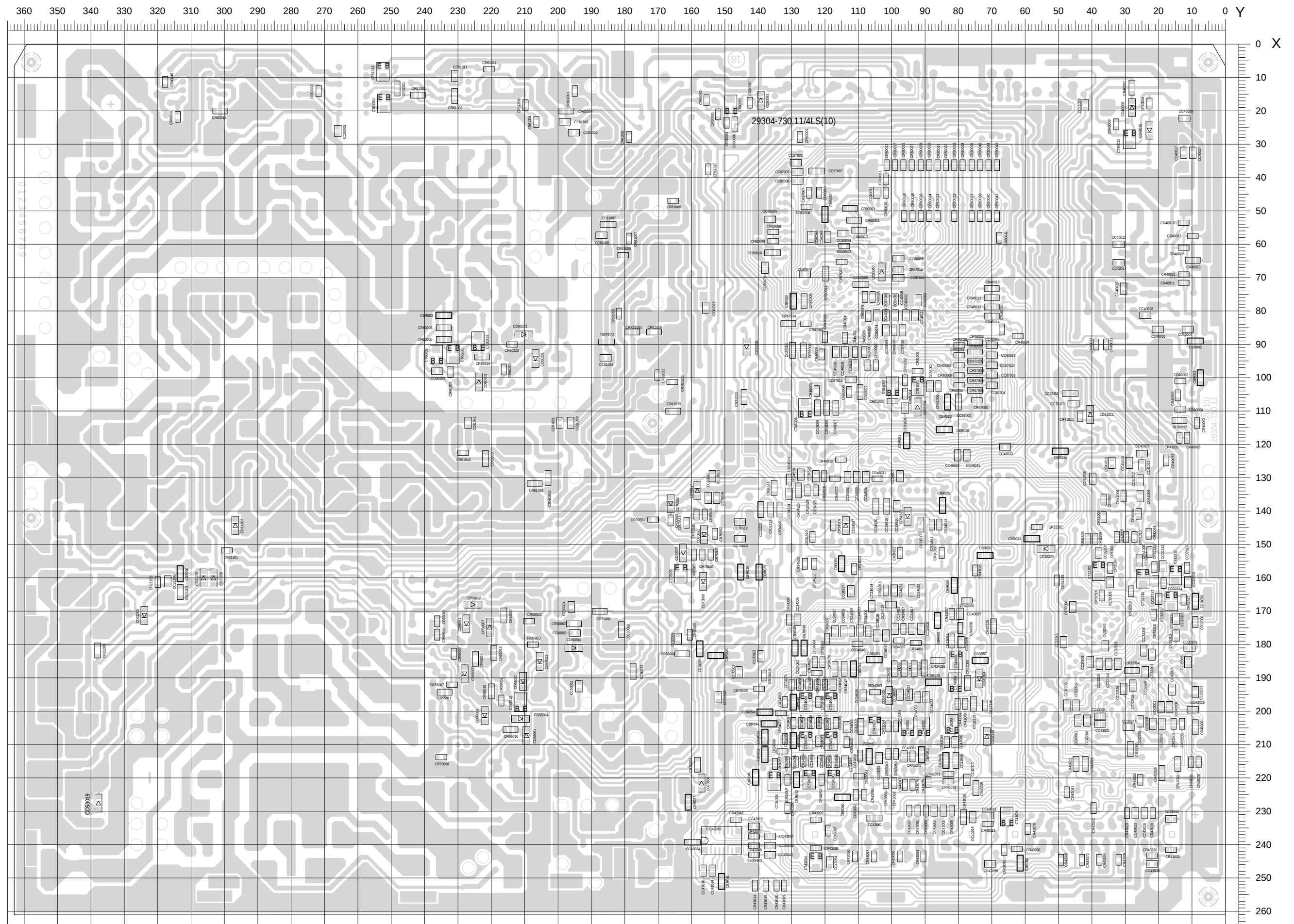
Chassisplatte

Koordinaten für die Bauteile der Bestückungsseite (Oberseite)

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	
AN10	5	5	C50012	198	188	C61013	316	151	D61056	309	117	NETZ	231	33	R60207	238	61	
AN11	172	114	C50014	196	200	C61016	314	90	D61061	254	129	NETZAB.	213	75	R60211	199	79	
AN12	5	256	C50026	199	173	C61017	333	142	D61062	236	152	OK60031 OK60046	262	18	R60212	206	94	
AN13	358	256	C50027	171	204	C61018	333	129	D61066 D61067 D70508 D81000	255 244 159 83	145 153 152 109		262	9	R60213	223	94	
AN14	358	142	C52001	205	211	C61021 C61022 C61026 C61027 C61032	305 284 281 267 167	145 138 111 137 91		DX60006 DX60023	340 247	45 45	262	9	R60221	201	90	
AN15	358	5	C52002	166	231		C61022	284	138		FEAT.B.	145	163	262	9	R60222	221	53
AN16	5	142	C52003	192	238		C61026	281	111			Q32305 Q34021 Q34022 Q80055	20 97 91 120	169 165 165 59	262	9	R61001	190
AN30	10	251	C52004	176	240	C61027	267	137	R21101 R21102 R21211 R21212 R21213	354 354 323 344 346			215 156 158 167 155	262	9	R61007	171	50
AN31	344	251	C53006	283	210	C61032	167	91		R21214 R21216 R32315 R32357 R32359	326 238 129 61 49		159 174 26 68 145	262	9	R61018	335	126
AV01	99	245	C53007	265	210	C61036 C61037 C61042	241 211 166	114 138 117			IC32300 IC32310 IC34020 IC34030 IC34510	30 105 177 100 102	185 177 195 195 141	49	145	R61022	54	47
AV02	40	245	C53009	291	210		C61042	166	117			IC40020 IC41010 IC43080	23 33 97	72 125 213	48	55	R61031	171
C21202	310	159	C53011	308	242		C61052	168	63	R40013 R40017 R40027 R40031 R41016			48 13 13 38 41	55 33 45 80 123	48	55	R61033	296
C21212	338	160	C53012	251	230	C61056	303	110	R43004 R43098 R50007 R50008 R50027		124 129 166 163 172		229 247 190 190 189	48	55	R61041	196	130
C32327	19	211	C53013	235	220	C61057	300	137			R50028 R50029 R52001 R52003 R52006	170 166 206 168 205	152 159 198 240 240	48	55	R61051	171	78
C32332	11	193	C53016	326	249	C61061	255	134		R52006 R53002 R53003 R53008 R53011		206 269 286 290 300	198 198 235 195 235	48	55	R61062	233	152
C32343	38	210	C53017	353	240	C61062	228	137	R53012 R53021 R54001 R55001			252 281 347 325	181 179 188 165	48	55	R61063	240	153
C32346	31	211	C53018	338	236	C61063	242	137			R55002 R55004 R55012 R55014 R58001	325 224 223 229 215	167 201 201 217 215	48	55	R61312	224	12
C32355	48	168	C53019	344	236	C61066	255	139		R60008 R60012 R60016 R60028 R60029		331 285 286 264 261	41 31 24 56 32	48	55	R61313	216	12
C32360	25	211	C53071	271	228	C61301 C61317 C62021 C62022 C62048	242 158 247 210 349	12 33 26 41 109	IC50010 IC55010			187 231	177 206	48	55	R61314	203	8
C32364	12	175	C53072	244	228		C62021	247			26	IC58010 IC60010 IC61001 IC61006 IC61030	213 308 184 184 199	180 13 30 65 118	48	55	R61316	244
C34012	106	187	C53073	255	204		C62022	210		41	R43004 R43098 R50007 R50008 R50027		213 308 184 184 199	180 13 30 65 118	48	55	R62049	250
C34013	104	166	C54001	350	200	C62048	349	109	R40013 R40017 R40027 R40031 R41016	213 308 184 184 199			180 13 30 65 118	48	55	R80085	112	99
C34034	86	191	C54002	351	173	C70509	164	221		R43004 R43098 R50007 R50008 R50027		213 308 184 184 199	180 13 30 65 118	48	55	Si60001	286	39
C34501	95	155	C55003	228	196	C70511	160	164			R50007 R50008 R50027	213 308 184 184 199	180 13 30 65 118	48	55	Si60201	276	39
C34506	98	130	C55004	218	204	C70516	164	142	R52001 R52003 R52006			213 308 184 184 199	180 13 30 65 118	48	55	Si61022	54	20
C34509	89	155	C55011	234	184	C80059	123	51		R53008 R53011		213 308 184 184 199	180 13 30 65 118	48	55	Si61026	274	102
C34510	80	144	C55012	238	189	C80081	156	17			R53008 R53011	213 308 184 184 199	180 13 30 65 118	48	55	Si61036	264	108
C34511	83	154	C55013	235	197	D21212	350	158	L32342 L34517 L46021 L53001 L53002			227 184 231 118 99	118 102 13 44 75	48	55	Si61056	295	101
C34521	109	154	C58001	215	197	D32356	55	99		L53001 L53012 L53021 L53074		227 184 231 118 99	118 102 13 44 75	48	55	Si61061	284	101
C34522	104	155	C58004	219	167	D32357	61	84			L53001 L53012 L53021 L53074	227 184 231 118 99	118 102 13 44 75	48	55	Si61066	292	111
C34523	100	155	C58011	231	174	D40006	42	19	L53001 L53012 L53021 L53074			227 184 231 118 99	118 102 13 44 75	48	55	SIGNAL B.	66	173
C40001	13	95	C58012	229	182	D50013	189	199		L53001 L53012 L53021 L53074		227 184 231 118 99	118 102 13 44 75	48	55	ST-BR	348	136
C40003	10	107	C58013	224	174	D50016	196	245			L53001 L53012 L53021 L53074	227 184 231 118 99	118 102 13 44 75	48	55	ST-CT01	53	204
C40006	14	15	C58014	223	183	D53008	286	191	L53001 L53012 L53021 L53074			227 184 231 118 99	118 102 13 44 75	48	55	ST-H	48	11
C40011	12	81	C58021	216	189	D53019	341	236		L53001 L53012 L53021 L53074		227 184 231 118 99	118 102 13 44 75	48	55	ST-IR/KB	93	11
C40013	31	49	C58022	211	169	D53071	238	247			L53001 L53012 L53021 L53074	227 184 231 118 99	118 102 13 44 75	48	55	ST-KB	115	11
C40021	12	75	C60001	269	59	D53072	210	247	L53001 L53012 L53021 L53074			227 184 231 118 99	118 102 13 44 75	48	55	ST-LL	18	134
C40029	41	30	C60002	317	24	D54001	355	194		L53001 L53012 L53021 L53074		227 184 231 118 99	118 102 13 44 75	48	55	ST-LR	18	146
C40031	30	89	C60003	333	51	D55012	225	219			L53001 L53012 L53021 L53074	227 184 231 118 99	118 102 13 44 75	48	55	ST-MP	68	11
C40032	45	89	C60006	333	51	D60006	342	45	L53001 L53012 L53021 L53074			227 184 231 118 99	118 102 13 44 75	48	55	ST-OS	133	11
C40033	36	71	C60007	338	24	D60012	291	28		L53001 L53012 L53021 L53074		227 184 231 118 99	118 102 13 44 75	48	55	ST-REG	120	163
C41006	28	141	C60009	334	76	D60014	282	11			L53001 L53012 L53021 L53074	227 184 231 118 99	118 102 13 44 75	48	55	ST-TEST	122	119
C41007	33	141	C60011	307	25	D60016	294	10	L53001 L53012 L53021 L53074			227 184 231 118 99	118 102 13 44 75	48	55	T21211	329	158
C41012	36	116	C60012	299	33	D60023	250	42		L53001 L53012 L53021 L53074		227 184 231 118 99	118 102 13 44 75	48	55	T40010	22	35
C41014	30	103	C60013	300	13	D60202	222	101			L53001 L53012 L53021 L53074	227 184 231 118 99	118 102 13 44 75	48	55	T50028	185	148
C41031	23	111	C60014	282	11	D60203	217	81	L53001 L53012 L53021 L53074			227 184 231 118 99	118 102 13 44 75	48	55	T50029	185	208
C43002	45	226	C60024	240	53	D60207	236	53		L53001 L53012 L53021 L53074		227 184 231 118 99	118 102 13 44 75	48	55	T52003	184	237
C43007	50	224	C60026	251	54	D60208	233	60			L53001 L53012 L53021 L53074	227 184 231 118 99	118 102 13 44 75	48	55	T53001	280	246
C43012	35	226	C60027	244	53	D60221	221	68	L53001 L53012 L53021 L53074			227 184 231 118 99	118 102 13 44 75	48	55	T60006	336	65
C43017	40	221	C60028	249	78	D60222	215	71		L53001 L53012 L53021 L53074		227 184 231 118 99	118 102 13 44 75	48	55	T60223	217	86
C43022	29	223	C60201	211	101	D60223	215	75			L53001 L53012 L53021 L53074	227 184 231 118 99	118 102 13 44 75	48	55	TR52001	205	226
C43027	23	223	C60202	216	98	D61001	194	41	L53001 L53012 L53021 L53074			227 184 231 118 99	118 102 13 44 75	48	55	TR53010	321	206
C43032	10	222	C60204	225	98	D61011	316	131		L53001 L53012 L53021 L53074		227 184 231 118 99	118 102 13 44 75	48	55	TR60001	299	64
C43037	17	223	C60221	201	101	D61012	313	136			L53001 L53012 L53021 L53074	227 184 231 118 99	118 102 13 44 75	48	55	TR60220	209	58
C43066	102	229	C60222	201	101	D61016	337	117	L53001 L53012 L53021 L53074			227 184 231 118 99	118 102 13 44 75	48	55			
C43079	83	223	C60224	226	56	D61021	298	150		L53001 L53012 L53021 L53074		227 184 231 118 99	118 102 13 44 75	48	55			
C43082	108	221	C61001	196	32	D61026	282	117			L53001 L53012 L53021 L53074	227 184 231 118 99	118 102 13 44 75	48	55			
C43084	76	205	C61004	202	16	D61033	296	171	L53001 L53012 L53021 L53074			227 184 231 118 99	118 102 13 44 75	48	55			
C43093	114	230	C61008	168	38	D61036	254	117		L53001 L53012 L53021 L53074		22						

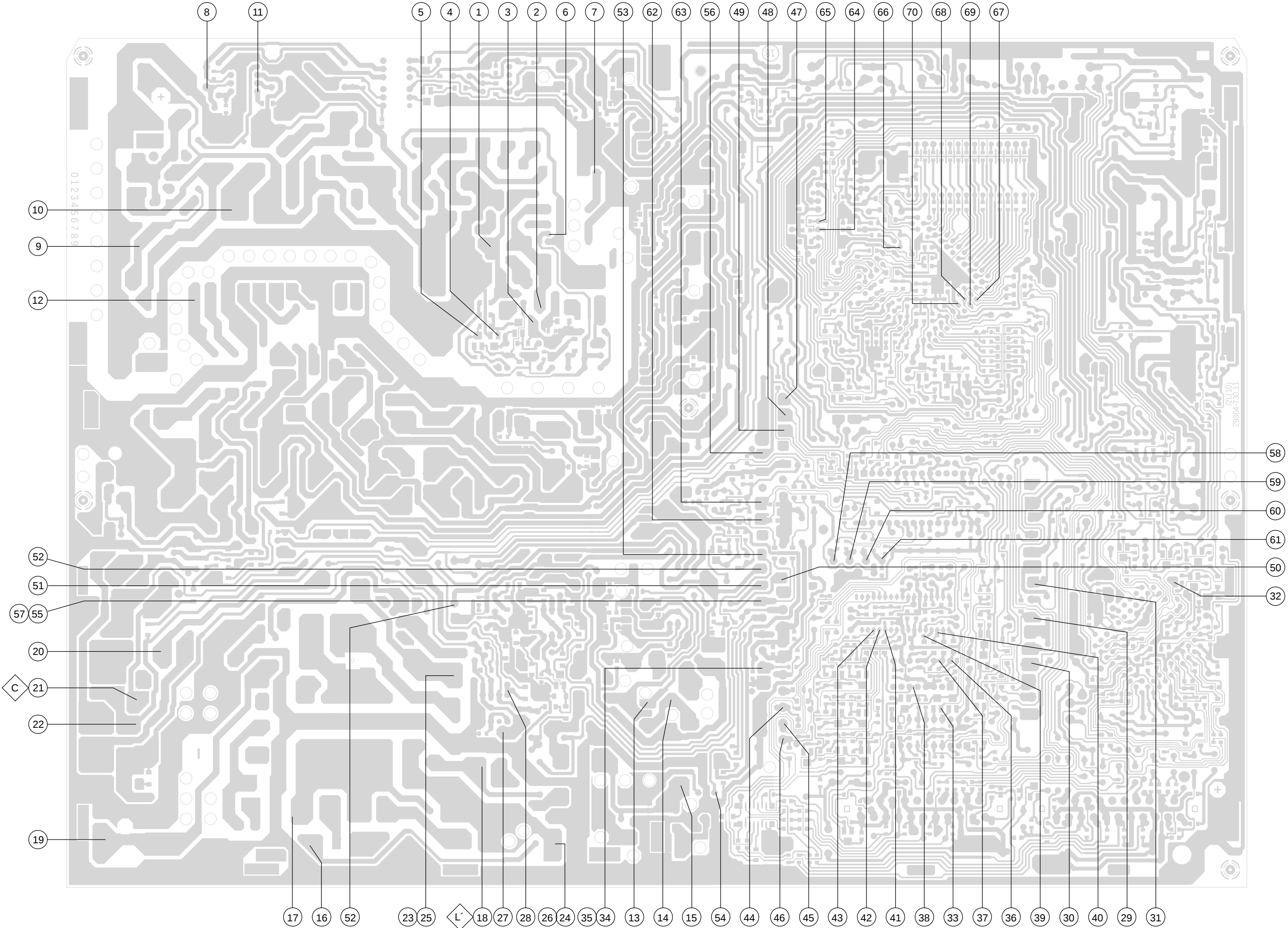
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	X	Y		X	Y		X	Y		X	Y		X	Y		X	Y
CC34056	129	215	CC61002	195	27	CR21222	136	140	CR40031	36	90	CR46014	70	81	CR80039	73	52
			CC61003	198	23				CR40032	39	90	CR46022	111	92			
CC34062	117	192	CC61006	187	57	CR21223	144	106	CR40033	18	125	CR46024	114	88	CR80040	71	52
CC34063	126	188	CC61007	185	54	CR32301	57	145	CR40034	23	147				CR80041	69	52
CC34067	125	192	CC61022	156	79	CR32302	9	173	CR41001	33	148				CR80042	68	58
CC34068	127	192				CR32307	35	157				CR46026	107	81	CR80043	69	36
CC34077	119	204				CR32309	37	165				CR46031	104	130	CR80044	71	36
			CC61028	196	114				CR41002	37	142						
			CC61031	200	114				CR41003	23	152						
CC34086	124	203	CC61038	222	124	CR32310	28	164	CR41004	26	141				CR80046	73	36
CC34087	127	203	CC61041	227	114	CR32311	21	157	CR41005	30	148				CR80049	135	59
CC34502	113	130	CC61051	185	89	CR32313	11	157	CR41006	30	135				CR80050	135	56
CC34503	110	130				CR32314	19	161				CR46035	80	90	CR80051	113	49
CC34504	108	130				CR32315	22	171				CR46036	75	90	CR80052	111	53
			CC61058	186	94				CR41007	37	136						
			CC61311	231	10				CR41010	27	148				CR50001	188	170
			CC70501	154	130	CR32317	13	167	CR41011	43	111				CR50002	195	174
CC34507	98	130	CC70502	139	183	CR32319	76	198	CR41031	14	118				CR50003	160	177
CC34518	98	139	CC70503	146	188	CR32320	72	198	CR43001	25	221				CR50004	163	183
CC34519	101	139				CR32325	69	175				CR55003	231	183	CR55005	114	61
CC34520	105	139				CR32334	39	148				CR55006	235	214	CR55009	80	93
			CC70506	152	136				CR43002	49	245				CR55007	232	192
			CC70507	155	136				CR43003	90	230				CR55011	234	194
CC34524	131	135	CC70508	152	196	CR32335	41	148	CR43004	38	245						
CC34525	123	130	CC70512	145	143	CR32339	13	204	CR43005	32	245				CR55016	214	206
CC34526	127	129	CC70513	145	148	CR32340	15	204	CR43006	9	205				CR58004	217	197
CC40002	20	86				CR32360	28	211				CR58007	216	171	CR58011	236	177
CC40004	11	86				CR32364	28	188	CR43008	82	230				CR58012	236	173
			CC80016	136	63				CR43009	132	252						
			CC80051	105	44	CR34001	93	180	CR43010	134	252						
CC40012	24	81	CC80053	70	93	CR34002	98	179	CR43011	45	216				CR58013	219	183
CC40013	32	60	CC80055	119	58	CR34003	112	176	CR43013	71	234				CR58014	225	184
CC40014	32	65	CC80056	124	58	CR34004	107	176				CR58015	220	194	CR58021	208	180
CC40017	13	33				CR34006	131	173	CR43014	141	252				CR58022	209	173
CC40022	30	73	CC80058	98	64				CR43016	42	216						
			CC80059	115	57	CR34007	119	178	CR43018	78	232						
CC40027	10	33	CC80065	136	53	CR40013	102	164	CR43019	138	252				CR60013	301	20
CC40028	12	22	CC80069	102	86	CR34017	97	175				CR60031	314	22	CR60033	272	14
CC41008	25	135	CC80070	138	67	CR34033	92	196	CR43021	10	215				CR60046	318	11
CC41009	40	130				CR34035	86	185				CR60202	216	98	CR60206	234	89
CC41013	34	125	CC80074	105	81				CR43023	30	231				CR60208	234	85
			CC80079	126	69	CR34036	105	194	CR43026	8	215				CR60214	223	94
CC41017	25	131	CC80089	109	72	CR34040	110	180	CR43028	22	231				CR60223	214	90
CC41018	29	125	CR81001	99	81	CR34042	114	187	CR43031	14	216						
CC41021	25	123	CR81002	89	102	CR34043	114	209	CR43033	16	242				CR61003	179	28
CC41022	25	126				CR34046	117	215				CR61004	198	20	CR61007	179	58
CC41029	42	18	CC81004	96	109				CR43036	19	219				CR61008	166	47
			CR87002	129	35	CR34047	131	221	CR43038	22	243				CR61009	181	63
CC43001	19	199	CR87003	70	99	CR34052	119	215	CR43041	48	224						
CC43003	87	230	CR87004	70	102	CR34053	121	221	CR43042	40	229				CR61029	166	110
CC43006	17	199	CR87005	102	81	CR34054	126	215	CR43043	141	243				CR61032	170	99
CC43008	84	230				CR34057	135	216	CR43046	141	240				CR61039	207	132
CC43010	157	248	CC87006	80	107	CR34058	132	215	CR43047	141	238				CR61042	228	123
			CC87007	123	38	CR34059	121	185	CR43048	147	233				CR61052	182	81
			CC87008	128	41	CR34062	120	192	CR43049	101	213				CR61059	171	86
CC43011	44	203	CC87009	128	38	CR34063	132	197	CR43050	99	213				CR61301	248	13
CC43013	71	231	CC87011	112	100	CR34064	122	197				CR61302	242	15	CR61303	231	15
CC43014	154	248				CR34066	122	192	CR43051	92	230				CR61304	206	23
CC43016	42	203	CC87016	98	70	CR34067	123	189	CR43052	95	230						
CC43018	76	232	CC87023	70	96	CR34068	123	185	CR43053	91	244				CR70504	158	216
			CC87024	130	92	CR34071	130	192	CR43054	101	204				CR70506	157	153
CC43019	141	235	CC87026	97	86	CR34072	133	201	CR43055	99	204						
CC43021	16	193				CR34076	117	187				CR61059	171	86	CRX61001	195	14
CC43023	27	231	CD21201	303	160	CR34078	117	203	CR43056	98	244				CRX61031	166	101
CC43024	160	239	CD21202	297	144	CR34081	132	208	CR43057	105	244				CRX61041	203	130
CC43026	10	200	CD21203	306	160	CR34082	122	203	CR43058	111	244				CRX61051	178	86
			CD21206	324	171	CR34083	122	209	CR43059	109	213						
CC43028	24	231	CD21225	143	91	CR34087	130	203	CR43061	108	225				CR61306	210	18
CC43031	38	204				CR34088	133	212				CR61311	221				

Lötseite, Ansicht von unten / Solder side, bottom view

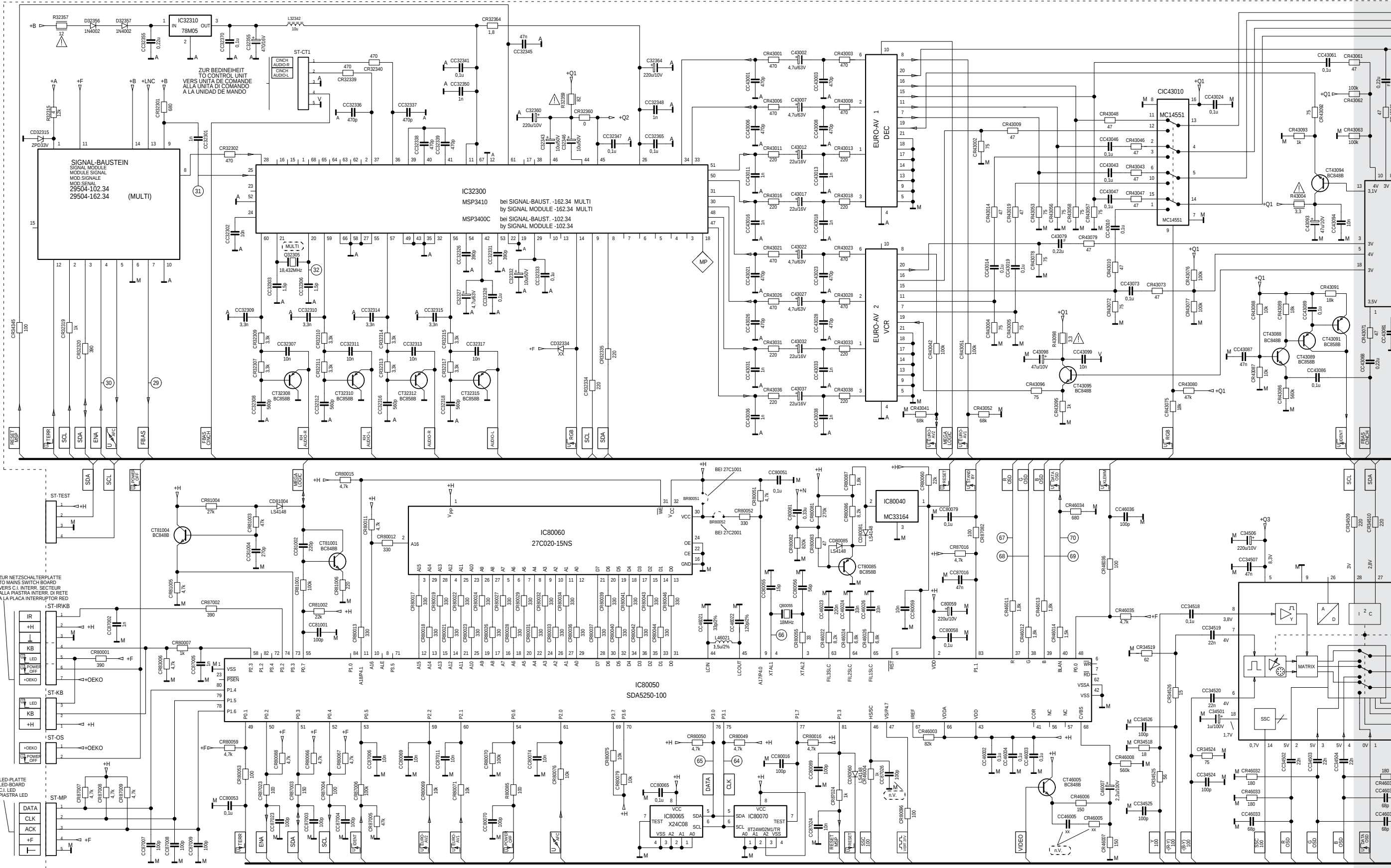


Chassisplatte – Oszillogramm-Meßpunkte / Oscillogram Test Points

Lötseite, Ansicht von unten / Solder side, bottom view

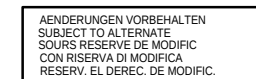


Chassisplatte – Color Chassis / Colour Chassis





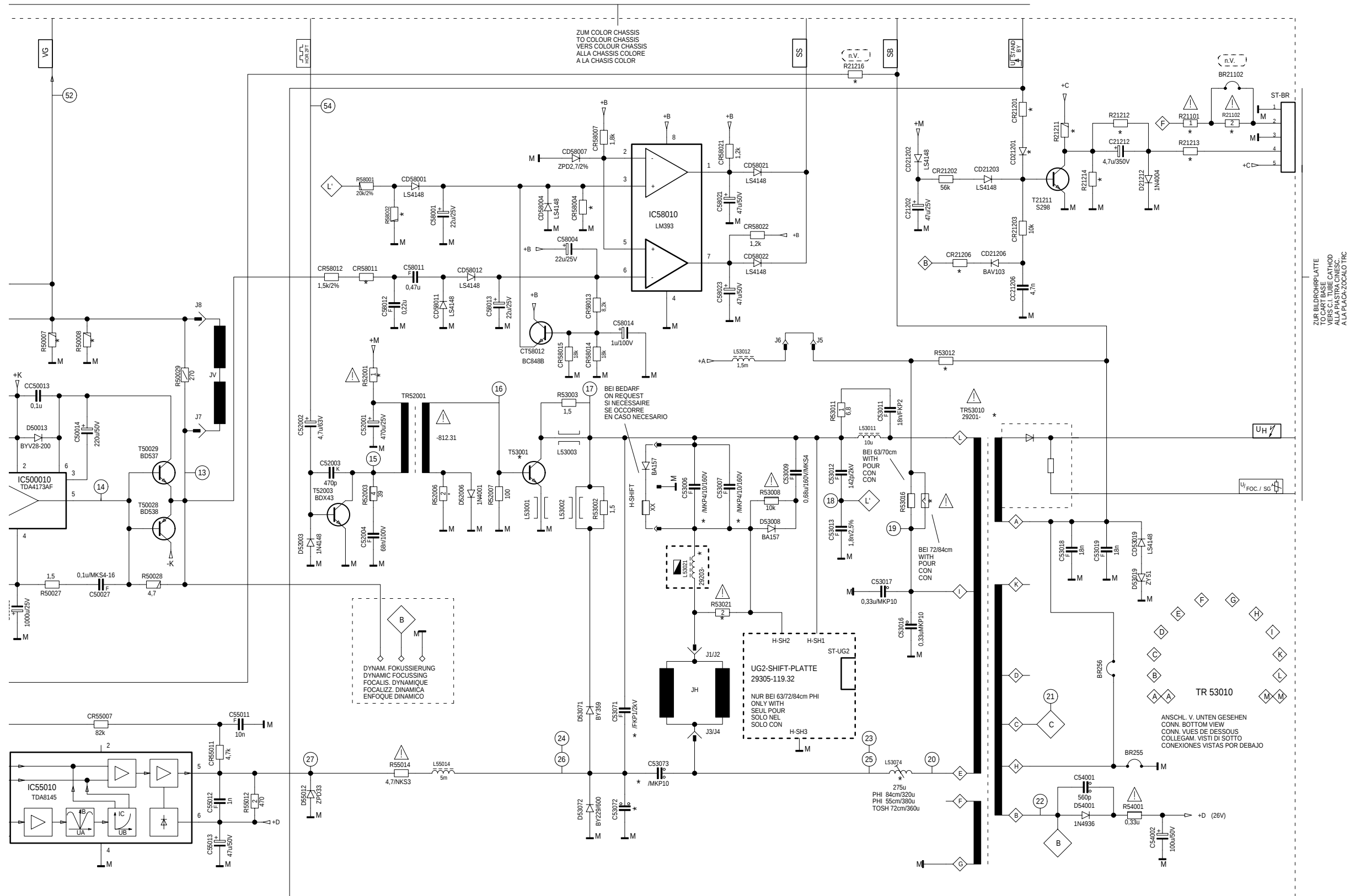
NETZ 230V
MAINS 230V
SECTEUR 230V
RETE 230V
RED 230V



MAINS CHASSIS
CHASSIS DI SETTORE
CHASSIS DI RETE
CHASSIS INTERR. RED

CUC 1805
CUC 1825
CUC 1826
CUC 1827

		L61062	L61067		R21102															
*	+A	D61062	D61067	R21101	BR21102	CR21201	CD21201	CR21206	R21211	R21212	R21213	R21214	CD50004	R50007	R50008	CC50023	R52006	T53001	C53006	C530
PHI 55cm	146V	1N4003	1N4003	6,2		22k	LS4148	62k	220k	4,7M	10k	820k	—	3	3	1n	3,3	2SC4542	0,25u	0,25
PHI 63cm	135V	1N4003	1N4003	6,2		22k	LS4148	47k	100k	1,5M	10k	820k	—	1,6	1,6	—	1,8	2SC4542	0,3u	0,3
PHI 63cm/BL-S	143V			5,1		22k	LS4148	47k	100k	1,5M	10k	820k	—	1,5	1,5	—	1	2SC4288A	0,3u	0,3
PHI 70cm	135V	1N4003	1N4003	6,2		22k	LS4148	47k	100k	1,5M	10k	820k	—	1,6	1,6	—	1,5	2SC4542	0,41u	0,41
PHI 70cm/BL-S	146V			6,2		22k	LS4148	47k	100k	1,5M	10k	820k	—	1,5	1,5	—	1	2SC4288A	0,41u	0,41
PHI 72cm	140V			5,6		—	—	56k	22k	1,5M	100k	270k	LS4148	1,6	1,6	—	1	2SC4288A	0,41u	0,41
TOS 72cm	148V			3,3/2W		22k	LS4148	47k	100k	1,5M	10k	820k	—	1,3	1,5	—	1	2SC4288A	0,25u	0,25
PHI 84cm	148V	1N4003	1N4003	6,2		—	—	47k	22k	1,5M	100k	270k	LS4148	1,6	1,6	—	1	2SC4288A	0,41u	0,3



06	C53007	TR53010 29201-	BR255	BR256	R53012	R53016	R53021	C53071	C53072	C53073	L53074	R58002	CR58004	CR58011	TR60001 29201-	R52001	L53021	CD55003	R61314	C60028
u	0,25u	-680.02	—	—	—	6,8/11W	390	6,8n	27n	0,47u	859.65	3k/2%	13k/2%	1,5k/2%	-569.97	33/2W	-119	ZPD3,9V/2%	10k	220u
j	0,3u	-033.01	—	—	1M/1%	6,8/11W	220	9n	20n	0,47u	859.55	3,9k/2%	13k/2%	1,5k/2%	-566.97	4,7/1W	-122	ZPD3,9V/2%	10k	300u
j	0,3u	-680.02	—	—	560k/1%	6,8/7W/RSI	220	11n	27n	0,47u	859.63	3,3k/2%	13k/2%	1,2k/2%	-573.97	8,2/1W	-122	ZPD3,9V/2%	10k	300u
u	0,41u	-033.01	—	—	560k/1%	6,8/11W	220	10n	20n	0,47u	859.55	3,9k/2%	13k/2%	1,5k/2%	-566.97	4,7/1W	-122	ZPD3,9V/2%	10k	300u
u	0,41u	-680.01	—	—	560k/1%	6,8/7W/RSI	390	13n	27n	0,47u	859.64	3,6k/1%	12k/2%	1,2k/2%	-569.97	4,7/1W	-122	ZPD3,9V/2%	10k	300u
u	0,41u	-680.01	—	—	560k/1%	6,8/7W/RSI	390	13n	27n	0,47u	859.55	3,9k/2%	12k/2%	1,8k/2%	-568.97	4,7/1W	-122	ZPD3,9V/2%	10k	300u
u	0,25u	-680.01	—	—	560k/1%	6,8/7W/RSI	390	13n	27n	0,68u	859.64	3k/2%	13k/2%	3,3k/2%	-568.97	4,7/1W	-122	ZPD4,3V/2%	15k	300u
u	0,3u	-680.02	—	—	560k/1%	6,8/7W/RSI	220	11,5n	27n	0,68u	859.63	3,3k/2%	12k/2%	1,5k/2%	-569.97	4,7/1W	-122	ZPD3,9V/2%	15k	300u

021297
21483-907.01

Ersatzteilliste Spare Parts List

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GRUNDIG

TV

ST 70-278 IDTV

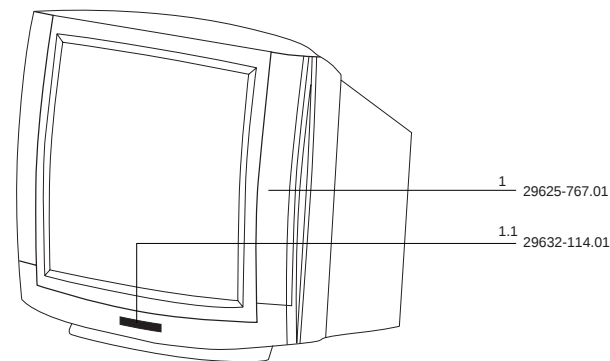
SACH-NR. / PART NO.: 9.21752-0175
BESTELL-NR. / ORDER NO.: G.CH 0675 SCHWARZ/BLACK

POS. NR. POS. NO.	ABB. FIG.	SACHNUMMER PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
0001.000		92175-201.75		ST 70-278 IDTV SCHWARZ	ST 70-278 IDTV BLACK
0001.100		29625-767.01		GEH-VORDERTEIL OFB	FRONT PART SURFACE TREATE
0001.200		29632-114.01		EMBLEM GRUNDIG	EMBLEM GRUNDIG
0001.300		29633-431.01		INFRA-FENSTER	INFRA WINDOW
0001.400		29501-688.01		TASTE NETZ	KEY POWER
0006.000		29628-417.01		DRUCKFEDER	PRESS SPRING
0007.000		19126-034.97	2	LAUTSPRECHER 70X165MM	LOUDSPEAKER 70X165MM
0008.000		29501-671.06		TASTEN-SATZ	KEY SET
0010.000		29636-032.01		ABDECKUNG BUCHSEN	COVER
		29636-117.80		GEH-RUECKTEIL	REAR PART
		29656-004.02		MONTAGEZUBEHOER F.BILDROHR KEIN E-TEIL	MOUNTING ACCESSORIES F.CRT NO SPARE PART
0021.000		29607-219.01	8	SPULENHAKEN	COIL HOOK
0024.000	△	09246-131.75		SPULE ENTMAGNETISIERUNG	COIL DEGAUSING CPL
0025.000	△	8300-030-436		BILDR.A66EAK71X44/ A66EAK	PICT.TUBE A66EAK71X44/ A6
0026.000	△	29201-360.02		ANODENKAPPE M.HOCHSPANNUNGSKABEL	ANODE CAP W.HIGH VOLTAGE CABLE
0030.000		29501-082.63		BEDIENEINHEIT	CONTROL UNIT
0030.100		29303-168.81		CINCH-BUCHSE 3-FACH GE/WS/RT	CINCH SOCKET 3 FOLD YE/WH/RD
0030.200		29303-390.42		KOPFHOERERBUCHSE 3,5 O.SCHALTER	HEADPHONE SOCKET 3,5 W/O SWITCH
0030.300	△	29703-291.71		NETZSCHALTER ECO O.WISCHER	POWER SWITCH ECO W/O WIPER
0030.500		29703-357.11		TASTSCHALTER PROGRAMM +	KEY SWITCH PROGRAMME +
0030.600		29703-357.11		TASTSCHALTER PROGRAMM -	KEY SWITCH PROGRAMME -
0030.700		29703-357.11		TASTSCHALTER LAUTSTAERKE +	KEY SWITCH VOLUME +
0030.800		29703-357.11		TASTSCHALTER LAUTSTAERKE -	KEY SWITCH VOLUME -
0031.000	△	29700-628.01		ABDECKUNG F.CHASSIS	COVER FOR CHASSIS
0035.000		8290-991-316		NETZKABEL KPL.	POWER CABLE CPL GWN9.22
0036.000		29642-061.01		TELEPILOT TP 800	REMTOTE CONTROL TP 800
		29305-122.04	X	BILDROHRPLATTE 70CM	PICTURE TUBE BOARD 70CM
		21752-941.01		BEDIENUNGSANLEITUNG	OPERATING INSTRUCTIONS
		29701-096.01	X	CHASSIS-FS-DIGI BASIC CUC 1825 KEIN E-TEIL	CHASSIS TV-DIGI BASIC CUC 1825 NO SPARE PART
		72010-019.30		SERVICE MANUAL D/GB	SERVICE MANUAL D/GB
		72010-019.31		SERVICE MANUAL D/GB 1. ERGAENZUNG	SERVICE MANUAL D/GB 1ST SUPPLEMENT
		72010-019.32		SERVICE MANAUL D/GB 2. ERGAENZUNG	SERVICE MANUAL D/GB 2ND SUPPLEMENT
		72010-019.33		SERVICE MANUAL D/GB 3. ERGAENZUNG	SERVICE MANUAL D/GB 3RD SUPPLEMENT
		72010-019.34		SERVICE MANUAL D/GB 4. ERGAENZUNG	SERVICE MANUAL D/GB 4TH SUPPLEMENT
		72010-019.35		SERVICE MANUAL D/GB 5. ERGAENZUNG	SERVICE MANUAL D/GB 5TH SUPPLEMENT
		72010-019.36		SERVICE MANUAL D/GB 6. ERGAENZUNG	SERVICE MANUAL D/GB 6TH SUPPLEMENT

X = SIEHE GESONDERTE E-LISTE

X = SEE SEPARATE PARTS LIST

POS. NR. POS. NO.	SACHNUMMER PART NUMBER	BEZEICHNUNG DESCRIPTION
	29501-082.63	BEDIENEINHEIT/ CONTROL UNIT
C 62501	△ 8511-793-033	FOKO MP3 0,22UF 20% 250VW
D 805	8309-944-601	LE DIODE TLHR 4601 TFK
D 81501	8309-215-045	DIODE 1N4148
IC 84001	8305-367-530	IC TFMS5300 (STEHEND) TE
L 62501	△ 29500-825.97	ENTSTOER-DR/ INTERFERENCE CHOKE
R 62501	8311-005-017	NTC 4,7 OHM 30% S237/S234
R 62505	△ 8311-200-010	PTC #1 DUO
SI 62501	△ 8315-622-503	SI 5X20 T3,15A H 250V
T 81501	8303-295-875	TRANS.BC 875/877/879 SIE
T 81502	8303-205-548	TRANS BC548B



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.

Ersatzteilliste Spare Parts List

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GRUNDIG

TV

ST 63-270/8 IDTV

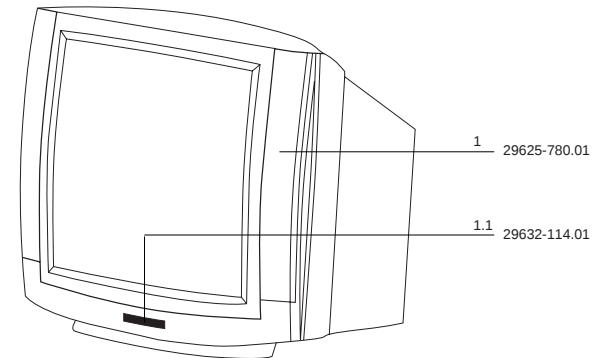
SACH-NR. / PART NO.: 9.21696-0281
BESTELL-NR. / ORDER NO.: G.CG 1681 COSMOS-SCHWARZ/COSMOS BLACK

POS. NR. POS. NO.	ABB. FIG.	SACHNUMMER PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
0001.000		9.21696-0281		ST 63-270/8 IDTV COSMOS-SCHWARZ	ST 63-270/8 IDTV COSMOS-BLACK
0001.100		29625-780.01		GEH-VORDETEIL OFB	FRONT PART SURFACE TREATE
0001.200		29632-114.01		EMBLEM GRUNDIG	EMBLEM GRUNDIG
0001.300		29633-431.01		INFRA-FENSTER	INFRA WINDOW
0001.400		29501-688.01		TASTE NETZ	KEY POWER
0006.000		29628-417.01		DRUCKFEDER	PRESS SPRING
0007.000		19126-034.97	2	LAUTSPRECHER 70X165MM	LOUDSPEAKER 70X165MM
0008.000		29501-671.06		TASTEN-SATZ	KEY SET
0010.000		29636-032.01		ABDECKUNG BUCHSEN	COVER
0011.000		29636-175.80		GEH-RUECKTEIL	REAR PANEL
		29618-487.62		TYPENAUFKLEBER	TYPE LABEL
		29656-004.01		MONTAGEZUBEHOER F.BILDROHR KEIN E-TEIL	MOUNTING ACCESSORIES F.CRT NO SPARE PART
0021.000		29607-219.01	8	SPULENHAKEN	COIL HOOK
0024.000	△	09246-130.75		SPULE ENTMAGNETISIERUNG	COIL DEGAUSSING F.PICT.TU
0025.000	△	8300-020-412		BILDR.A59EAK071X44 PHI	PICT.TUBE A59EAK071X44 P
0026.000	△	29201-360.02		ANODENKAPPE M.HOCHSPANNUNGSKABEL	ANODE CAP W.HIGH VOLTAGE CABLE
0030.000		29501-082.63		BEDIENEINHEIT	CONTROL UNIT
0030.100		29303-168.81		CINCH-BUCHSE 3-FACH GE/WS/RT	CINCH SOCKET 3 FOLD YE/WH/RD
0030.200		29303-390.42		KOPFHOERERBUCHSE 3,5 O.SCHALTER	HEADPHONE SOCKET 3,5 W/O SWITCH
0030.300	△	29703-291.71		NETZSCHALTER ECO O.WISCHER	POWER SWITCH ECO W/O WIPER
0030.400	△	09621-113.02	2	SICHERUNGSHALTER	FUSE HOLDER
0030.500		29703-357.11		TASTSCHALTER PROGRAMM +	KEY SWITCH PROGRAMME +
0030.600		29703-357.11		TASTSCHALTER PROGRAMM -	KEY SWITCH PROGRAMME -
0030.700		29703-357.11		TASTSCHALTER LAUTSTAERKE +	KEY SWITCH VOLUME +
0030.800		29703-357.11		TASTSCHALTER LAUTSTAERKE -	KEY SWITCH VOLUME -
0031.000		29700-628.01		ABDECKUNG F. CHASSIS	COVER FOR CHASSIS
0035.000	△	8290-991-316		NETZKABEL KPL	POWER CABLE CPL GWN9.22
0036.000		29642-061.01		TELEPILOT TP 800	REMOTE CONTROL TP 800
		29305-122.04	X	BILDROHRPLATTE 70CM	PICTURE TUBE BOARD 70CM
		21696-941.02		BEDIENUNGSANLEITUNG	OPERATING INSTRUCTIONS
		72010-019.30		SERVICE MANUAL D/GB	SERVICE MANUAL D/GB
		72010-019.31		SERVICE MANUAL D/GB 1. ERGAENZUNG	SERVICE MANUAL D/GB 1ST SUPPLEMENT
		72010-019.32		SERVICE MANAUL D/GB 2. ERGAENZUNG	SERVICE MANUAL D/GB 2ND SUPPLEMENT
		72010-019.33		SERVICE MANUAL D/GB 3. ERGAENZUNG	SERVICE MANUAL D/GB 3RD SUPPLEMENT
		72010-019.34		SERVICE MANUAL D/GB 4. ERGAENZUNG	SERVICE MANUAL D/GB 4TH SUPPLEMENT
		72010-019.35		SERVICE MANUAL D/GB 5. ERGAENZUNG	SERVICE MANUAL D/GB 5TH SUPPLEMENT
		72010-019.36		SERVICE MANUAL D/GB 6. ERGAENZUNG	SERVICE MANUAL D/GB 6TH SUPPLEMENT
		29701-096.04	X	CHASSIS-FS DIGI-BASIC CUC 1825 KEIN E-TEIL	CHASSIS-TV DIGI-BASIC CUC 1825 NO SPARE PART

X = SIEHE GESONDERTE E-LISTE

X = SEE SEPARATE PARTS LIST

POS. NR. POS. NO.	SACHNUMMER PART NUMBER	BEZEICHNUNG DESCRIPTION
	29501-082.63	BEDIENEINHEIT/ CONTROL UNIT
C62501 △	8511-793-033	FOKO MP3 0,22UF 20% 250VW
D 805	8309-944-601	LE DIODE TLHR 4601 TFK
D 81501	8309-215-045	DIODE 1N4148
IC 84001	8305-367-530	IC TFMS5300 (STEHEND) TE
L62501 △	29500-825.97	ENTSTOER-DR/ INTERFERENCE CHOKE
R 62501	8311-005-017	NTC 4,7 OHM 30% S237/S234
R62505 △	8311-200-010	PTC #1 DUO
SI62501 △	8315-622-503	SI 5X20 T3,15A H 250V
T 81501	8303-295-875	TRANS.BC 875/877/879 SIE
T 81502	8303-205-548	TRANS BC548B



Btx *32700#

ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

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

Btx *32700#



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.

ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

Ersatzteilliste
Spare Parts List

TV

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M 72-270/8 IDTV/LOG ELEGANCE

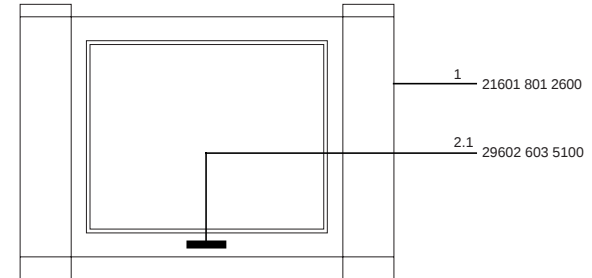
SACH-NR. / PART NO.: 92160 102 2600
BESTELL-NR. / ORDER NO.: G.CH3626 SCHWARZ/BLACK

POS. NR. POS. NO.	ABB. FIG.	SACHNUMMER PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		92160 102 2600		M 72-270/8 IDTV/LOG ELEGANCE SCHWARZ	M 72-270/8 IDTV/LOG/ELEGANCE BLACK
0001.000		21601 801 2600		GEHÄUSE MONT.KPL.	HOUSING MONT.CPL.
0002.000		29633 676 0100		BLLENDE KPL.	PANEL ASSY
0002.100		29602 603 5100		GRUNDIG EMBLEM	GRUNDIG EMBLEM
0003.000		29633 668 0100		KLAPPE DRUCK KPL.	FLAP CPL.
0004.000		29700 628 0100		ABDECKUNG	COVER
0005.000		19136 008 9700	2	LAUTSPRECHER	LOUDSPEAKER
0006.000		19115 008 9700	2	HOCHTONFOLIENKALOTTE	TWEETER, SPHERICAL FOIL CAP
0010.000		29636 067 0100		GEH-RUECKTEIL KPL.	CABINET REAR PART
0011.000		29618 643 0400		TYPENAUFKLEBER	TYPE LABEL SELF-ADHESIVE
		29656 004 1000		MONTAGEZUBEHOER F.BILDROHR KEIN E-TEIL	MOUNTING ACCESSORIES FOR CRT NO SPARE PART
0021.000		29607 307 0100	2	SCHLAUFE	LOOP
0022.000		09246 134 7600		SPULE ENTMAGNETISIERUNG	COIL DEGAUSING
0025.000		83000 682 0300		BILDR.A68ESF202X43/ A68ES	PICT.TUBE A68ESF202X43/ A
0026.000		29201 360 1100		ANODENKAPPE M.HOCHSPANNUNGSKABEL	ANODE CAP W.HIGH VOLTAGE CABLE
0029.000		29305 165 6500		NETZSCHALTERPLATTE	POWER SWITCH BOARD
0029.100		29703 291 7100		NETZSCHALTER ECO O.WISCHER	POWER SWITCH ECO W/O WIPER
0029.200		29303 168 0500		CINCH-BUCHSE 3-FACH GE/WS/RT	CINCH SOCKET 3 FOLD YE/WH/RD
0029.300		29303 390 4200		KOPFHÖRERBUCHSE 3,5 O.SCHALTER	HEADPHONE SOCKET 3,5 W/O SWITCH
0029.400		09621 113 0200	2	SICHERUNGSHALTER	FUSE HOLDER
0029.500		29703 357 0100		TASTSCHALTER PROGRAMM +	KEY SWITCH PROGRAMME +
0029.600		29703 357 0100		TASTSCHALTER PROGRAMM -	KEY SWITCH PROGRAMME -
0029.700		29703 357 0100		TASTSCHALTER LAUTSTÄRKE +	KEY SWITCH VOLUME +
0029.800		29703 357 0100		TASTSCHALTER LAUTSTÄRKE -	KEY SWITCH VOLUME -
0030.000		29633 674 0100		TASTENKNOPF NETZ	KEY BUTTON MAINS SUPPLY
0031.000		29501 629 0100		TASTENSATZ	KEYS SET
0032.000		29305 150 0400		NETZENTSTÖREINHEIT	MAINS INTERFERENCE UNIT
		29501 081 8500		KEYBOARDPLATTE KEIN E-TEIL	KEYBOARD PCB NO SPARE PART
0035.000		82909 913 1600		NETZKABEL KPL.	POWER CABLE CPL GWN9.22
0036.000		29642 061 0100		TELEPILOT TP 800	REMOTE CONTROL TP 800
		29305 122 1000	X	BILDROHRPLATTE 72CM	PICTURE TUBE BOARD 72CM
		21601 941 0200		BEDIENUNGSANLEITUNG	OPERATING INSTRUCTIONS
		72010 019 3000		SERVICE MANUAL D/GB	SERVICE MANUAL D/GB
		72010 019 3100		SERVICE MANUAL D/GB 1. ERGÄNZUNG	SERVICE MANUAL D/GB 1ST SUPPLEMENT
		72010 019 3200		SERVICE MANUAL D/GB 2. ERGÄNZUNG	SERVICE MANUAL D/GB 2ND SUPPLEMENT
		72010 019 3300		SERVICE MANUAL D/GB 3. ERGÄNZUNG	SERVICE MANUAL D/GB 3RD SUPPLEMENT
		72010 019 3400		SERVICE MANUAL D/GB 4. ERGÄNZUNG	SERVICE MANUAL D/GB 4TH SUPPLEMENT
		72010 019 3500		SERVICE MANUAL D/GB 5. ERGÄNZUNG	SERVICE MANUAL D/GB 5TH SUPPLEMENT
		72010 019 3600		SERVICE MANUAL D/GB 6. ERGÄNZUNG	SERVICE MANUAL D/GB 6TH SUPPLEMENT
		29701 096 1200	X	CHASSIS-FS DIGI-BASIC CUC 1826 KEIN E-TEIL	CHASSIS-TV-DIGI-BASIC CUC 1826 NO SPARE PART

X = SIEHE GESONDERTE E-LISTE

X = SEE SEPARATE PARTS LIST

POS. NR. POS. NO.	SACHNUMMER PART NUMBER	BEZEICHNUNG DESCRIPTION
	29305 165 6500	NETZSCHALTERPLATTE POWER SWITCH BOARD
C 6001	85117 930 4700	FOKO MP3 0,47UF20%250VW W
C 6002	85117 930 4500	FOKO MP3 0,33UF 20% 250VW
D 81501	83092 150 4500	DIODE 1N4148
IC 84001	83053 675 3000	IC TFMS5300 STEHEND/ TSOP
L 6001	△ 29500 832 9700	FUNKENTSTÖERDROSSEL/ INTERFERENCE SUPPR.COIL
R 6003	83110 050 1700	NTC 4,7 OHM 30% S237/S234
R 6009	83112 000 1200	PTC #3 DUO
SI 6001	△ 83156 225 0300	SI 5X20 T3,15A H 250V
T 81501	83032 958 7500	TRANS.BC 875/877/879 SIE
T 81502	83032 055 4800	TRANS BC548B



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.

Ersatzteilliste
Spare Parts List

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ERSETZT AUSGABE 04/96
SUBSTITUTE EDITION 04/96

GRUNDIG

TV

CUC 1825

SACH-NR. / PART NO.: 29701-096.01/04

POS. NR. POS. NO.	ABB. FIG.	SACHNUMMER PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
0001.000		29504-162.34	X	BAUSTEIN SIGNAL / ZF+TUNER	MODULE SIGNAL / ZF+TUNER
0002.000	△	29504-103.37	X	FEATURE-BOX	FEATURE BOX (DIGI)
0003.000		29303-399.54		NETZ EINBAUGERAETESTECKER	APPLIANCE COUPLER W.CABLE
0005.000		29700-632.01		HALTER BAUSTEIN	HOLDER MODULE
0006.000		29303-119.66		EURO-AV BUCHSENLEISTE 21-P SCHWARZ	EURO-AV SOCKET STRIP 21 P BLACK
0007.000		29303-119.68		EURO-AV BUCHSENLEISTE 21-P ORANGE	EURO-AV SOCKET STRIP 21 P ORANGE
0011.000		29303-153.01		MONTAGECLIP D60006/T53001	MOUNTING CLIP D60006/T53001
0012.000		29303-153.12		MONTAGECLIP T60006/IC61030/61040/ D61036/61026/61056/61016/IC61001/61006/ 61050/T50028/IC50010/T50029/52003/ D53072/53071/T53001	MOUNTING CLIP T60006/IC61030/61040/ D61036/61026/61056/61016/IC61001/61006/ 61050/T50028/IC50010/T50029/52003/ D53072/53071/T53001
0013.000		29303-156.18		FOLIE WAERMELEITEND D60006	FOIL HEAT CONDUCTING D60006
0014.000		29303-156.20		FOLIE WAERMELEITEND T60006/IC61030/ 61040/D61036/61026/61056/61016/IC61001/ 61006/61050/T50028/IC50010/T50029/52003	FOIL HEAT CONDUCTING T60006/IC61030/ 61040/D61036/61026/61056/61016/IC61001/ 61006/61050/T50028/IC50010/T50029/52003
0015.000		29303-156.21		FOLIE WAERMELEITEND D53071/53072/53073	FOIL HEAT CONDUCTING D53071/53072/53073
0016.000		29303-153.16		MONTAGECLIP T50029	MOUNTING CLIP T50029

X = SIEHE GESONDERTE E-LISTE

X = SEE SEPARATE PARTS LIST

POS. NR. POS. NO.	SACHNUMMER PART NUMBER	BEZEICHNUNG DESCRIPTION	POS. NR. POS. NO.	SACHNUMMER PART NUMBER	BEZEICHNUNG DESCRIPTION
C 40013	8452-996-190	ELKO 2200UF 20% 35V	C 61066	8650-067-046	HV-KERKO 100PF 20% 1KV
C 40031	8452-996-147	ELKO 1000UF 20% 25V	C 62021	△ 8660-098-238	SI-KERKO B-SS 2200PF 20%
C 40032	8452-996-147	ELKO 1000UF 20% 25V	C 62022	△ 8660-098-238	SI-KERKO B-SS 2200PF 20%
C 40033	8452-996-147	ELKO 1000UF 20% 25V	C 62048	△ 8660-098-234	SI-KERKO B-SS 1000PF 20%
C 50012	8452-996-147	ELKO 1000UF 20% 25V	C 70509	8452-996-147	ELKO 1000UF 20% 25V
C 50026	8452-996-147	ELKO 1000UF 20% 25V			
C 53012	8515-911-602	FKP1 142PF 2,5% 2000V	CD 21201	8325-004-148	SMD DIODE LS 4148
C 53071	8515-911-690	FKP1 9000PF 3,5% 2000V	CD 21202	8325-004-148	SMD DIODE LS 4148
C 60001	8650-081-125	HV-KERKO 1000PF 20% 1KV	CD 21203	8325-004-148	SMD DIODE LS 4148
C 60006	8650-067-046	HV-KERKO 100PF 20% 1KV	CD 21206	8325-313-103	MELF DIODE BAV103
C 60009	8515-911-040	FKP1 220PF 10% 1600V	CD 32315	8309-455-331	MELF Z-DIODE 33B 0,5W
C 60012	8650-081-111	HV-KERKO 270PF 20% 2KV	CD 34033	8309-455-052	MELF-Z DIODE 5,1 B 0,5W
C 60023	8650-081-125	HV-KERKO 1000PF 20% 1KV	CD 34513	8325-004-148	SMD DIODE LS 4148
C 60024	8650-081-125	HV-KERKO 1000PF 20% 1KV	CD 34517	8325-004-148	SMD DIODE LS 4148
C 60026	8650-081-125	HV-KERKO 1000PF 20% 1KV	CD 40008	8309-455-101	MELF-Z DIODE 10 B 0,5W
C 60027	8650-081-125	HV-KERKO 1000PF 20% 1KV	CD 40015	8325-004-148	SMD DIODE LS 4148
C 60224	8515-911-038	FKP1 100PF 10% 1600V	CD 41011	8325-004-148	SMD DIODE LS 4148
C 61004	8452-996-147	ELKO 1000UF 20% 25V	CD 43084	8325-004-148	SMD DIODE LS 4148
C 61016	8515-911-038	FKP1 100PF 10% 1600V	CD 53019	8325-004-148	SMD DIODE LS 4148
C 61021	8650-067-046	HV-KERKO 100PF 20% 1KV	CD 55003	8309-455-040	MELF-Z DIODE 3,9 B 0,5W
C 61026	8650-067-046	HV-KERKO 100PF 20% 1KV	CD 55004	8325-004-148	SMD DIODE LS 4148
C 61032	8452-996-147	ELKO 1000UF 20% 25V	CD 58001	8325-004-148	SMD DIODE LS 4148
C 61036	8650-067-046	HV-KERKO 100PF 20% 1KV	CD 58004	8325-004-148	SMD DIODE LS 4148
C 61037	8452-097-057	ELKO 28 1000UF 63V	CD 58007	8309-455-028	MELF Z-DIODE 2,7 B 0,5W
C 61042	8452-996-107	ELKO 2200UF 20% 16V	CD 58011	8325-004-148	SMD DIODE LS 4148
C 61056	8650-067-046	HV-KERKO 100PF 20% 1KV	CD 58012	8325-004-148	SMD DIODE LS 4148
C 61061	8650-067-046	HV-KERKO 100PF 20% 1KV	CD 58021	8325-004-148	SMD DIODE LS 4148

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ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

POS. NR. POS. NO.	SACHNUMMER PART NUMBER	BEZEICHNUNG DESCRIPTION	POS. NR. POS. NO.	SACHNUMMER PART NUMBER	BEZEICHNUNG DESCRIPTION
CD 58022	8325-004-148	SMD DIODE LS 4148	D 60208	8309-215-020	DIODE 1 N 4004 -GA
CD 60201	8325-004-148	SMD DIODE LS 4148	D 60221	8309-201-159	DIODE BA159
CD 60202	8325-004-148	SMD DIODE LS 4148	D 60222	8309-663-180	Z-DIODE BZT03D180
CD 60223	8325-004-148	SMD DIODE LS 4148	D 60223	8309-663-180	Z-DIODE BZT03D180
CD 70501	8309-455-052	MELF-Z DIODE 5,1 B 0,5W	D 61001	8309-516-754	DIODE BYT53B TFK/ EGP10B
CD 70506	8325-004-148	SMD DIODE LS 4148	D 61011	8309-516-038	DIODE BYV38 TFK
CD 70507	8325-004-148	SMD DIODE LS 4148	D 61012	8309-516-038	DIODE BYV38 TFK
CD 70517	8325-004-148	SMD DIODE LS 4148	D 61016	8309-820-880	DIODE MUR 880
CD 70553	8325-004-148	SMD DIODE LS 4148	D 61021	△ 8309-517-172	DIODE BYW 172 D/SK 3 G F0
CD 80060	8325-004-148	SMD DIODE LS 4148	D 61026	8309-820-840	DIODE MUR 840/BYV 29-400/
CD 80081	8325-004-148	SMD DIODE LS 4148	D 61033	8309-215-020	DIODE 1 N 4004 -GA
CD 81004	8325-004-148	SMD DIODE LS 4148	D 61036	8309-820-840	DIODE MUR 840/BYV 29-400/
			D 61056	8309-820-840	DIODE MUR 840/BYV 29-400/
CIC 32300	8305-795-410	SMD IC MSP3410B-PS PLCC	D 61061	△ 8309-517-172	DIODE BYW 172 D/SK 3 G F0
CIC 43010	8305-814-551	SMD IC MC14551BD/R2 MOT	D 61062	8309-215-020	DIODE 1 N 4004 -GA
CIC 80050	8305-158-550	SMD IC SDA5250D12	D 61066	△ 8309-517-172	DIODE BYW 172 D/SK 3 G F0
			D 61067	8309-215-020	DIODE 1 N 4004 -GA
CT 32308	8301-003-858	SMD-TRANS.BC 858 B	D 70508	8309-720-116	Z-DIODE 15 C 0,5W
CT 32310	8301-003-858	SMD-TRANS.BC 858 B			
CT 32312	8301-003-858	SMD-TRANS.BC 858 B	IC 32310	8305-205-700	IC 78M05 2%
CT 32315	8301-003-858	SMD-TRANS.BC 858 B	IC 34020	8305-339-142	IC TDA9143N2/U/S1
CT 34045	8301-004-848	SMD-TRANS.BC 848 B	IC 34030	8305-334-665	IC TDA4665V4/ U3665M-M
CT 34050	8301-003-858	SMD-TRANS.BC 858 B	IC 34510	8305-334-780	IC TDA4780V3
CT 34055	8301-004-848	SMD-TRANS.BC 848 B	IC 41010	8305-333-006	IC TDA3006 SMI
CT 34060	8301-004-848	SMD-TRANS.BC 848 B	IC 43080	8305-366-415	IC TEA6415B/ TEA6415C
CT 34065	8301-003-858	SMD-TRANS.BC 858 B	IC 50010	8305-344-173	IC TDA4173AF
CT 34075	8301-004-848	SMD-TRANS.BC 848 B	IC 55010	8305-338-145	IC TDA8145
CT 34080	8301-003-858	SMD-TRANS.BC 858 B	IC 58010	8305-204-393	IC LM393P TID/ 393N RAY/
CT 40010	8301-004-848	SMD-TRANS.BC 848 B	IC 60010	8305-354-605	IC TDA4605/3
CT 43060	8301-004-848	SMD-TRANS.BC 848 B	IC 61001	8305-204-317	IC LM317T NSC/MOT/SGS
CT 43088	8301-004-848	SMD-TRANS.BC 848 B	IC 61006	8305-204-317	IC LM317T NSC/MOT/SGS
CT 43089	8301-003-858	SMD-TRANS.BC 858 B	IC 61030	8305-204-317	IC LM317T NSC/MOT/SGS
CT 43091	8301-003-858	SMD-TRANS.BC 858 B	IC 61040	8305-204-350	IC LM350T
CT 43092	8301-004-848	SMD-TRANS.BC 848 B	IC 61050	8305-204-317	IC LM317T NSC/MOT/SGS
CT 43093	8301-004-848	SMD-TRANS.BC 848 B	IC 61310	8305-204-357	IC LM358N NSC/TID/MOT/RA
CT 43094	8301-004-848	SMD-TRANS.BC 848 B	IC 80040	8305-210-064	IC MC33164P-5RP
CT 43095	8301-004-848	SMD-TRANS.BC 848 B	IC 80060	19798-300.22	IC 27C020-150NS PROG.KPL
CT 46005	8301-004-848	SMD-TRANS.BC 848 B	IC 80065	8305-602-008	IC 24C08
CT 58012	8301-004-848	SMD-TRANS.BC 848 B	IC 80070	8305-602-410	IC XC2402P XICOR/ ST24W0
CT 60203	8301-004-848	SMD-TRANS.BC 848 B			
CT 60206	8301-006-858	SMD-TRANS.BC 858 C	L 32342	8140-523-249	DR ST 0411-GRP 10UH
CT 60213	8301-003-858	SMD-TRANS.BC 858 B	L 34517	8140-526-361	DR 0411 10UH 5%
CT 61301	8301-004-848	SMD-TRANS.BC 848 B	L 46021	8140-522-903	DR ST 0411 1,5UH 2% SIE
CT 61316	8301-004-848	SMD-TRANS.BC 848 B	L 53001	8104-982-056	FERRITPERLE HF70 BTL 3,5X
CT 70505	8301-004-848	SMD-TRANS.BC 848 B	L 53002	8104-982-056	FERRITPERLE HF70 BTL 3,5X
CT 80085	8301-003-858	SMD-TRANS.BC 858 B	L 53003	8104-982-056	FERRITPERLE HF70 BTL 3,5X/
CT 81001	8301-004-848	SMD-TRANS.BC 848 B			FERRITE BEAD
CT 81004	8301-004-848	SMD-TRANS.BC 848 B			
			L 53012	09240-114.04	DROSSEL 1,5 MH/CHOKE COIL
D 21212	8309-215-020	DIODE 1 N 4004 -GA	L 53011	8140-505-249	DR A AX-GA 10UH
D 32356	8309-215-020	DIODE 1 N 4004 -GA	L 53021	29203-122.97	LINEARITAETSREGLER (70CM)/
D 32357	8309-215-020	DIODE 1 N 4004 -GA			LINEARITY CONTROL
D 40006	△ 8309-215-020	DIODE 1 N 4004 -GA	L 53074	09246-859.55	BRUECKENSPULE M.KERN/
D 50013	8309-516-283	DIODE BYV 28-200 RA 12,5/			BRIDGE COIL
D 52003	8309-215-045	DIODE 1N4148	L 55014	09245-816.01	O/W AUSKOPPELSPULE/
D 52006	8309-215-020	DIODE 1 N 4004 -GA			E/W DECOUPLING COIL
D 53008	8309-201-005	DIODE BA157	L 60006	29701-739.08	DAEMPUNGSPERLE
D 53019	8309-709-003	Z DIODE ZY 51 ITT	L 61011	8104-982-014	DAEMPUNGSPERLE 4330 030
D 53071	8309-204-359	DIODE BY359 1500 PHI/ 5T	L 61016	8104-982-014	DAEMPUNGSPERLE 4330 030
D 53072	8309-204-230	DIODE BY 229-600	L 61021	8104-982-014	DAEMPUNGSPERLE 4330 030
D 54001	8309-201-005	DIODE BA157	L 61026	8104-982-014	DAEMPUNGSPERLE 4330 030
D 55012	8309-720-333	Z DIODE 33 C 0,5W	L 61036	8104-982-014	DAEMPUNGSPERLE 4330 030
D 60006	8309-820-880	DIODE MUR 880	L 61056	8104-982-014	DAEMPUNGSPERLE 4330 030
D 60012	8309-516-754	DIODE BYT53B TFK/ EGP10B	L 61061	8104-982-014	DAEMPUNGSPERLE 4330 030
D 60014	8309-200-021	DIODE BAV21 ITT/ TFK	L 61066	8104-982-014	DAEMPUNGSPERLE 4330 030/
D 60023	8308-560-520	GLR.B 380 C 3700/2200			DAMPING BEAD
D 60202	8309-720-131	Z DIODE 13 B 0,5W	L 70508	09241-035.97	STABKERNDROSSEL/
D 60203	8309-720-083	Z DIODE 8,2 B 0,5W			BAR CORE CHOKE COIL
D 60207	8309-215-020	DIODE 1 N 4004 -GA	L 70555	8140-526-361	DR 0411 10UH 5%
			OK60031	△ 8306-000-012	OPTOKOPPLER CNY17F1/ CNY1

Btx *32700#

ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

POS. NR. POS. NO.	SACHNUMMER PART NUMBER	BEZEICHNUNG DESCRIPTION
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OK60046	△ 8306-000-012	OPTOKOPLER CNY17F1/ CNY1
Q 32305	8382-439-185	QUARZ 18,432 MHZ
Q 34021	8382-135-004	QUARZ 4,433619 MHZ
Q 34022	8382-047-003	QUARZ 3,579545 MHZ
Q 80055	8602-331-155	KERRES #155 18MHZ

R 21101	△ 8705-321-020	MOW 0411 6,2 OHM 5% SXS
R 32315	△ 8705-370-099	MOW 0922 12 KOHM 5%
R 32357	△ 8701-121-027	KSW SI B 12 OHM 5%
R 32359	△ 8700-329-047	KSW NB 0207 82 OHM 5%
R 40013	△ 8705-329-073	MOW 0411 1 KOHM 5%
R 40017	△ 8700-329-007	KSW NB 0207 1,8 OHM 5%
R 40027	△ 8700-329-007	KSW NB 0207 1,8 OHM 5%
R 40031	△ 8700-329-031	KSW NB 0207 18 OHM 5%
R 41016	△ 8700-329-027	KSW NB 0207 12 OHM 5%
R 43004	△ 8701-121-013	KSW SI B 3,3 OHM 5%
R 43098	△ 8701-121-013	KSW SI B 3,3 OHM 5%
R 50007	△ 8766-327-206	MSW 0207 1,6 OHM 2% TK100
R 50008	△ 8766-327-206	MSW 0207 1,6 OHM 2% TK100
R 50027	△ 8700-121-205	KSW 0207 1,5 OHM 5%
R 50029	△ 8766-357-059	MSW 0414 270 OHM 5% TK100
R 52001	△ 8705-329-017	MOW 0411 4,7 OHM 5% DRA
R 53002	△ 8700-121-205	KSW 0207 1,5 OHM 5%
R 53003	△ 8700-121-205	KSW 0207 1,5 OHM 5%
R 53008	△ 8700-329-097	KSW NB 0207 10 KOHM 5%
R 53011	△ 8705-227-021	MOW 0411 6,8 OHM 5% DRA
R 53021	△ 8705-369-257	MOW 0617 220 OHM 10%
R 54001	△ 8735-003-033	DRW 0,75W 0,33 OHM 10% BW
R 55012	△ 8705-369-065	MOW 0617 470 OHM 5%
R 55014	△ 8701-230-817	NKS 3 4,7 OHM 5% ROE
R 60016	8705-370-043	MOW 0922 56 OHM 5%
R 60029	8705-369-113	MOW 0617 47 KOHM 5%
R 60207	△ 8700-329-017	KSW NB 0207 4,7 OHM 5%
R 60211	△ 8765-049-155	MSW 0414 2,7 MOHM VDE B
R 60212	△ 8765-049-155	MSW 0414 2,7 MOHM VDE B
R 61001	8790-050-017	ESTR.SK10-A 220 OHM LIN
R 61018	8705-221-321	MOW 0411 100 KOHM 10% SXA
R 61022	△ 8732-296-011	DRW 6,5 2,7 OHM 10% KP296
R 61031	8790-050-025	ESTR.SK10-A 470 OHM LIN
R 61033	8705-370-058	MOW 0922 100 OHM 10%
R 61041	8790-050-017	ESTR.SK10-A 220 OHM LIN
R 61051	8790-050-017	ESTR.SK10-A 220 OHM LIN
R 61313	8790-050-054	ESTR.SK10-A 22 KOHM LIN
R 62049	△ 8766-349-155	MSW SI 0414 2,7 MOHM 5%

SI60001	△ 8315-620-225	LOET-SI-GR 2 A/T
SI60201	△ 8315-607-026	LOET-SI-GR 100 MA/T
SI61022	△ 8315-619-028	LOET-SI-GR 1,6 A/T
SI61026	△ 8315-621-027	SI LOET T2,5A 250V
SI61036	△ 8315-621-027	SI LOET T2,5A 250V
SI61056	△ 8315-621-027	SI LOET T2,5A 250V
SI61061	△ 8315-620-225	LOET-SI-GR 2 A/T
SI61066	△ 8315-620-225	LOET-SI-GR 2 A/T

T 21211	8303-401-299	TRANS.BF299 G ITT/PBF259
T 40010	8303-287-368	TRANS.BC 368
T 50028	8302-210-544	TRANS.BD 538
T 50029	8302-210-543	TRANS.BD 537 SGS
T 52003	8302-218-043	TRANS.BDX 43
T 53001	8302-624-542	TRANS.2SC4542
T 60006	8302-805-050	TRANS.IRF PC 50

TR 52001	09245-812.31	TREIBER-UEBERTRAGER/ DRIVER TRANSFORMER
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Es gelten die Vorschriften und Sicherheitshinweise gemäß dem Service Manual "Sicherheit", Sach-Nummer 72010-800.00, sowie zusätzlich die eventuell abweichenden, landesspezifischen Vorschriften!

Btx *32700#



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.

ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

POS. NR. POS. NO.	SACHNUMMER PART NUMBER	BEZEICHNUNG DESCRIPTION
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TR60001	△ 29201-566.97	TRAFO SPERRWANDLER/ B.O.-TYPE CONVERTER TRANSFORMER
TR60220	△ 29201-701.97	TRAFO STAND-BY/ TRANSFORMER STAND-BY
TR63010	△ 29221-033.01	TRAFO DIODEN-SPLIT DIGI/ DIODE SPLIT TRANSFORMER

Ersatzteilliste Spare Parts List

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POS. NR. POS. NO.	ABB. FIG.	SACHNUMMER PART NUMBER	ANZ. QTY.	BEZEICHNUNG D	DESCRIPTION GB
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0001.000		29504-162.34	X	BAUSTEIN SIGNAL / ZF+TUNER	MODULE SIGNAL / ZF+TUNER
0002.000		29504-103.37		FEATURE-BOX (DIGI)	FEATURE BOX (DIGI)
0003.000		29700-633.01		HALTER KABEL	HOLDER CABLE
0004.000		29700-628.01		ABDECKUNG	COVER
0005.000		29700-632.01		HALTER BAUSTEIN	HOLDER MODULE
0006.000	△	29303-399.54		NETZ EINBAUGERAETESTECKER	MAINS BUILT IN PLUG
0009.000		29303-153.02		MONTAGECLIP IC366	MOUNTING CLIP IC366
0010.000		29303-153.01		MONTAGECLIP D60006/T53001	MOUNTING CLIP D60006/T53001
0011.000		29303-153.12		MONTAGECLIP T60006/IC61030/61040/ 61036/61026/61056/61016/D53071/T53001/ T50029/T50028/IC50010/61001/61006/61050	MOUNTING CLIP T60006/IC61030/61040/ 61036/61026/61056/61016/D53071/T53001/ T50029/T50028/IC50010/61001/61006/61050
0012.000		29303-153.13		MONTAGECLIP D53072	MOUNTING CLIP D53072
0013.000		29303-153.16		MONTAGECLIP T52003	MOUNTING CLIP T52003
0014.000		29303-156.18		FOLIE WAERMELEITEND D60006	HEAT CONDUCTING FOIL D60006
0015.000		29303-156.20		FOLIE WAERMELEITEND T60006/IC61030/ 61040/61036/61026/61056/61016/IC61001/ 61006/61050/50010/T50029/52003/T50028	HEAT CONDUCTING FOIL T60006/IC61030/ 61040/61036/61026/61056/61016/IC61001/ 61006/61050/50010/T50029/52003/T50028
0016.000		29303-156.21		FOLIE WAERMELEITEND D53072/53071	HEAT CONDUCTING FOIL D53072/53071

X = SIEHE GESONDERTE E-LISTE

X = SEE SEPARATE PARTS LIST

POS. NR. POS. NO.	SACHNUMMER PART NUMBER	BEZEICHNUNG DESCRIPTION
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C 54001	8605-767-111	SSPN 560PF +50-20% 400V
C 60001	8650-081-125	HV-KERKO 1000PF 20% 1KV
C 60012	8650-081-111	HV-KERKO 270PF 20% 2KV
C 60023	8650-081-125	HV-KERKO 1000PF 20% 1KV
C 60024	8650-081-125	HV-KERKO 1000PF 20% 1KV
C 60026	8650-081-125	HV-KERKO 1000PF 20% 1KV
C 60027	8650-081-125	HV-KERKO 1000PF 20% 1KV
C 61018	8625-897-762	SSPN 4700PF +50-20% 400V
C 61021	8650-067-046	HV-KERKO 100PF 20% 1KV
C 61026	8650-067-046	HV-KERKO 100PF 20% 1KV
C 61036	8650-067-046	HV-KERKO 100PF 20% 1KV
C 61056	8650-067-046	HV-KERKO 100PF 20% 1KV
C 61061	8650-067-046	HV-KERKO 100PF 20% 1KV
C 61066	8650-067-046	HV-KERKO 100PF 20% 1KV

CD 21201	8325-004-148	SMD DIODE LS 4148
CD 21202	8325-004-148	SMD DIODE LS 4148
CD 21203	8325-004-148	SMD DIODE LS 4148
CD 21206	8325-313-103	MELF DIODE BAV103
CD 32315	8309-455-330	MELF Z-DIODE 33C 0,5W
CD 34033	8309-455-052	MELF-Z DIODE 5,1 B 0,5W
CD 34513	8325-004-148	SMD DIODE LS 4148
CD 34517	8325-004-148	SMD DIODE LS 4148
CD 40007	8325-004-148	SMD DIODE LS 4148
CD 40008	8309-455-033	MELF-Z DIODE 3,3 C 0,5W
CD 41011	8325-004-148	SMD DIODE LS 4148
CD 43084	8325-004-148	SMD DIODE LS 4148

POS. NR. POS. NO.	SACHNUMMER PART NUMBER	BEZEICHNUNG DESCRIPTION
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CD 53019	8325-004-148	SMD DIODE LS 4148
CD 55003	8309-455-040	MELF-Z DIODE 3,9 B 0,5W
CD 55004	8325-004-148	SMD DIODE LS 4148
CD 58001	8325-004-148	SMD DIODE LS 4148
CD 58004	8325-004-148	SMD DIODE LS 4148
CD 58007	8309-455-028	MELF Z-DIODE 2,7 B 0,5W
CD 58011	8325-004-148	SMD DIODE LS 4148
CD 58012	8325-004-148	SMD DIODE LS 4148
CD 58021	8325-004-148	SMD DIODE LS 4148
CD 58022	8325-004-148	SMD DIODE LS 4148
CD 60201	8325-004-148	SMD DIODE LS 4148
CD 60202	8325-004-148	SMD DIODE LS 4148
CD 70501	8309-455-052	MELF-Z DIODE 5,1 B 0,5W
CD 70506	8325-004-148	SMD DIODE LS 4148
CD 70507	8325-004-148	SMD DIODE LS 4148
CD 70517	8325-004-148	SMD DIODE LS 4148
CD 70553	8325-004-148	SMD DIODE LS 4148
CD 80081	8325-004-148	SMD DIODE LS 4148
CD 81004	8325-004-148	SMD DIODE LS 4148

CIC 43010	8305-814-551	SMD IC MC14551BD/R2 MOT
CT 32308	8301-003-858	SMD-TRANS.BC 858 B
CT 32310	8301-003-858	SMD-TRANS.BC 858 B
CT 32312	8301-003-858	SMD-TRANS.BC 858 B
CT 32315	8301-003-858	SMD-TRANS.BC 858 B
CT 34045	8301-000-848	SMD TRANS BC848

Btx *32700#

ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

GRUNDIG

TV

CUC 1826

SACH-NR. / PART NO.: 29701-096.12

POS. NR. POS. NO.	SACHNUMMER PART NUMBER	BEZEICHNUNG DESCRIPTION
CT 34050	8301-003-858	SMD-TRANS.BC 858 B
CT 34055	8301-000-848	SMD TRANS BC848
CT 34060	8301-000-848	SMD TRANS BC848
CT 34065	8301-003-858	SMD-TRANS.BC 858 B
CT 34075	8301-000-848	SMD TRANS BC848
CT 34080	8301-003-858	SMD-TRANS.BC 858 B
CT 43060	8301-000-848	SMD TRANS BC848
CT 43088	8301-000-848	SMD TRANS BC848
CT 43089	8301-003-858	SMD-TRANS.BC 858 B
CT 43091	8301-002-858	SMD-TRANS.BC 858 A
CT 43092	8301-000-848	SMD TRANS BC848
CT 43093	8301-000-848	SMD TRANS BC848
CT 43094	8301-000-848	SMD TRANS BC848
CT 43095	8301-000-848	SMD TRANS BC848
CT 46005	8301-000-848	SMD TRANS BC848
CT 58012	8301-004-848	SMD-TRANS.BC 848 B
CT 60203	8301-004-848	SMD-TRANS.BC 848 B
CT 60206	8301-006-858	SMD-TRANS.BC 858 C
CT 60213	8301-003-858	SMD-TRANS.BC 858 B
CT 61301	8301-004-848	SMD-TRANS.BC 848 B
CT 61316	8301-004-848	SMD-TRANS.BC 848 B
CT 70505	8301-004-848	SMD-TRANS.BC 848 B
CT 80085	8301-003-858	SMD-TRANS.BC 858 B
CT 81001	8301-000-848	SMD TRANS BC848
CT 81004	8301-004-848	SMD-TRANS.BC 848 B
D 21212	8309-215-006	DIODE 1 N 4001 -GA
D 40009	8309-215-045	DIODE 1N4148
D 52003	8309-215-045	DIODE 1N4148
D 52006	8309-215-006	DIODE 1 N 4001 -GA
D 53008	8309-201-005	DIODE BA157
D 53019	8309-709-003	Z DIODE ZY 51 ITT
D 54001	8309-215-466	DIODE 1 N 4936
D 55012	8309-720-333	Z DIODE 33 C 0,5W
D 60012	8309-516-754	DIODE BYT53B TFK/ EGP10B
D 60014	8309-200-021	DIODE BAV21 ITT/ TFK
D 60203	8309-720-092	Z DIODE 9,1 B 0,5W
D 60221	8309-201-159	DIODE BA159
D 60222	8309-663-180	Z-DIODE BZT03D180
D 61001	8309-516-754	DIODE BYT53B TFK/ EGP10B
D 61011	8309-516-038	DIODE BYV38 TFK
D 61012	8309-516-038	DIODE BYV38 TFK
D 61016	8309-820-880	DIODE MUR 880
D 61026	8309-820-840	DIODE MUR 840/BYV 29-400/
D 61033	8309-215-006	DIODE 1 N 4001 -GA
D 61036	8309-820-840	DIODE MUR 840/BYV 29-400/
D 61056	8309-820-840	DIODE MUR 840/BYV 29-400/
D 61062	8309-215-010	DIODE 1 N 4003 -GA
D 61067	8309-215-010	DIODE 1 N 4003 -GA
D 70508	8309-720-116	Z DIODE 15 C 0,5W
D 81000	8309-720-056	Z DIODE 5,6 C 0,5W
IC 40020	8305-337-261	IC TDA7262 SGS
IC 61030	8305-204-317	IC LM 317 T NSC/MOT/
IC 61040	8305-204-350	IC LM 350 T
IC 80040	8305-210-064	IC MC 33164 P-5RP
IC 80060	19798-300.01	IC 27C020-15NS PROG.KPL
L 32342	8140-522-249	DR ST 0411 10UH
L 34517	8140-526-534	DR AX 0411-GA 10UH
L 46004	8104-982-014	DAEMPfungSPERLE/ DAMPING BEAD
L 53001	8104-982-056	FERRITPERLE HF 70 BTL
L 53002	8104-982-056	FERRITPERLE HF 70 BTL
L 53003	8104-982-056	FERRITPERLE HF 70 BTL/ FERRITE BEAD

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

Btx *32700#



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.

ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

POS. NR. POS. NO.	SACHNUMMER PART NUMBER	BEZEICHNUNG DESCRIPTION
L 53011	8140-505-249	DR A AX-GA 10UH
L 61011	8104-982-014	DAEMPfungSPERLE
L 61016	8104-982-014	DAEMPfungSPERLE
L 61021	8104-982-014	DAEMPfungSPERLE
L 61026	8104-982-014	DAEMPfungSPERLE
L 61036	8104-982-014	DAEMPfungSPERLE
L 61056	8104-982-014	DAEMPfungSPERLE
L 61061	8104-982-014	DAEMPfungSPERLE
L 61066	8104-982-014	DAEMPfungSPERLE/ DAMPING BEAD
L 70555	8140-526-534	DR AX 0411-GA 10UH
R 53011	8705-227-021	MOW 0411 6,8 OHM 5% DRA
R 61018	8705-221-321	MOW 0411 100 KOHM 10% SXA
SI 60001	8315-620-225	LOET-SI.-GR 2 A/T
SI 60201	8315-607-026	LOET-SI.-GR 100 MA/T
SI 61022	8315-619-028	LOET-SI.-GR 1,6 A/T
SI 61026	8315-621-027	LOET-SI.-GR 2,5 A/T
SI 61036	8315-621-027	LOET-SI.-GR 2,5 A/T
SI 61056	8315-621-027	LOET-SI.-GR 2,5 A/T
SI 61061	8315-620-225	LOET-SI.-GR 2 A/T
SI 61066	8315-620-225	LOET-SI.-GR 2 A/T
T 21211	8303-401-299	TRANS.S 298 T TFK/PBF 259
T 40010	8303-287-368	TRANS.BC 368
T 60223	8302-269-091	TRANS.BUZ 90 A TYP 2/3
TR 52001	09245-812.31	TREIBER-UEBERTRAGER/ DRIVER TRANSFORMER
TR 53010	29201-680.01	TRAFO DIODEN-SPLIT DIGI/ DIODE SPLIT TRANSFORMER DIGI
TR 60001	29201-568.97	TRAFO SPERRWANDLER/ B.O.-TYPE CONVERTER TRANSFORMER CPL.
TR 60220	29201-701.97	TRAFO STAND-BY/ TRANSFORMER STAND-BY

Ersatzteilliste Spare Parts List

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POS. NR. POS. NO.	SACHNUMMER PART NUMBER	BEZEICHNUNG DESCRIPTION
CD 1406	8309-455-052	MELF-Z DIODE 5,1 B 0,5W
CD 1407	8325-004-148	SMD DIODE LS 4148
CD 1411	8309-455-040	MELF-Z DIODE 3,9 B 0,5W
CD 1412	8309-195-042	SMD-DIODE BAR 42 THO
CD 1663	8309-455-052	MELF-Z DIODE 5,1 B 0,5W
CD 1687	8309-455-052	MELF-Z DIODE 5,1 B 0,5W
CIC 1370	8305-949-205	SMD IC SDA9205-2 SIE
CIC 1410	8305-949-360	SMD IC SDA9363 SIE
CIC 1600	8305-949-290	SMD IC SDA9290
CIC 1605	8305-949-251	SMD IC SDA9251-2X
CIC 1610	8305-949-251	SMD IC SDA9251-2X
CIC 1615	8305-949-251	SMD IC SDA9251-2X
CIC 1640	8305-949-281	SMD IC SDA9280-A41
CIC 1650	8305-949-220	SMD IC SDA9220
CL 1461	8140-526-494	SMD DR 1206 0,22UH 10%
CL 1462	8140-526-494	SMD DR 1206 0,22UH 10%
CT 1312	8301-166-051	SMD-TRANS.BCX 51-16
CT 1313	8301-004-849	SMD-TRANS.BC 849 B
CT 1330	8301-004-848	SMD-TRANS.BC 848 B
CT 1350	8301-004-848	SMD-TRANS.BC 848 B
CT 1435	8301-004-848	SMD-TRANS.BC 848 B
CT 1501	8301-004-849	SMD-TRANS.BC 849 B
CT 1506	8301-166-051	SMD-TRANS.BCX 51-16
CT 1511	8301-004-849	SMD-TRANS.BC 849 B
CT 1516	8301-166-051	SMD-TRANS.BCX 51-16
CT 1521	8301-004-849	SMD-TRANS.BC 849 B
CT 1526	8301-166-051	SMD-TRANS.BCX 51-16
CT 1541	8301-004-848	SMD-TRANS.BC 848 B
CT 1545	8301-004-848	SMD-TRANS.BC 848 B
CT 1680	8301-004-848	SMD-TRANS.BC 848 B
IC 1382	8305-440-431	IC TL 431 CLP RP
IC 1430	8305-158-957	IC SDA 9257-2 SIE
L 1303	8140-532-085	SPULE 5X5 085/COIL
L 1306	8140-532-086	SPULE 5X5 086/COIL
L 1312	8140-526-535	DR AX 0411-GA 2,2UH
L 1323	8140-532-085	SPULE 5X5 085/COIL
L 1326	8140-532-086	SPULE 5X5 086/COIL
L 1343	8140-532-085	SPULE 5X5 085/COIL
L 1346	8140-532-086	SPULE 5X5 086/COIL
L 1351	09241-035.97	STABKERNDROSSEL
L 1353	09241-035.97	STABKERNDROSSEL
L 1357	09241-035.97	STABKERNDROSSEL/ BAR CORE CHOKE COIL
L 1358	8140-526-412	DR AX 0411 10UH
L 1371	8104-982-014	DAEMPfungSPERLE
L 1378	8104-982-014	DAEMPfungSPERLE/ DAMPING BEAD

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

Btx *32700#



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.

ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

GRUNDIG

TV

FEATURE-BOX DIGI BASIC

SACH-NR. / PART NO.: 29504-103.37

POS. NR. POS. NO.	SACHNUMMER PART NUMBER	BEZEICHNUNG DESCRIPTION
L 1381	8140-526-535	DR AX 0411-GA 2,2UH
L 1396	8104-982-014	DAEMPfungSPERLE/ DAMPING BEAD
L 1401	8140-526-412	DR AX 0411 10UH
L 1402	8140-526-412	DR AX 0411 10UH
L 1403	8140-526-412	DR AX 0411 10UH
L 1407	8140-526-412	DR AX 0411 10UH
L 1411	8140-526-536	DR AX 0411-GA 4,7UH
L 1412	8140-526-536	DR AX 0411-GA 4,7UH
L 1421	8104-982-014	DAEMPfungSPERLE
L 1423	8104-982-014	DAEMPfungSPERLE
L 1432	8104-982-014	DAEMPfungSPERLE
L 1437	8104-982-014	DAEMPfungSPERLE
L 1508	8104-982-014	DAEMPfungSPERLE/ DAMPING BEAD
L 1509	8140-526-535	DR AX 0411-GA 2,2UH
L 1518	8104-982-014	DAEMPfungSPERLE/ DAMPING BEAD
L 1532	8140-526-412	DR AX 0411 10UH
L 1537	8140-526-412	DR AX 0411 10UH
L 1538	8140-526-412	DR AX 0411 10UH
L 1543	8140-526-412	DR AX 0411 10UH
L 1544	8140-526-412	DR AX 0411 10UH
L 1546	8140-526-412	DR AX 0411 10UH
L 1641	8104-982-014	DAEMPfungSPERLE
L 1651	8104-982-014	DAEMPfungSPERLE
L 1656	8104-982-014	DAEMPfungSPERLE/ DAMPING BEAD
L 1662	8140-526-412	DR AX 0411 10UH
L 1686	8104-982-014	DAEMPfungSPERLE/ DAMPING BEAD
L 1687	8140-525-897	DR AX 0411-GA 100UH
L 1691	8104-982-014	DAEMPfungSPERLE/ DAMPING BEAD
Q 1408	8602-331-181	KERRES #181 21,1MHZ
Q 1441	8382-443-204	QUARZ 20,48 MHZ
Q 1695	8382-437-675	QUARZ 6,75MHZ

GRUNDIG

TV

Ersatzteilliste
Spare Parts List

06 / 96

ERSETZT AUSGABE 11/95
SUBSTITUTE EDITION 11/95BAUSTEIN SIGNAL+ZF+TUNER
MODULE SIGNAL +IF+TUNER

SACH-NR. / PART NO.: 29504-162.34

POS. NR. POS. NO.	ABB. FIG.	SACHNUMMER PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
0001.000		29504-201.21		CHIP-TUNER/ATA 1200	CHIP-TUNER/ATA 1200
				WW. = WAHLWEISE	WW. = OPTIONAL

POS. NR. POS. NO.	SACHNUMMER PART NUMBER	BEZEICHNUNG DESCRIPTION	POS. NR. POS. NO.	SACHNUMMER PART NUMBER	BEZEICHNUNG DESCRIPTION
CD 32000	8325-004-148	SMD DIODE LS 4148	L 32000	8140-505-749	DR B 10UH 5%
CD 32031	8325-004-148	SMD DIODE LS 4148	L 32001	8140-525-343	DR B AX-GA 15UH
CD 32032	8325-004-148	SMD DIODE LS 4148	L 32002	8140-526-356	DR 0411 4,7UH 5%
CD 32041	8325-301-582	SMD-DIODE BA 582	L 32003	8140-505-747	DR B 8,2UH 5%
CD 32042	8325-301-582	SMD-DIODE BA 582	L 32008	8140-525-343	DR B AX-GA 15UH
CD 32043	8325-301-582	SMD-DIODE BA 582	L 32109	8140-526-926	DR N-GR 12UH
CD 32044	8325-301-582	SMD-DIODE BA 582			
CD 32047	8325-301-582	SMD-DIODE BA 582	R 32033	8792-002-146	ESTR.S6 4,7 KOHM LIN
CD 32048	8325-301-582	SMD-DIODE BA 582	R 32082	8792-002-151	ESTR.S6 10 KOHM LIN
			R 32252	8792-002-125	ESTR.S6 470 OHM LIN
CIC 32030	8305-814-094	SMD IC MC 14094 BD			
CT 32026	8301-004-848	SMD-TRANS.BC 848 B			
CT 32061	8301-004-848	SMD-TRANS.BC 848 B			
CT 32062	8301-004-848	SMD-TRANS.BC 848 B			
CT 32063	8301-004-848	SMD-TRANS.BC 848 B			
CT 32064	8301-004-848	SMD-TRANS.BC 848 B			
CT 32105	8301-004-857	SMD-TRANS.BC 857 B			
CT 32111	8301-004-848	SMD-TRANS.BC 848 B			
CT 32119	8301-004-848	SMD-TRANS.BC 848 B			
CT 32122	8301-004-857	SMD-TRANS.BC 857 B			
CT 32123	8301-004-848	SMD-TRANS.BC 848 B			
CT 32124	8301-004-857	SMD-TRANS.BC 857 B			
CT 32125	8301-004-848	SMD-TRANS.BC 848 B			
CT 32128	8301-004-848	SMD-TRANS.BC 848 B			
CT 32132	8301-004-848	SMD-TRANS.BC 848 B			
CT 32134	8301-004-857	SMD-TRANS.BC 857 B			
CT 32251	8301-185-020	SMD-TRANS.BFS 20 ON4158			
F 32041	8140-533-605	SPULE 7X7 605			
F 32043	8140-535-351	SPULE 7X7 351 FARBE 709			
F 32051	8319-009-461	OFWFL K9460 SIE			
F 32052	8319-009-455	OFWFL L9455M			
F 32054	8319-003-450	OFW K3450K SIE			
WW.	8319-003-955	OFW G 3955 SIE			
WW.	8319-003-951	OFW G 3957 M SIE			
F 32101	8141-112-405	FILTER 7X7 405			
F 32109	8602-755-042	CER.TRAP 42			
F 32121	8141-111-360	FILTER 7X7 360			
F 32109	8602-755-542	KERTRAP #42 6MHZ			
IC 32040	8305-344-474	IC TDA4474 TEMIC			

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.

Btx *32700#

ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

Ersatzteilliste
Spare Parts List

02 / 96

ERSETZT AUSGABE 11/95
SUBSTITUTE EDITION 11/95BILDROHRPLATTE
PICTURE TUBE BOARD

SACH-NR. / PART NO.: 29305-122.04

POS. NR. POS. NO.	ABB. FIG.	SACHNUMMER PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
0001.000	△	29303-752.15		BILDROHRFASSUNG	CRT SOCKET
0002.000		29303-153.02	3	MONTAGECLIP IC730/750/770	MOUNTING CLIP IC730/750/770
0003.000	△	29201-361.01		FOKUS UND UG2-REGLER	FOCUS AND UG2-CONTROL

POS. NR. POS. NO.	SACHNUMMER PART NUMBER	BEZEICHNUNG DESCRIPTION	POS. NR. POS. NO.	SACHNUMMER PART NUMBER	BEZEICHNUNG DESCRIPTION
C 722	8563-731-612	KF 21 0,01 UF 20% 1500V			
C 733	8668-203-002	ABBLOCK-C 0,022UF -GR 25V			
C 736	8668-203-023	ABBLOCK-C 0,1 UF -GR 25V			
C 753	8668-203-002	ABBLOCK-C 0,022UF -GR 25V			
C 756	8668-203-023	ABBLOCK-C 0,1 UF -GR 25V			
C 773	8668-203-002	ABBLOCK-C 0,022UF -GR 25V			
C 776	8668-203-023	ABBLOCK-C 0,1 UF -GR 25V			
D 703	8309-720-034	Z DIODE 3,3 B 0,5W			
D 756	8309-215-045	DIODE 1N4148			
IC 730	8305-336-111	IC TDA6111N4			
IC 750	8305-336-111	IC TDA6111N4			
IC 770	8305-336-111	IC TDA6111N4			
L 710	8140-526-530	DR AX 0411-GA 33UH			
R 703	△ 8700-007-449	KSW 0207 100 OHM 5%			

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.

Btx *32700#

ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

Ersatzteilliste
Spare Parts List

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TV

BILDROHRPLATTE
PICTURE TUBE BOARD

SACH-NR. / PART NO.: 29305-122.10

POS. NR. ABB. POS. NO. FIG.	SACHNUMMER PART NUMBER	ANZ. QTY.	BEZEICHNUNG D	DESCRIPTION GB
0001.000	29303-752.15		BILDROHRFASSUNG	CRT SOCKET
0002.000	29201-361.18		FOKUS U.UG2-REGLER	FOCUS AND UG2-CONTROLLER
0003.000	29303-153.02		MONTAGECLIP IC	ASSEMBLY CLIP IC

POS. NR. POS. NO.	SACHNUMMER PART NUMBER	BEZEICHNUNG DESCRIPTION	POS. NR. POS. NO.	SACHNUMMER PART NUMBER	BEZEICHNUNG DESCRIPTION
C 722	8563-731-612	KF 21 0,01 UF 20% 1500V			
C 733	8668-203-002	ABBLOCK-C 0,022UF -GR			
C 736	8668-203-023	ABBLOCK-C 0,1 UF -GR			
C 753	8668-203-002	ABBLOCK-C 0,022UF -GR			
C 756	8668-203-023	ABBLOCK-C 0,1 UF -GR			
C 773	8668-203-002	ABBLOCK-C 0,022UF -GR			
C 776	8668-203-023	ABBLOCK-C 0,1 UF -GR			
D 703	8309-720-033	Z DIODE 3,3 C 0,5W			
D 756	8309-215-045	DIODE 1N4148			
IC 730	8305-336-111	IC TDA6111N4			
IC 750	8305-336-111	IC TDA6111N4			
IC 770	8305-336-111	IC TDA6111N4			
L 710	8140-526-530	DR AX 0411-GA 33UH			
R 703	8700-007-449	KSW 0207 100 OHM 5%			

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

Btx *32700#



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.

ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION