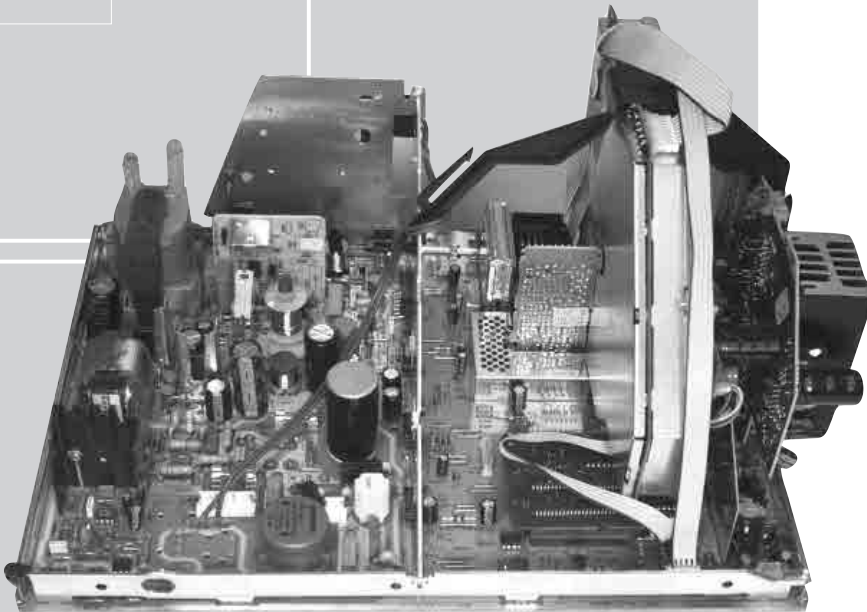


PFC



CUC 2058 D

ARGANTO 82

MW 82 – 502 IRDT/DOLBY

GCM7400GB, VNM

CUC 2059 D

ARGANTO 70

MW 70 – 502 IRDT/DOLBY

GCM7300GB, VNM

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

Service Manual

CUC 2059 D
CUC 2058 D

Materialnr./Part No.
720100259000

Service Manual

Sicherheit
Safety

Materialnr./Part No.
720108000000

Service Training

CUC 2000

Materialnr./Part No.
720103503500
720103503600

Grundig Service

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

Technik:

TV	0180/52318-41
TV	0180/52318-49
SAT	0180/52318-48
VCR/LiveCam	0180/52318-42
HiFi/Audio	0180/52318-43
Car Audio	0180/52318-44
Telekommunikation	0180/52318-45
Fax:	0180/52318-51

Planatron (8.00-22.00 Uhr) 0180/52318-99

Ersatzteil-Verkauf: Mo.-Fr. 8.00-19.00 Uhr

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

Materialnummer/Part Number 720100259200

Änderungen vorbehalten/Subject to alteration • Printed in Germany

E-B5-SA 17 0201 • 8002/8012 (GB/IRL)

<http://www.grundig.com>

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



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

Für die auf der Titelseite aufgeführten Chassis gilt das Service Manual CUC 2059 D, 2058 D.
Diese Ergänzung dokumentiert die Unterschiede bzw. zusätzlichen Bestückungen der auf der Titelseite aufgeführten Geräte.

Grundlage für den Service sind:
– Service Manual CUC 2059 D, 2058 D (Materialnummer 720100259000)
– Service Manual "Sicherheit" (Materialnummer 720108000000)

The Service Manual CUC 2059 D, 2058 D applies to the chassis specified on the front page.
This Manual describes the differences and the additionally fitted components of the TV receivers specified on the front page.

Basic instructions for servicing are given in the:
– Service Manual CUC 2059 D, 2058 D (Part number 720100259000)
– Service Manual "Safety" (Part number 720108000000)

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Hinweise

Vor dem Öffnen des Gehäuses zuerst den Netzstecker ziehen!

Leitungsverlegung
Bevor Sie die Leitungen und insbesondere die Masseleitungen lösen, muss die Leitungsverlegung zu den einzelnen Baugruppen wie z.B. Chassis, Netzschalterplatte, Bedieneinheit, Bildrohrplatte, Ablenkeinheit, Lautsprecher usw. beachtet werden.
Nach erfolgter Reparatur ist es notwendig, die Leitungsführung wieder in den werkseitigen Zustand zu versetzen um eventuell spätere Ausfälle oder Störungen zu vermeiden.

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

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

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Notes

Before opening the cabinet disconnect the mains plug!

Disassembly of the chassis
Before disconnecting any leads and especially the earth connecting leads observe the way they are routed to the individual assemblies like the chassis, mains switch panel, keyboard control panel, picture tube panel, deflection unit, loudspeaker and so on.
On completion of the repairs the leads must be laid out as originally fitted at the factory to avoid later failures or disturbances.

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

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

Modulaufstellung – Service Manual mit Ergänzungen

List of Modules – Service Manual with Supplements

Modul Module	Materialnummer Part Number	Service Manual	2. Ergänzung Supplement 2
		CUC 2059 D / 2058 D 720100259000	CUC 2059 D / 2058 D 720100259200
Chassisplatte Chassis Board	29704009	Seite / Page 3-3	Seite / Page 5
Prozessorplatte Processor Board	293052192400	–	Seite / Page 30
Bildrohrplatte CRT Panel	293051222500	Seite / Page 3-37	Seite / Page 35
Keyboard	295010838300	Seite / Page 3-1	Seite / Page 37
Netzschalterplatte Main Switch Panel	293051658300	Seite / Page 3-29	–
Panorama View	293051290400	Seite / Page 3-28	–
YUV-Interface-Platte YUV Interface Board	293051290600	Seite / Page 3-31	–
IRDT-Baustein IRDT Module	295042070100	Seite / Page 3-39	–
NF-Verstärker AF Amplifier	295041048400	Seite / Page 3-45	Seite / Page 33
Buchsenplatte Socket Board	293051606300	Seite / Page 3-33	–

Modulübersicht / Module List

	Materialnummer Part Number	ARGANTO 82 MW 82-502 IRDT/DOLBY (VNM) CUC 2058 D	ARGANTO 70 MW 70-502 IRDT/DOLBY (VNM) CUC 2059 D
Bestell-Nr. Order No.		GCM7400GB	GCM7300GB
Chassis		297040146900	297040146800
Tuner PLL	295043010100	●	●
Prozessorplatte Processor Board	293052192400	●	●
Bildrohrplatte CRT Panel	293051222500	●	●
Keyboard	295010838300	●	●
Netzschalterplatte Main Switch Panel	293051658300	●	●
Panorama View	293051290400	●	●
YUV-Interface-Platte YUV Interface Board	293051290600	●	●
IRDT-Baustein IRDT Module	295042070100	●	●
NF-Verstärker AF Amplifier	295041048400	●	●
Fernbedienung TP 815 C Remote Control TP 815 C	296420611400	●	●

Technische Daten / Technical Data

	ARGANTO 82 MW 82-502 IRDT/DOLBY (VNM) CUC 2058 D	ARGANTO 70 MW 70-502 IRDT/DOLBY (VNM) CUC 2059 D
Bildröhre / Picture Tube		
Sichtbares Bild Visible picture	76cm	66cm
Bildschirmdiagonale Screen diagonal	16:9, 82cm (32") Super Flat, Black Line Invar, Videocolor	16:9, 70cm (28") Super Flat, Black Line Invar, Videocolor
Ablenkwinkel Deflection angle	104	104
Bildwechselfrequenz Vertical frequency	50Hz	50Hz
Elektronik / Electronic		
Programmspeicherplätze Programme positions	Analog 99 TV / Digital 99 TV + 3 AV	Analog 99 TV / Digital 99 TV + 3 AV
AV-Auswertung AV evaluation	auf jeden Programmplatz programmierbar / programmable for every programme position	
Tuner	PLL-Frequenz synthesizer tuning UHF/VHF (global pinning) PLL frequency synthesizer tuning UHF/VHF (global pinning)	PLL-Frequenz synthesizer tuning UHF/VHF (global pinning) PLL frequency synthesizer tuning UHF/VHF (global pinning)
TV-Normen TV-Standards	PAL, NTSC 4,43MHz, I	PAL, NTSC 4,43MHz, I
Stereo-Systeme Stereo systems	Nicam 6,52MHz (I)	Nicam 6,52MHz (I)
Videotext / Digital MHEG Teletext / Digital MHEG	8 Seiten TOP/FLOF-text, VPS, WSS 8 pages TOP/FLOF-text, VPS, WSS	8 Seiten TOP/FLOF-text, VPS, WSS 8 pages TOP/FLOF-text, VPS, WSS
Musikleistung (Virtual Dolby) Music power (Virtual Dolby)	Stereo 2 X 15W, Subwoofer 30W	Stereo 2 X 15W, Subwoofer 30W
Anschlüsse Front / Connections Front		
Kopfhörer Headphones	Stereo 3,5mm Klinkenbuchse, Lautstärke regelbar, individuelle Tonkanalwahl bei 2-Ton-Empfang Stereo 3.5mm jacksocket, adjustable volume, individual channel selection with dual-sound broadcasts	
Cinch-AV-Buchse Cinch-AV socket	1x FBAS Video / in 1x CCVS Video / in 2x Audio / in (AV 3 Position)	1x FBAS Video / in 1x CCVS Video / in 2x Audio / in (AV 3 Position)
Anschlüsse Rückwand / Connections Rear Panel		
Euro AV 1 (schwarz/black)	FBAS Ein-/Ausgang, S-Video-Eingang, RGB Eingang CCVS in-/output, S-Video input, RGB input	FBAS Ein-/Ausgang, S-Video-Eingang, RGB Eingang CCVS in-/output, S-Video input, RGB input
Euro AV 2 (schwarz/black)	FBAS Ein-/Ausgang, S-Video-Eingang, RGB Eingang CCVS in-/output, S-Video input, RGB input	FBAS Ein-/Ausgang, S-Video-Eingang, RGB Eingang CCVS in-/output, S-Video input, RGB input
Interface	RS 232, RJ 11 Modem*	RS 232, RJ 11 Modem*
Netzteil / Mains Stage		
Netzspannung (Regelber.) Mains voltage (variable)	165...265V	165...265V
Netzfrequenz Mains frequency	50 / 60Hz	50 / 60Hz
Leistungsaufnahme Power consumption	ca. 105W	ca. 100W
Standby aktiv / passiv Standby active / passive	ca. 65W / ca. 6W	ca. 65W / ca. 6W

* GENEHMIGT für den Anschluss an die in der Bedienungsanleitung genannten Telekommunikationssysteme unter den darin genannten Bedingungen.



610107

* APPROVED for connection to telecommunication systems specified in the instructions for use subject to the conditions set out in them.

Platinenabbildungen und Schaltpläne / Layout of PCBs and Circuit Diagrams

Chassisplatte

Koordinaten für die Bauteile der Lötseite (Unterseite)

Pos.-Nr./ Pos. No.	Koordinaten/ Coordinates		Pos.-Nr./ Pos. No.	Koordinaten/ Coordinates		Pos.-Nr./ Pos. No.	Koordinaten/ Coordinates	
	X	Y		X	Y		X	Y
CBR100	110	43	CC32336	60	25	CC43283	115	224
CBR101	130	54						
CBR102	168	211						
CBR103	116	49						
CBR105	99	49						
CBR107	137	91	CC32337	60	28	CC43284	77	169
CBR109	165	233		60	28		140	26
CBR111	145	27		41	179		145	67
CBR112	131	49		35	187		80	54
CBR120	41	194		34	194		54	54
CBR121	73	188	CC32348	62	211	CC46014	80	54
CBR123	73	186					77	54
CBR130	136	103				CC46016	82	49
CBR136	97	143					102	49
CBR137	44	66					104	49
CBR139	82	59	CC32341	40	186		107	49
CBR141	118	116		58	202	CC46022	107	49
CBR143	161	233		120	87		132	38
CBR145	144	46		153	200	CD32411	144	185
CBR146	176	164		148	160		141	185
CBR147	116	63	CC32350	119	185		97	25
CBR148	156	148		139	127	CIC32410	128	84
CBR149	162	229		145	130		157	245
CBR151	115	108		137	133			
CBR157	86	151		147	156			
CBR161	20	209	CC32342	119	185	CL31051	88	219
CBR164	28	26		139	127		91	219
CBR167	180	228		145	130	CR31003	77	201
CBR173	109	46		127	127		77	199
CBR174	170	102		113	148		69	20
CC31019	140	228	CC34032	75	89		77	11
CC31047	139	237		119	156	CR31009	67	45
CC31051	140	224		121	130			
CC31052	140	222		129	130	CR31019	131	219
CC32026	53	99		105	145		140	230
CC32109	135	98	CC34039	121	130		122	215
CC32110	127	99		119	156		102	215
CC32118	124	97		129	130		91	215
CC32121	105	89		105	145	CR31022	131	211
CC32122	105	86		105	145		131	211
CC32123	105	84	CC34041	110	148		131	204
CC32124	105	81		129	130		131	208
CC32301	61	194		105	145			
CC32302	62	202	CC34042	105	145	CR31041	124	213
CC32303	66	194		105	145		129	215
CC32304	73	195		105	145		131	211
CC32306	69	194		105	145		131	204
CC32307	40	173		105	145		131	208
CC32308	40	169	CC34043	116	165	CR31042	129	215
CC32309	32	187		101	164		129	215
CC32310	29	187		112	140		131	211
CC32311	35	173		130	132		131	211
CC32312	35	169		133	132		131	211
CC32313	30	173	CC34044	101	164	CR31043	131	211
CC32314	27	187		112	140		131	211
CC32315	24	187		112	140		131	211
CC32316	30	169		112	140		131	211
CC32317	25	173		112	140		131	211
CC32318	25	169	CC34045	101	164	CR31044	131	211
CC32319	21	187		112	140		131	211
CC32321	20	173		112	140		131	211
CC32322	20	169		112	140		131	211
CC32328	41	202		112	140		131	211
CC32333	56	206	CC34046	101	164		131	211
				112	140		131	211
				112	140		131	211
				112	140		131	211
				112	140		131	211

Chassis Board

Coordinates of the Components on the Solder Side (Bottom Side)

Pos.-Nr./ Pos. No.	Koordinaten/ Coordinates		Pos.-Nr./ Pos. No.	Koordinaten/ Coordinates		Pos.-Nr./ Pos. No.	Koordinaten/ Coordinates	
	X	Y		X	Y		X	Y
CC81050	108	76	CR32301	73	192	CR34046	86	146
CC81055	102	76	CR32302	54	194	CR34047	88	149
CC81057	125	29	CR32303	37	187	CR34048	93	143
CC81058	126	72	CR32304	18	190	CR34049	90	144
CC81059	96	80	CR32305	15	192	CR34053	112	108
CC81062	113	43	CR32306	85	172	CR34054	105	104
			CR32307	42	173	CR34055	93	115
CC81082	88	16	CR32309	33	178	CR34057	137	131
CC81508	176	9	CR32310	30	178	CR34058	152	101
CC82001	141	50						
CC82004	132	38	CR32311	37	173	CR34059	150	101
			CR32313	32	173	CR34061	106	141
CD32411	144	185	CR32314	27	178	CR34062	64	122
CD32421	141	185	CR32315	25	178	CR34064	125	125
CD80007	97	25	CR32317	27	173	CR34067	118	125
CIC32410	128	84	CR32318	22	178	CR34076	101	142
CIC43050	157	245	CR32319	22	173	CR40021	28	113
			CR32334	73	183	CR40026	38	67
CL31051	88	219	CR32335	55	186	CR40031	20	113
CL31052	91	219	CR32336	38	194	CR40041	25	113
CR31003	77	201	CR32337	58	174	CR40046	38	81
CR31006	77	199	CR32338	51	186	CR40051	23	113
CR31008	69	20	CR32339	58	20	CR40058	16	107
CR31009	77	11	CR32340	61	20	CR40059	27	104
CR31011	67	45	CR32341	46	186	CR40060	21	101
CR31019	131	219	CR32342	43	186	CR40061	15	74
CR31021	140	230	CR32345	43	159	CR40062	38	69
CR31022	132	215	CR32360	35	204	CR40064	15	72
CR31029	89	215	CR32364	62	187	CR40070	18	113
CR31033	91	215	CR32401	127	77	CR40071	16	109
CR31041	124	213	CR32402	125	77	CR40072	16	142
CR31042	129	215	CR32403	120	82	CR41011	38	18
CR31043	131	211	CR32404	130	72	CR41022	16	35
CR31044	131	204	CR32406	120	84	CR41023	21	35
CR31045	131	208	CR32407	120	80	CR41032	28	28
CR31046	142	237	CR32408	122	77	CR41033	31	27
CR31047	131	234	CR32409	151	117	CR43001	48	202
CR31048	150	232	CR32410	129	77	CR43002	44	215
CR32021	135	185	CR32411	152	172	CR43003	32	228
CR32026	53	106	CR32412	155	197	CR43006	51	202
CR32101	124	100	CR32414	155	194	CR43008	20	228
CR32102	118	110	CR32416	144	164	CR43011	29	203
CR32103	132	120	CR32417	132	77	CR43013	17	244
CR32104	118	106	CR32418	134	77	CR43016	32	203
CR32105	127	92	CR32419	149	164	CR43018	18	228
CR32107	120	101	CR32420	138	185	CR43021	44	202
CR32108	125	117	CR32431	148	174	CR43023	91	230
CR32109	130	99	CR32432	148	184	CR43026	46	202
CR32110	133	103	CR33014	141	132	CR43028	83	230
CR32111	114	97	CR33016	145	133	CR43031	21	203
CR32112	114	89	CR33018	160	177	CR43033	80	244
CR32113	108	98	CR33019	102	173	CR43036	23	203
CR32114	110	98	CR33020	142	156	CR43038	76	231
CR32119	119	92	CR33025	145	125	CR43040	81	253
CR32124	101	82	CR34032	75	86	CR43041	89	244
CR32128	90	99	CR34033	74	92	CR43042	86	244
CR32129	94	98	CR34036	94	133	CR43043	30	244
CR32131	88	115	CR34037	97	133	CR43044	27	244
CR32132	119	90	CR34038	100	139	CR43045	25	244
CR32133	109	82	CR34039	101	157	CR43046	98	243
CR32141	105	97	CR34040	102	155	CR43047	93	243
CR32142	105	99	CR34041	121	156	CR43048	155	238
CR32143	105	94	CR34042	108	148	CR43051	161	252
CR32144	105	92	CR34043	116	156	CR43052	111	243
CR32150	114	86	CR34044	110	170	CR43053	109	247
CR32300	73	190	CR34045	107	155	CR43054	36	247

Chassisplatte

Koordinaten für die Bauteile der Bestückungsseite (Oberseite)

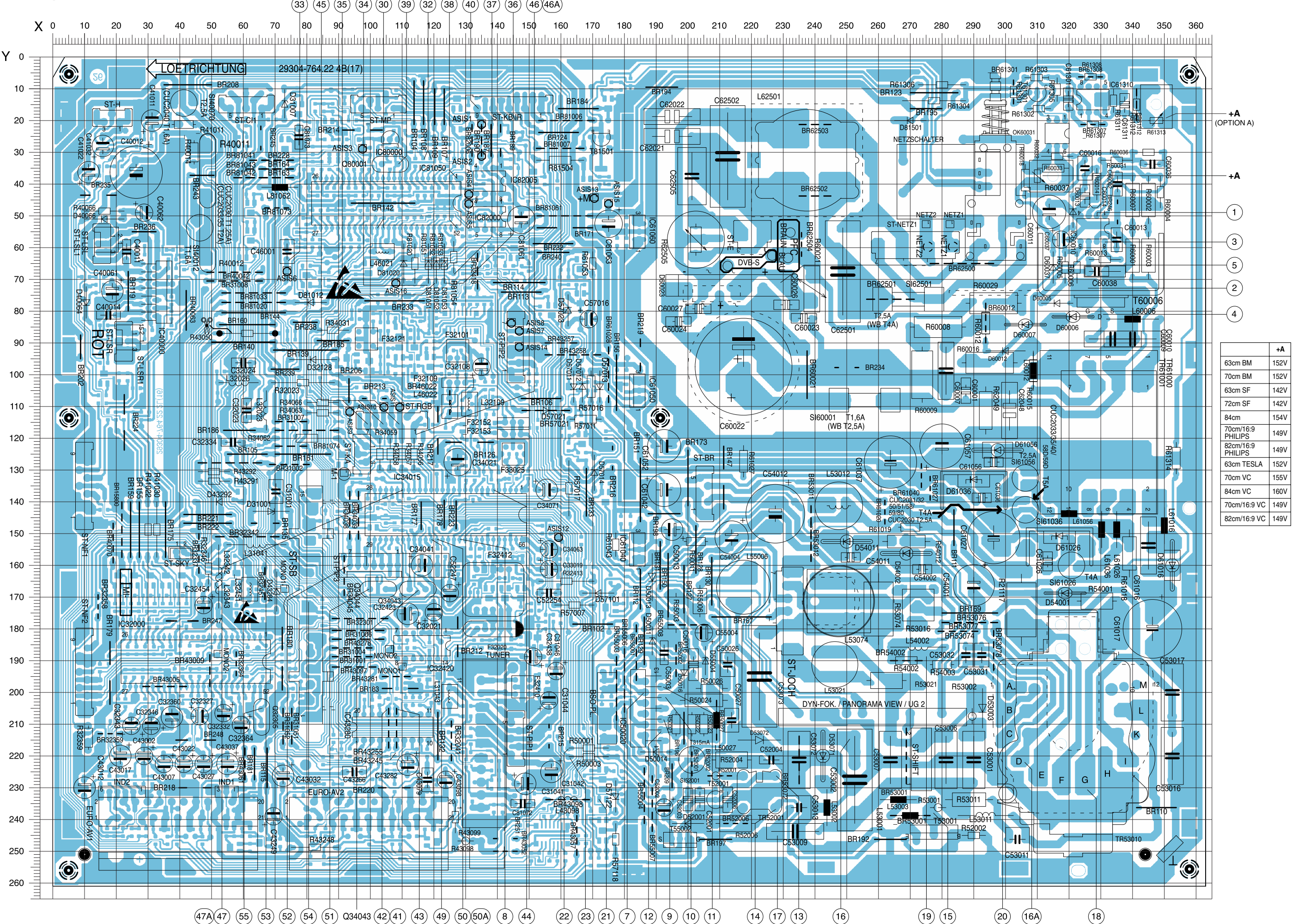
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	X	Y		X	Y		X	Y
ASIS01	135	21	BR187	138	26	BR43245	108	211
ASIS02	135	31	BR189	141	26	BR43255	106	211
ASIS03	98	29				BR43257	160	90
ASIS04	131	43	BR190	135	26			
ASIS05	131	46	BR192	264	246	BR43258	164	94
			BR194	192	10	BR43278	96	183
ASIS06	74	67	BR195	275	16	BR43281	108	195
ASIS07	147	86	BR196	199	211	BR46022	125	109
ASIS08	144	83				BR50027	209	209
ASIS09	94	111	BR197	209	246			
ASIS10	104	110	BR198	192	144	BR52002	210	226
			BR202	9	91	BR52006	215	241
ASIS11	109	110	BR206	93	105	BR53001	269	220
ASIS12	159	151	BR208	43	9	BR53011	239	150
ASIS13	170	44				BR53076	289	178
ASIS14	147	91	BR209	195	226			
ASIS15	175	46	BR212	127	183	BR53077	287	178
			BR213	101	108	BR53078	296	187
ASIS16	108	71	BR214	98	23	BR54002	269	190
			BR215	156	214	BR55001	184	188
BR102	170	178				BR55002	196	190
BR104	114	14	BR216	176	126			
BR105	61	125	BR217	121	117	BR55003	177	199
BR106	154	108	BR218	45	230	BR55004	186	233
BR107	123	16	BR219	185	94	BR55006	180	196
			BR220	108	230	BR55007	189	235
BR108	117	14				BR55008	200	179
BR109	120	16	BR221	49	144			
BR110	347	236	BR222	49	147	BR57021	155	111
BR111	284	148	BR223	127	144	BR60012	294	84
BR112	185	167	BR224	23	115	BR60021	238	100
			BR228	71	33	BR61020	262	143
BR113	148	74				BR61027	276	136
BR114	147	71	BR232	158	59			
BR115	68	224	BR233	108	77	BR61028	175	100
BR119	24	74	BR234	250	98	BR61307	328	21
BR123	278	11	BR235	14	43	BR61308	327	6
			BR236	29	55	BR61312	341	15
BR124	159	24				BR62500	286	65
BR126	131	121	BR238	80	84			
BR127	199	167	BR239	73	98	BR62501	264	76
BR128	203	155	BR240	158	62	BR62502	240	44
BR129	186	184	BR243	47	37	BR62503	240	21
			BR245	65	25	BR62504	236	59
BR130	208	165				BR81006	162	20
BR131	191	160	BR246	335	49			
BR132	121	214	BR247	41	177	BR81007	160	29
BR133	168	137	BR248	45	215	BR81020	63	77
BR135	67	147	BR251	142	246	BR81033	63	74
			BR15800	22	149	BR81041	69	33
BR139	80	92				BR81042	66	38
BR140	60	90	BR31001	94	189			
BR142	104	46	BR31002	74	128	BR81043	68	35
BR144	63	81	BR31003	56	128	BR81061	161	50
BR147	211	132	BR31004	94	186	BR81073	71	48
			BR31006	96	181	BR81074	75	123
BR150	194	166				BR82006	132	26
BR151	185	136	BR31007	75	115			
BR155	27	149	BR31008	57	71	C31001	70	137
BR156	177	102	BR31051	75	211	C31041	149	229
BR159	25	149	BR31052	73	211	C31042	157	225
			BR32041	125	215	C31044	156	203
BR160	61	84				C31046	159	193
BR161	79	125	BR32301	97	177			
BR163	68	38	BR32337	46	156	C32021	120	175
BR164	71	35	BR32342	61	151	C32023	61	111
BR167	217	176	BR32358	14	173	C32024	60	96
			BR32359	18	213	C32108	135	98
BR169	289	175				C32327	46	207
BR171	161	54	BR32364	58	191			
BR173	200	133	BR32418	134	67	C32332	54	206
BR175	35	149	BR34038	94	144	C32334	57	121
BR177	116	144	BR34039	96	144	C32343	24	210
			BR34045	92	163	C32346	31	210
BR178	123	144				C32360	37	208
BR179	18	194	BR40063	42	80			
BR180	72	189	BR40070	19	153	C32364	60	210
BR181	63	222	BR43052	142	250	C32423	112	175
BR183	109	199	BR43057	165	245	C33019	156	161
			BR43061	61	222	C34021	127	128
BR184	166	16				C34041	116	160
BR185	88	89	BR43097	95	192			
BR186	59	117	BR43098	162	234	C34063	156	155

Chassis Board

Coordinates of the Components on the Components Side (Top Side)

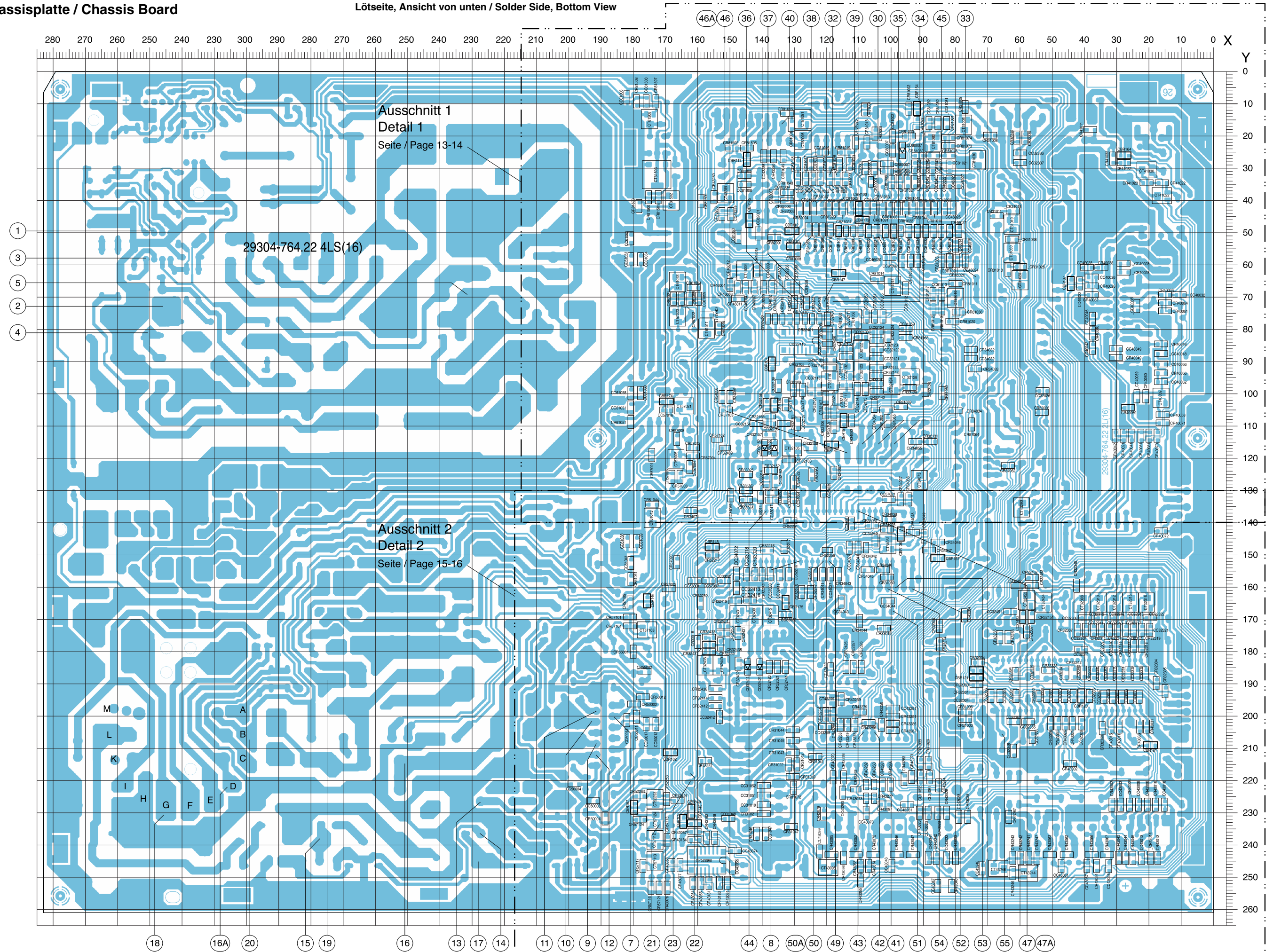
Pos.-Nr./ Pos. No.	Koordinaten/ Coordinates		Pos.-Nr./ Pos. No.	Koordinaten/ Coordinates		Pos.-Nr./ Pos. No.	Koordinaten/ Coordinates	
	X	Y		X	Y		X	Y
40011	23	61	C60037	317	57	EUROAV02	99	244
40012	26	36	C60038	329	68			
40014	18	81	C61016	345	154	F32020	139	180
40061	19	74	C61017	346	179	F32101	127	93
			C61026	313	159	F32109	127	102
40062	29	49				F32121	99	89
41011	31	20	C61027	296	152	F32410	148	198
41022	11	36	C61036	292	139			
41032	16	28	C61037	264	128	F32412	139	168
43002	29	220	C61042	192	136	F33025	145	125
			C61052	192	123			
43007	35	222				IC32000	45	190
43012	10	230	C61056	296	127	IC32420	116	185
43017	21	220	C61057	280	123	IC34015	124	144
43022	42	222	C61063	175	52	IC40000	33	74
43027	48	222	C61301	320	13	IC43280	107	211
			C61311	338	15			
43032	73	226				IC50020	187	205
43037	55	222	C62021	195	25	IC60010	328	54
43079	118	228	C62022	195	19	IC61040	184	155
43098	124	228	C62048	301	11	IC61050	184	105
43249	69	239	C62501	249	68	IC61060	184	55
			C62502	213	31			
43266	95	225				IC61310	328	13
43282	112	223	C62505	201	38	IC80000	106	25
46001	74	61	C81061	148	52	IC81050	105	46
50013	195	149	C81072	148	235	IC82000	138	50
50016	202	191	C81073	78	25	IC82005	138	39
50026	213	191	D31001	69	143	IND01	55	231
50027	214	209	D31007	73	15	IND02	22	231
52001	204	234	D32128	82	95			
52002	193	236	D40064	10	77	L31041	64	153
52003	200	234	D40066	16	51	L31043	125	201
						L32023	67	111
52004	226	221	D43284	71	168	L32026	58	102
52006	213	234	D43292	53	140	L32109	131	109
52247	125	169	D50011	189	184			
52254	156	169	D50013	189	164	L32342	52	164
53001	290	221	D50014	190	219	L32343	52	166
						L43098	162	234
53002	253	228	D50016	199	194	L46021	104	61
53006	281	221	D52001	200	241	L46022	125	110
53007	264	221	D53003	293	205			
53009	234	244	D53071	242	220	L50027	209	209
53011	304	246	D53072	222	215	L53001	270	239
						L53002	244	236
53013	235	236	D54001	319	169	L53003	266	234
53016	353	220	D54002	269	156	L53011	294	239
53017	353	200	D54011	250	152			
53031	292	188	D55004	206	190	L53012	247	141
53032	288	188	D57011	164	104	L53021	246	191
						L53074	247	171
53072	235	221	D57012	167	104	L54002	272	186
53073	222	195	D57013	172	104	L55006	217	167
54001	290	166	D57014	170	131			
54002	274	161	D57021	155	111	L60006	340	83
54004	214	151	D57023	162	80	L60012	309	99
						L61016	350	148
54011	251	158	D57101	172	169	L61026	335	149
54012	228	143	D57122	177	233	L61036	330	149
55003	192	188	D60005	316	78			
55004	205	182	D60006	321	82	L61056	320	144
57016	169	82	D60007	306	84	L62501	238	33
						L81062	72	41
60001	288	105	D60012	300	93			
60002	335	40	D60013	321	49	M01	92	131
60007	281	99	D60023	213	73	MONO01	110	192
60009	334	89	D60037	315	66	MONO01	73	167
60010	340	89	D61016	353	160	MONO02	106	186
						MONO02	52	188
60011	314	49	D61026	317	154			
60013	335	58	D61036	290	136	NETZ01	283	53
60014	325	44	D61056	298	124	NETZ02	273	53
60016	325	35	D81012	81	77	NETZ03	213	66
60022	217	98	D81020	110	65	NETZ04	226	63
60023	237	82	D81051	118	65	NETZSCH.	287	35
60024	197	83	D81052	121	65			
60026	231	78	D81053	123	65	OK60031	316	24
60027	203	79	D81501	270	20			
60036	346	34				PFC	232	55
			EUROAV01	39	244	PFC02	231	63

Chassisplatte / Chassis Board



Chassisplatte / Chassis Board

Lötseite, Ansicht von unten / Solder Side, Bottom View

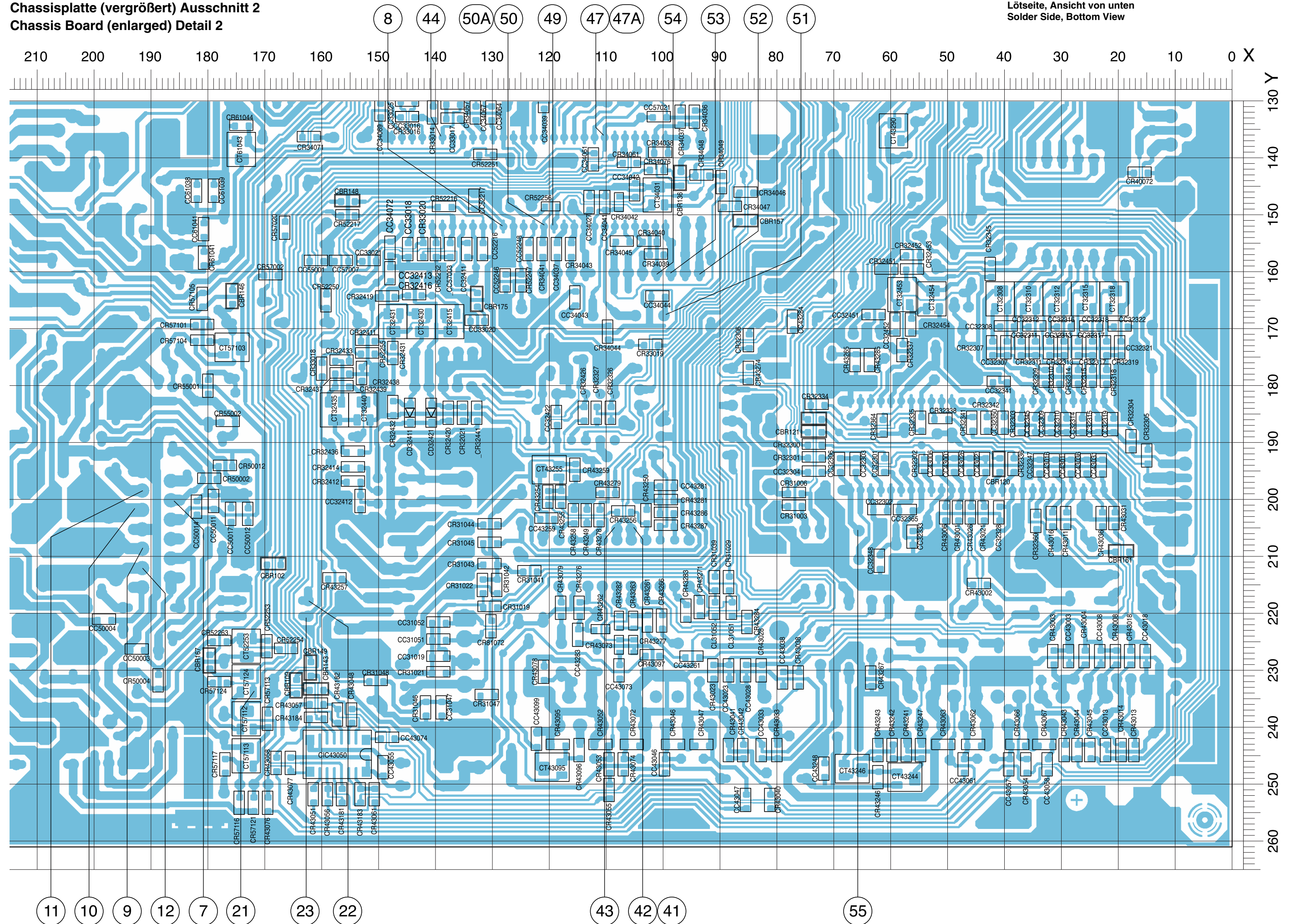


Lötseite, Ansicht von unten
Solder Side, Bottom View

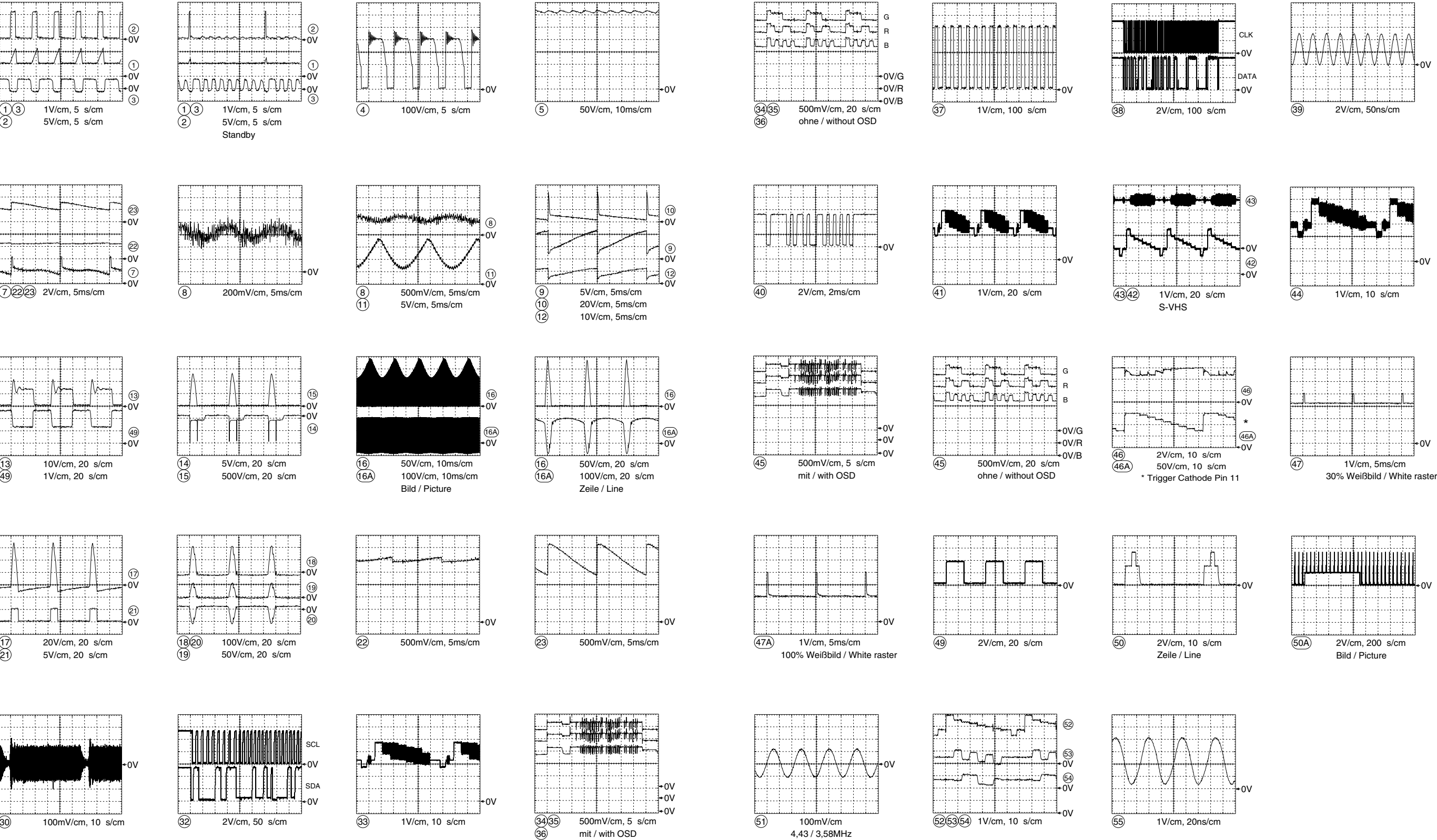


Chassisplatte (vergrößert) Ausschnitt 2
Chassis Board (enlarged) Detail 2

Lötseite, Ansicht von unten
Solder Side, Bottom View



Oszillogramme Chassis / Oscillograms Chassis



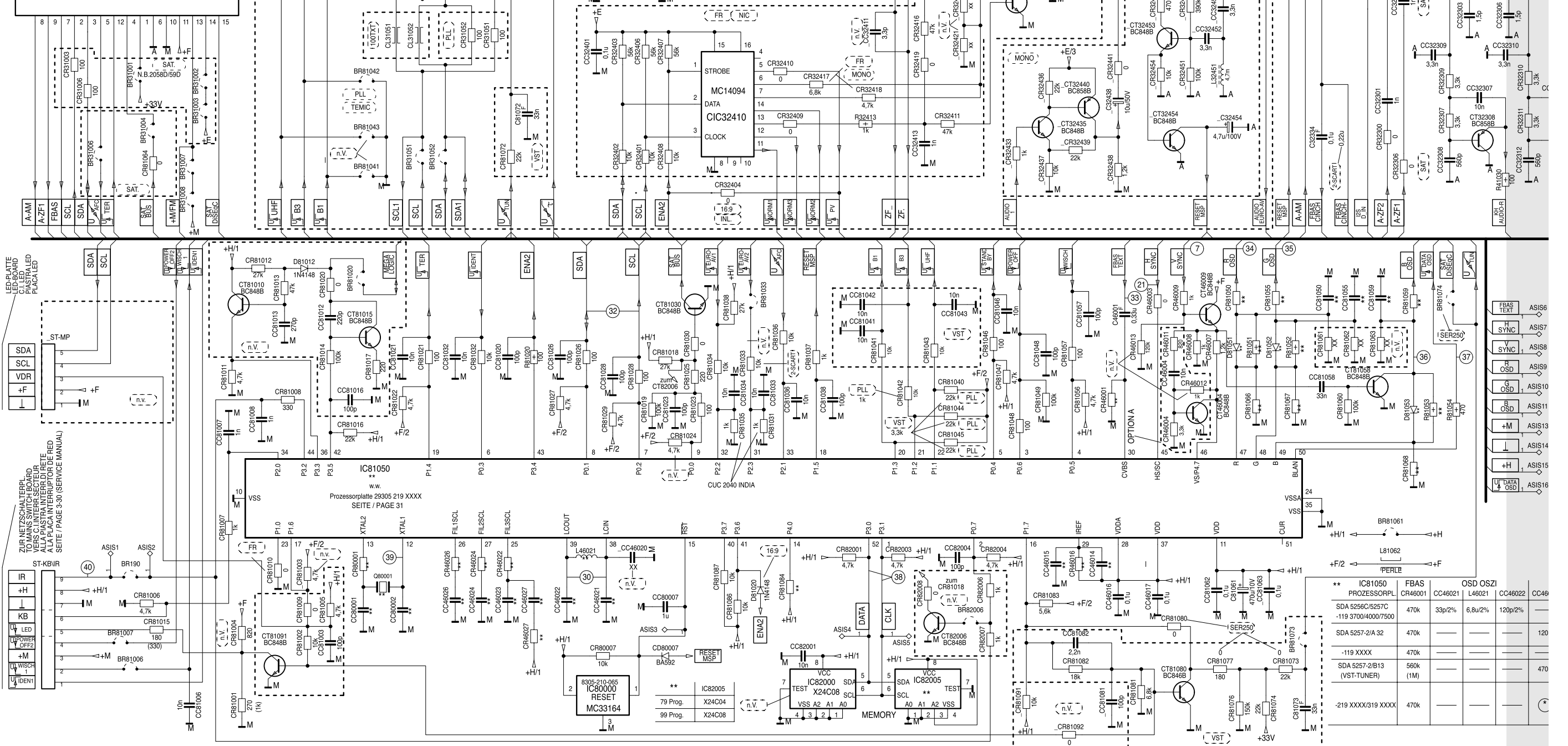
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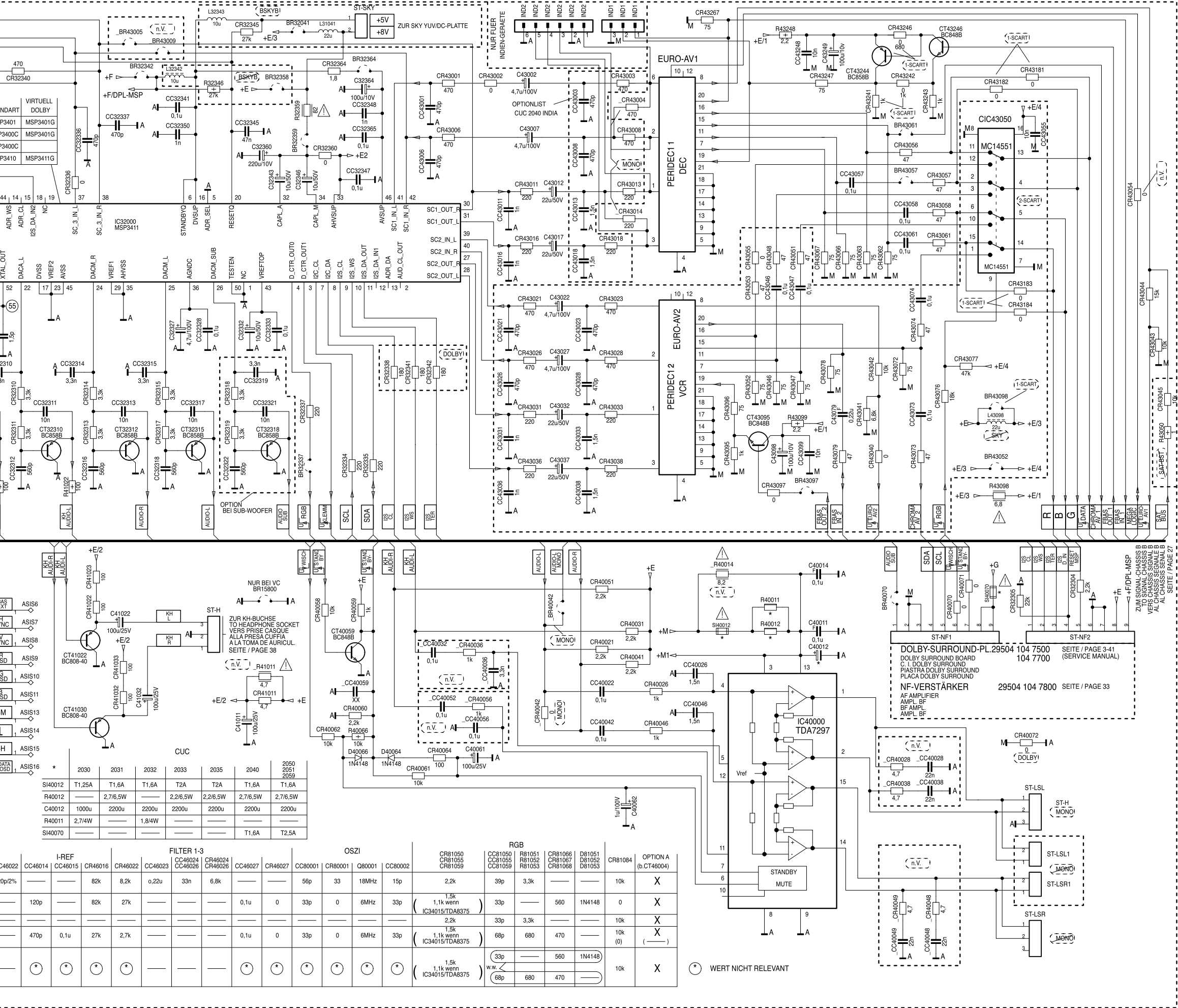


SIGNAL-CHASSIS A

*	CR31009	D31001
VST-TUNER	680	ZTK33D
PLL-TUNER	680	ZD33B
CUC 2058/59	270	ZD33B
CUC 2058D/59D	270	ZPY33/2%

IRDT-BAUSTEIN 29504 207 0100
 IRDT MODULE
 MODULE IRDT
 MODULO IRDT
 MODULO IRDT
 SEITE / PAGE 3-39
 (SERVICE MANUAL)
 ST-SB





Spannungstabelle Table of Voltages	
+2	+5V
+3	+8V
+4	+8V
+5	+8V
+C	+200V
+E	+8V
+E/1	+8V
+E/2	+8V
+E/3	+8V
+E/4	+8V
+F	+5V
+F/2	+5V
+G	+27V (CUC2050/51/58/59/80) +16.5V
+H	+5V
+H/1	+5V
+M	+14.5V (CUC2030) +16.5V
+OEKO	+14.5V (CUC2030) +16.5V

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

The measured values given in the
circuit diagrams are approximates!

CUC	
SI40012	T1,25A
R40012	2,7/6,5W
C40012	1000u
R40011	2,7/4W
SI40070	

I-REF				FILTER 1-3				OSZI				RGB				CR81084	OPTION A (b.CT46004)			
CC46022	CC46014	CC46015	CR46016	CR46022	CC46023	CC46024 CC46026	CR46024 CR46026	CC46027	CR46027	CR80001	CR80001	Q80001	CC80002	CR81050 CR81055 CR81059	CR81050 CR81055 CR81059			CR81051 CR81052 CR81053	CR81066 CR81067 CR81068	DB1051 DB1052 DB1053
Op/2%	—	—	82k	8.2k	0.22u	33n	6.8k	—	—	56p	33	18MHz	15p	2.2k	39p	3.3k	—	—	10k	X
—	120p	—	82k	27k	—	—	—	0.1u	0	33p	0	6MHz	33p	1.5k 1.1k wenn IC34015/TTDA8375	33p	—	560	1N4148	0	X
—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.2k	33p	3.3k	—	—	10k	X
—	470p	0.1u	27k	2.7k	—	—	—	0.1u	0	33p	0	6MHz	33p	1.5k 1.1k wenn IC34015/TTDA8375	68p	680	470	—	10k (0)	X (—)
—	⊙	⊙	⊙	⊙	—	—	—	⊙	⊙	⊙	⊙	⊙	⊙	1.5k 1.1k wenn IC34015/TTDA8375	33p w.w. < 68p	—	560	1N4148	—	X
																			10k	

Signal-Chassis B / Signal Chassis B

SIGNAL-CHASSIS B

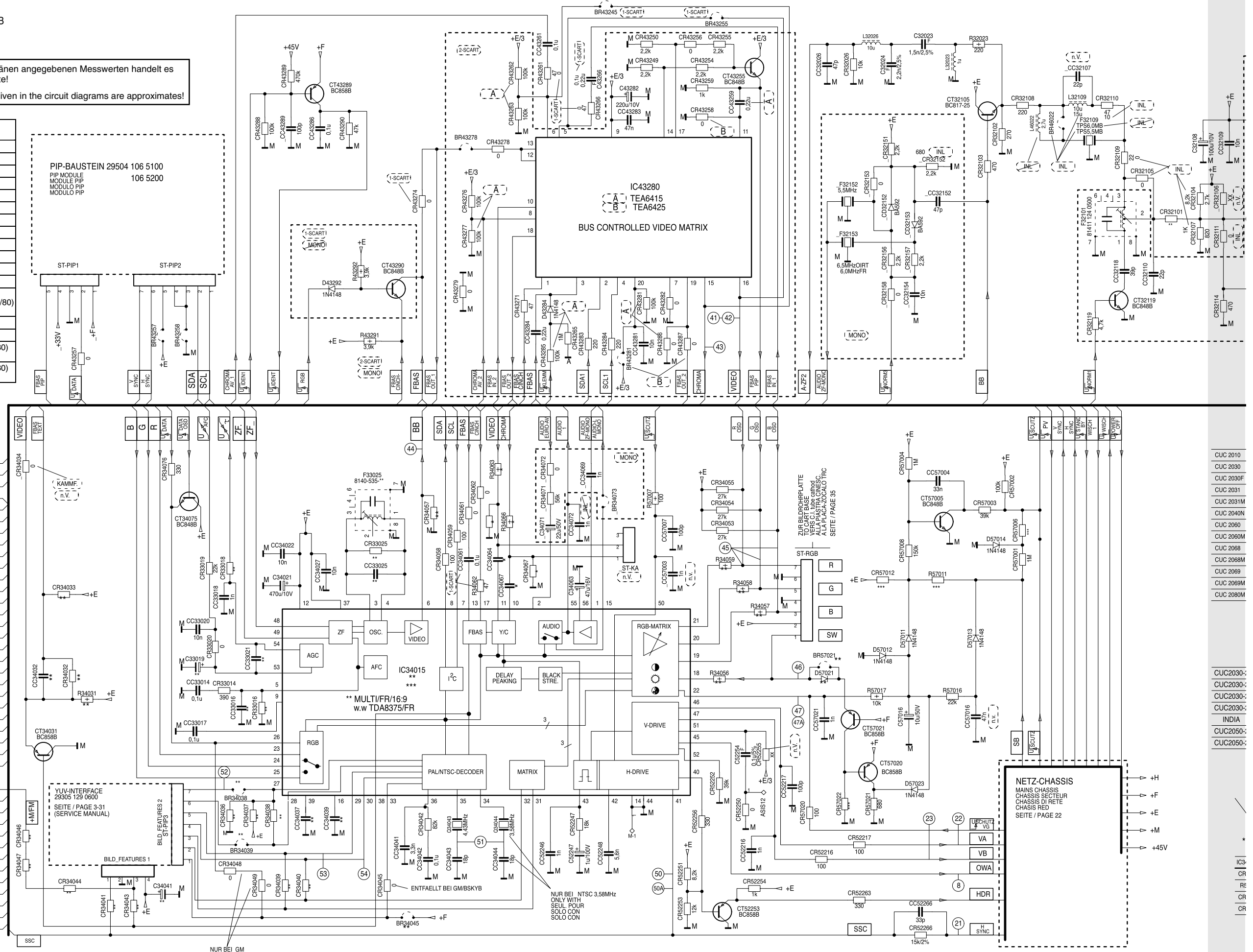
CHASSIS SIGNAL B
CHASSIS SIGNAL B
CHASSIS SIGNAL B

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

Spannungstabelle
Table of Voltages

+2	+5V
+3	+8V
+4	+8V
+5	+8V
+C	+200V
+E	+8V
+E/1	+8V
+E/2	+8V
+E/3	+8V
+E/4	+8V
+F	+5V
+F/2	+5V
+G	+27V (CUC2050 /51/58/59/80)
+H	+16.5V
+H/1	+5V
+M	+14.5V (CUC2030) +16.5V
+OEKO	+14.5V (CUC2030) +16.5V

PIP-BAUSTEIN 29504 106 5100
PIP MODULE
MODULE PIP
MODULO PIP
MODULO PIP



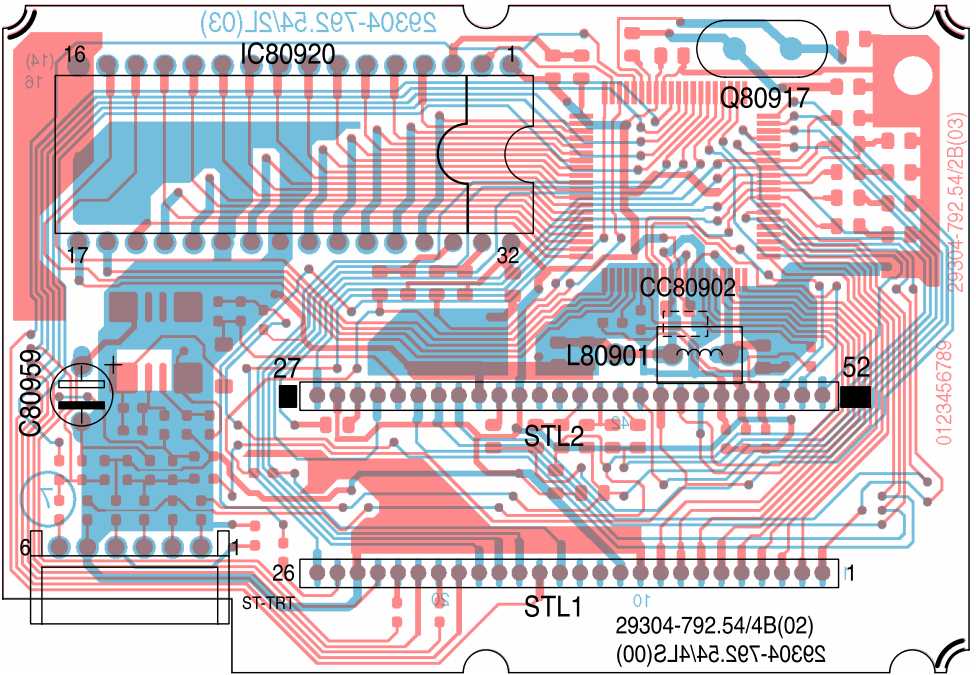
CUC 2010
CUC 2030
CUC 2030F
CUC 2031
CUC 2031M
CUC 2040N
CUC 2060
CUC 2060M
CUC 2068
CUC 2068M
CUC 2069
CUC 2069M
CUC 2080M

CUC2030-:
CUC2030-:
CUC2030-:
CUC2030-:
INDIA
CUC2050-:
CUC2050-:

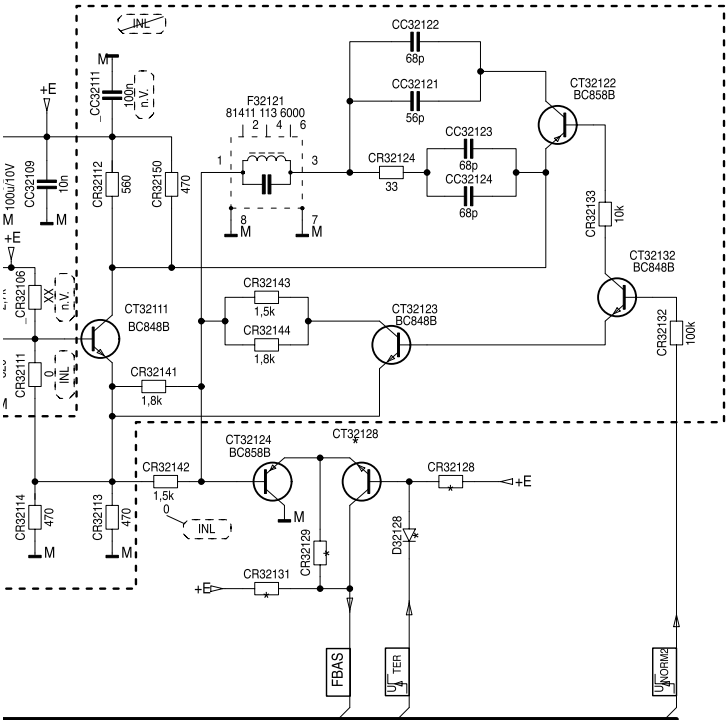
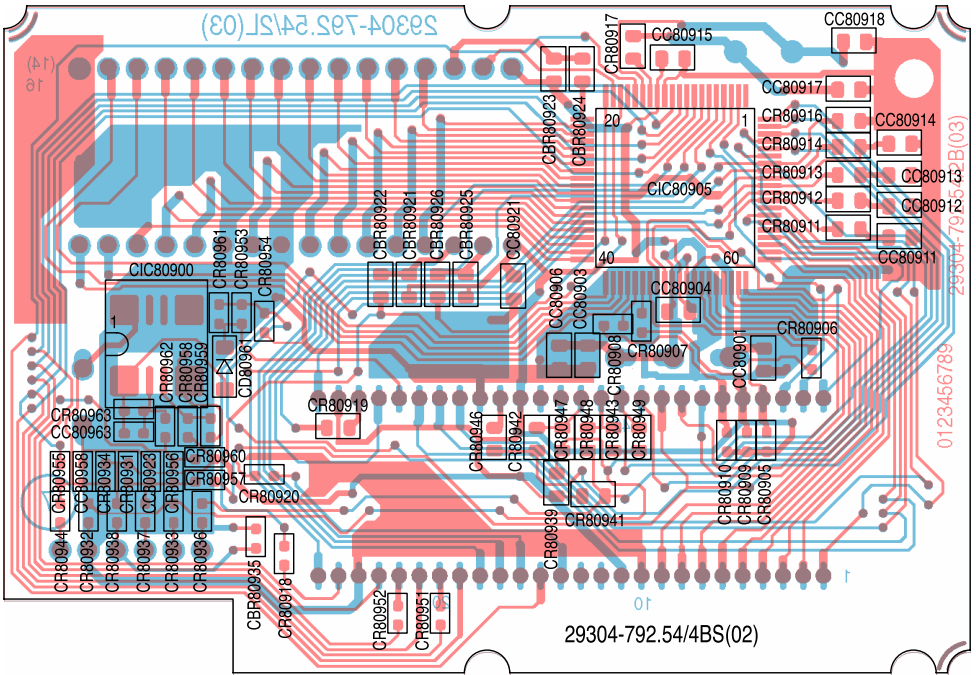
IC3-
CR
RE
CR
CR

Prozessorplatte / Processor Board 293052192400

Bestückungsseite, Ansicht von oben / Component Side, Top View



Bestückungsseite, Ansicht von oben / Component Side, Top View



OPTIONSLIST CUC2040 INDIA		
	STANDART DEFAULT	CUC2040 INDIA
CR43003/08	470	0
CR43013/18	220	0
CC43003/08	470p	—
CC43013/18	1n	—
CR81047/56	4,7k	2,7k
CR81035/31	—	1k
SUBWOOFER	—	×
CR81015	180/330	0
CR81004	—	820
CR81001	270/1k	330

**	CUC	2030- 2040 INL/NIC	2030- 2040 INL/NIC	2030- 2040 FR	2050 - 2080 INL/NIC	2050 - 2080 FR	2030- 2040 INL/NIC	2030- 2040 FR	2058S- 2059S BSKYB	2058- 2059 GB
IC34015	TDA8843N1	TDA 8375	TDA 8375	TDA8843N2	TDA8844N2	TDA8843N2	TDA8844N2	TDA8843N2	TDA8843N2	TDA8843N2
Ersatz- Featurepl.	—	29305 119 4500	29305 119 4200	29305 119 3500	29305 119 3500	—	—	29305 129 1500	—	—
CR32101	820/560	820/560	560	680/470	470	680/470	470	680/470	680/470	680/470
CC33021	—	—	2,2u	—	1u	—	1u	—	—	—
CR33016	—	—	6,8M	—	—	—	—	—	—	—
CC33016	1n	1n	—	1n	1n	1n	1n	1n	1n	1n
CR33018	6,8k	6,8k	0	6,8k	0	6,8k	0	6,8k	6,8k	6,8k
CR34044/34046/34047	—	—	—	0	0	—	—	—	—	—
BR34038/34039	—	—	—	×	×	—	—	×	—	—
CR34039/34040	0	—	—	—	—	0	0	—	0	—
CR34038	0	0	0	—	—	—	—	—	—	1k
CR34041	—	0	0	0	0	—	—	—	—	—
C34041	220u/10V	—	—	—	—	220u/10V	220u/10V	—	220u/10V	220u/10V
CR34043	—	0	0	—	—	—	—	—	—	—
C33019	4,7u/100V	4,7u/100V	4,7u/100V	2,2u/100V	2,2u/100V	2,2u/100V	2,2u/100V	2,2u/100V	2,2u/100V	2,2u/100V
F33025	-391	-391	-391	—	—	—	—	—	—	—
CR33025	8,2k	8,2k	8,2k	—	—	—	—	—	—	—
CC33025	1,5p	3,9p	3,9p	—	—	—	—	—	—	—
R34057/34058/34059	1,5k	1,2k 1,1k wenn IC8150 29305 219 xxxx	1,2k	1,5k	1,5k	1,5k	1,5k	1,5k	1,5k	1,5k
R34031	—	2,2k	2,2k	—	—	—	—	—	—	—
CR34032	390	0	0	390 (3,9k)	390 (3,9k)	390 (3,9k)	390 (3,9k)	390 (3,9k)	390 (3,9k)	390 (3,9k)
CR34033	560	—	—	560 (5,6k)	560 (5,6k)	560 (5,6k)	560 (5,6k)	560 (5,6k)	560 (5,6k)	560 (5,6k)
CC34032	330p	—	—	330p (33p)	330p (33p)	330p (33p)	330p (33p)	330p (33p)	330p (33p)	330p (33p)
CC34037	0,1u	0	0	0,1u	0,1u	0,1u	0,1u	0,1u	0,1u	0,1u
CC34039	0,22u	0,1u	0,1u	0,22u	0,22u	0,22u	0,22u	0,22u	0,22u	0,22u
BR57021	×	×	×	×	×	×	×	×	×	×
D57021	—	BAT42	BAT42	—	—	—	—	—	—	—
CR34036	—	—	—	—	—	—	—	—	1k	—
CR34037	—	—	—	—	—	—	—	—	1,8k	—
BR34045	—	—	—	—	—	—	—	—	—	—
R34056	8,2k	470	470	8,2k	8,2k	8,2k	8,2k	8,2k	8,2k	8,2k
CR34057	—	—	—	2,7k	2,7k	2,7k	2,7k	2,7k	2,7k	2,7k

IC8150=SDA5156/57
(IC8150=SDA5257-2)

	TUNER	TEXT	SCART	uP-PLATTE	SIGNAL-Bst.	BR	Sonst.
CUC 2010	VST	1S	1	—	—	28"	MONO
CUC 2030	VST	1S	1	—	—	25/28"	FR
CUC 2030F	PLL	1S	2	—	—	25/28"	FR
CUC 2031	PLL	8S	2	—	—	29"SF	—
CUC 2031M	PLL	8S	2	—	×	29"SF	—
CUC 2040N	PLL	8S	2	—	—	25/28"	NIC/DPL
CUC 2060	PLL	8S	2	×	—	25/28"	—
CUC 2060M	PLL	8S	2	×	×	25/28"	—
CUC 2068	PLL	8S	2	×	—	32"16,9	—
CUC 2068M	PLL	8S	2	×	×	32"16,9	—
CUC 2069	PLL	8S	2	×	—	28"16,9	—
CUC 2069M	PLL	8S	2	×	×	28"16,9	—
CUC 2080M	PLL	8S	2	×	×	34"	—

BASIS

HIGH

	*	R34063 R34066	CC34064 CC34067	CR34067 CR34064	CR32131	CR32129	CT32128	D32128	CR32128	VIDEO MATRIX	CC32304	CR32306	CR81064
CUC2030-2040	1-SCART	100	0	—	—	—	BC848B	1N4148	4,7k	—	—	—	—
CUC2030-2040	1-SCART+SAT	100	0	—	—	—	BC848B	1N4148	4,7k	—	1n	0	0
CUC2030-2040	2-SCART	470	0,1u	470	4,7k	0	—	—	—	—	—	—	—
CUC2030-2040	2-SCART+SAT	470	0,1u	470	—	—	BC848B	1N4148	4,7k	—	1n	0	0
INDIA	—	100	0	—	—	—	BC848B	1N4148	4,7k	—	—	—	—
CUC2050-2080	2-SCART/PIP	470	0,1u	470	4,7k	0	—	—	—	—	—	—	—
CUC2050-2080	2-SCART/PIP+SAT	470	0,1u	470	—	—	BC848B	1N4148	4,7k	—	1n	0	0

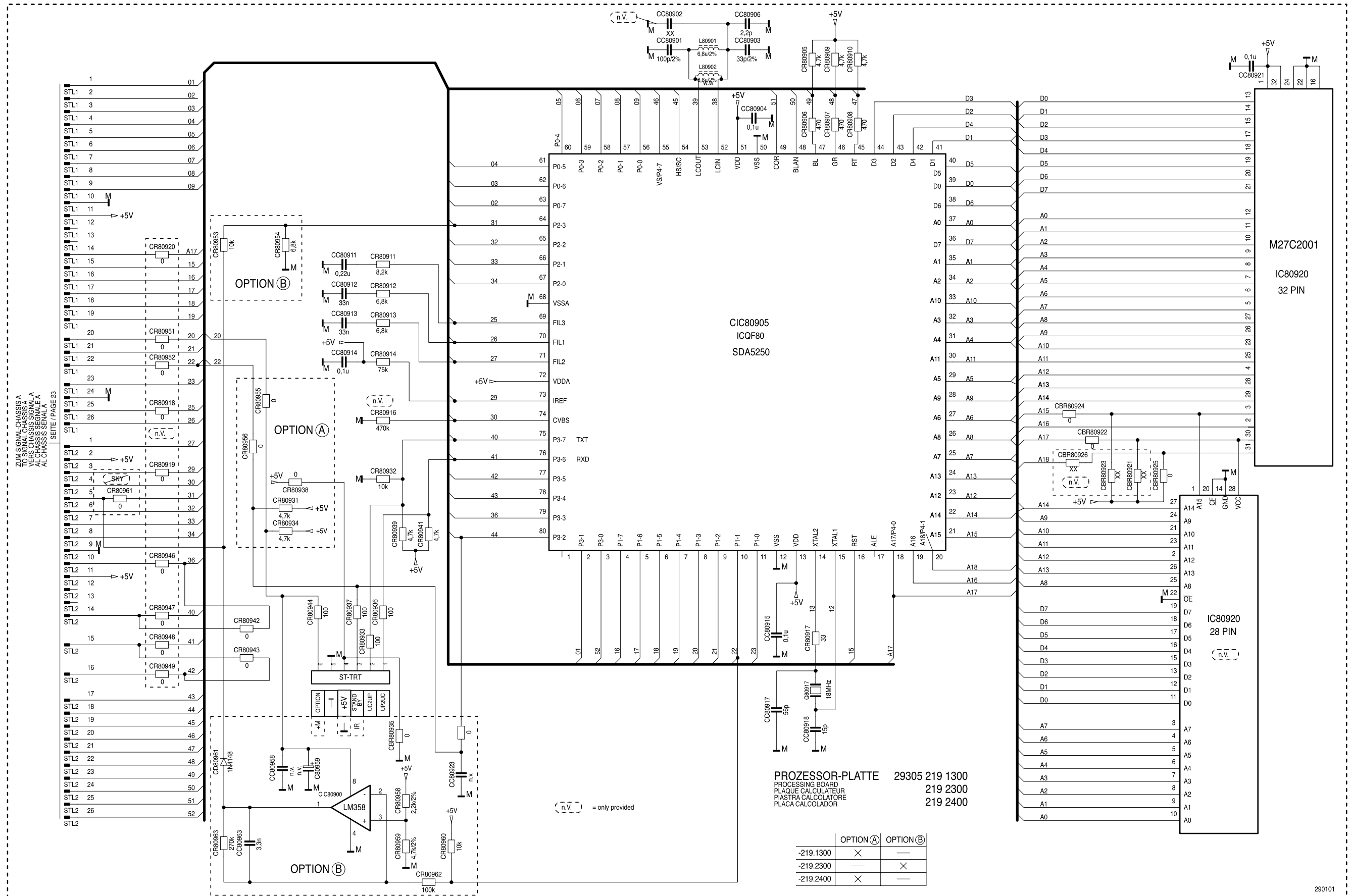
SIGNAL-CHASSIS

CHASSIS SIGNAL
CHASSIS SEGNALE
CHASIS SENAL

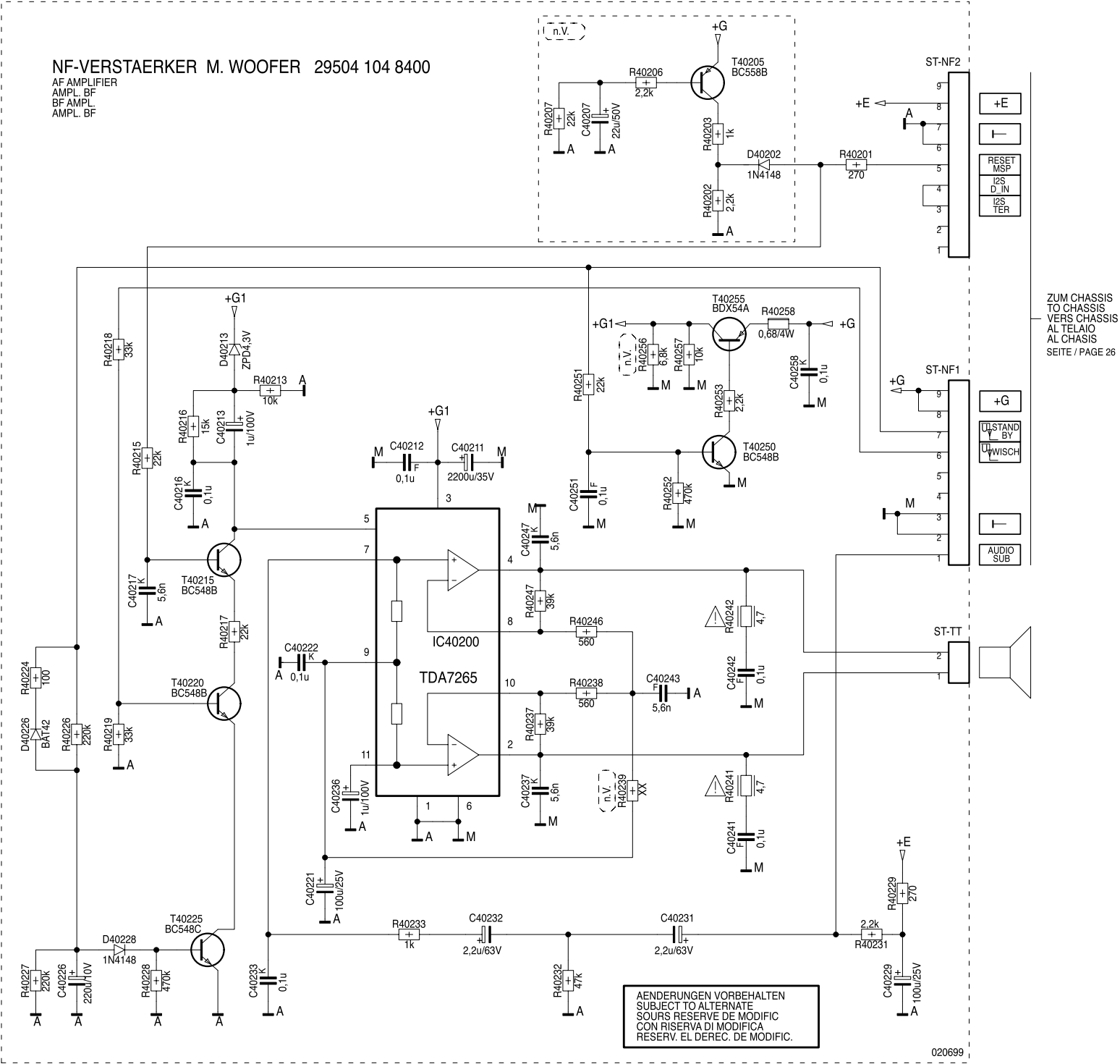
- CUC 2030
- CUC 2031
- CUC 2032
- CUC 2033
- CUC 2035
- CUC 2036
- CUC 2040
- CUC 2050
- CUC 2051
- CUC 2058
- CUC 2058D
- CUC 2058S
- CUC 2059
- CUC 2059D
- CUC 2059S
- CUC 2080

AENDERUNGEN VORBEHALTEN
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CON RISERVA DI MODIFICA
RESERV. EL DEREC. DE MODIFIC.

R.....= (n.v.)



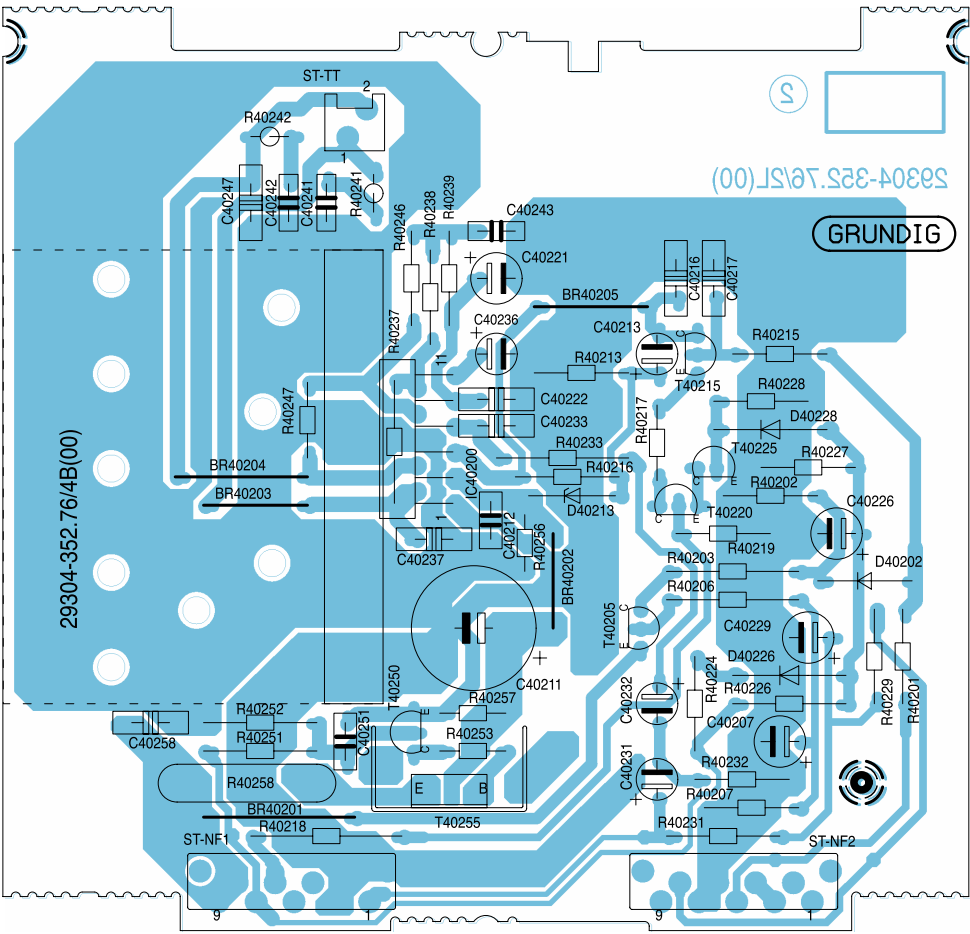
NF-Verstärker / AF Amplifier



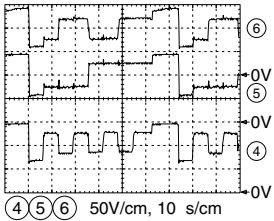
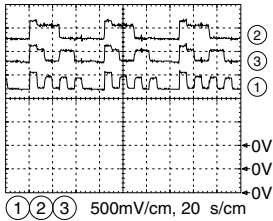
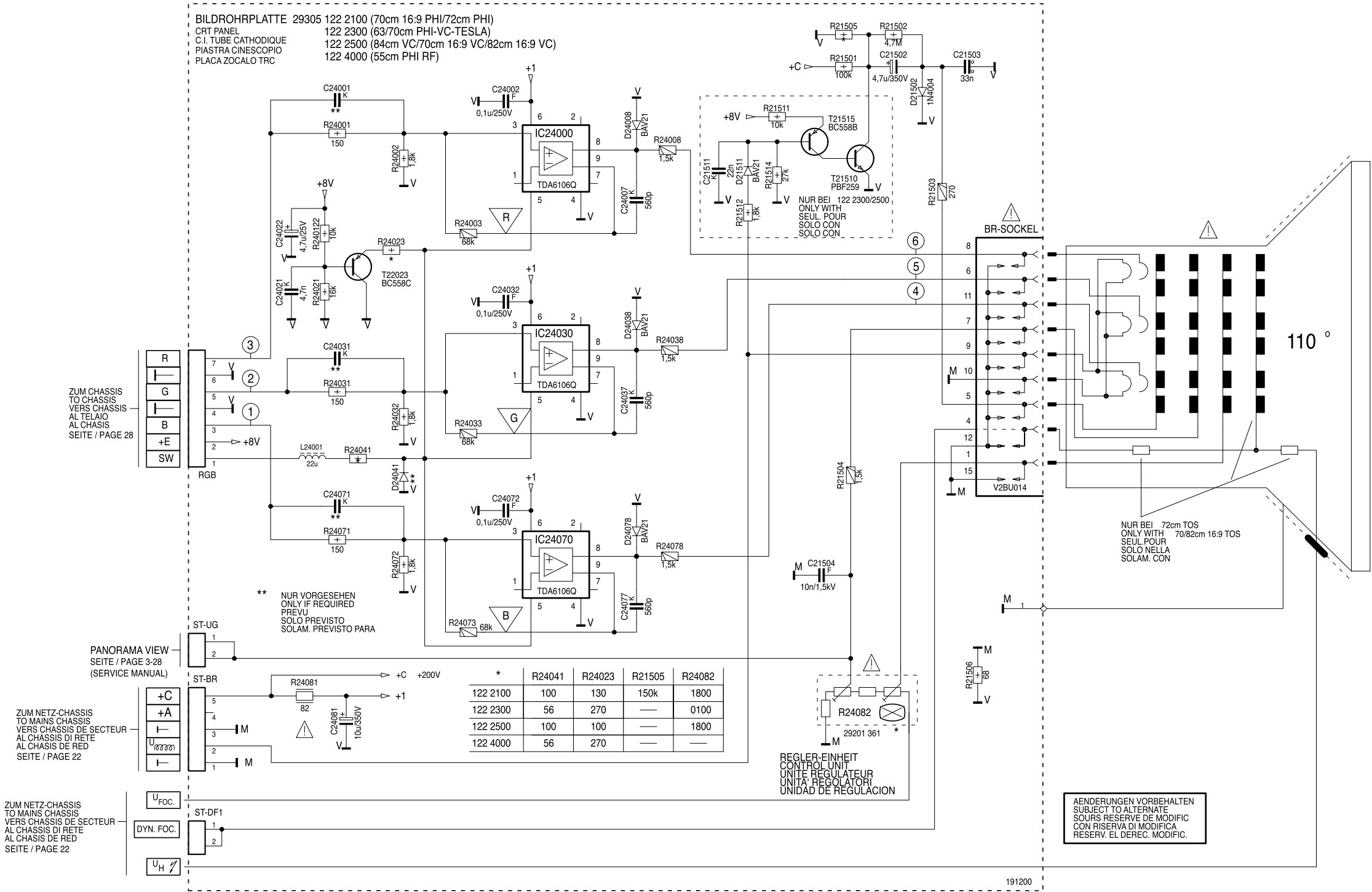
Spannungstabelle Table of Voltages					
+2	+5V	+E/1	+8V	+G	+27V (CUC2050/51/58/59/60) +16.5V
+3	+8V	+E/2	+8V	+H	+5V
+4	+8V	+E/3	+8V	+H/1	+5V
+5	+8V	+E/4	+8V	+M	+14.5V (CUC2030) +16.5V
+C	+200V	+F	+5V	+OEKO	+14.5V (CUC2030) +16.5V
+E	+8V	+F/2	+5V		

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

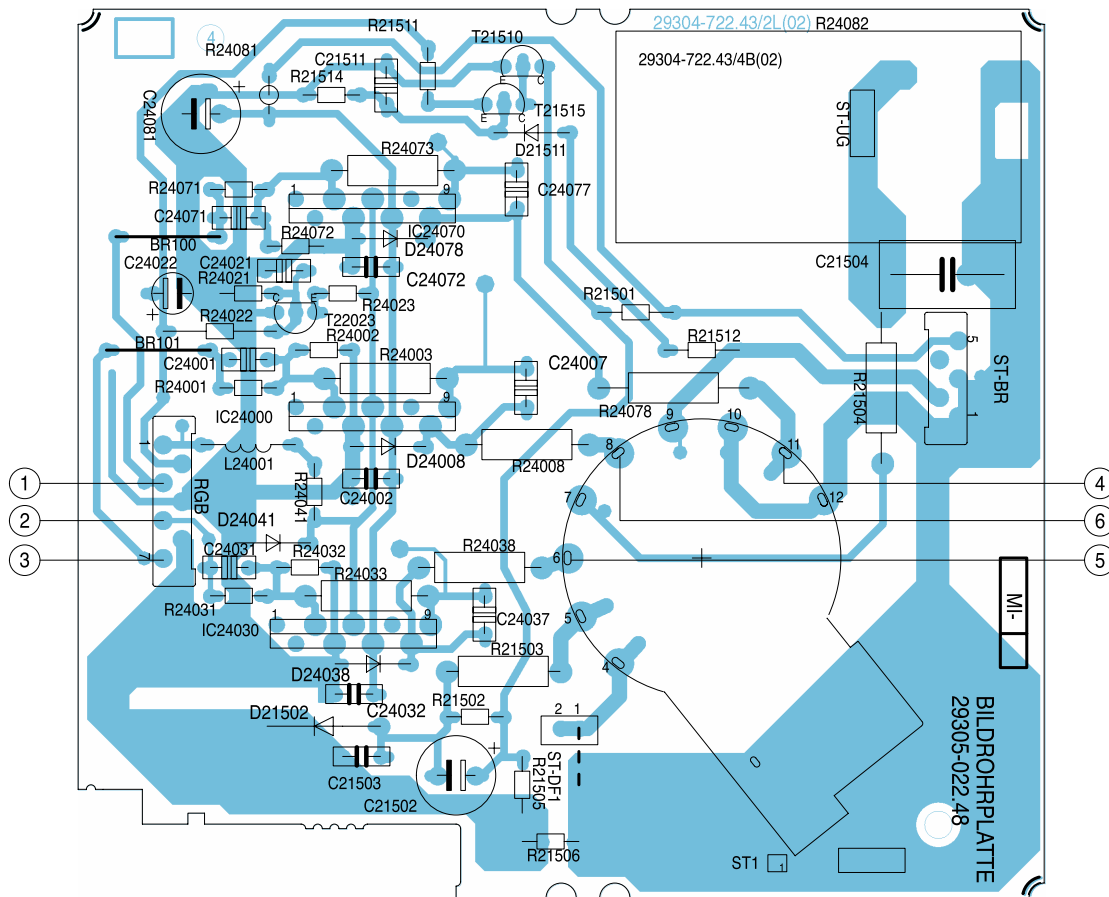
Bestückungsseite, Ansicht von oben / Component Side, Top View



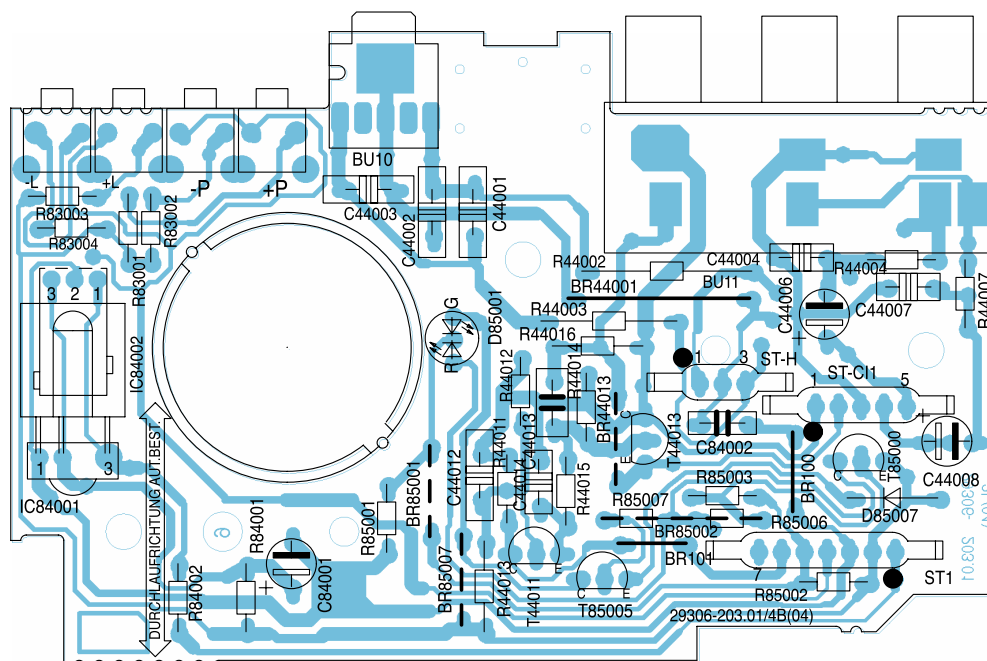
Bildrohrplatte / CRT Panel 293051222500

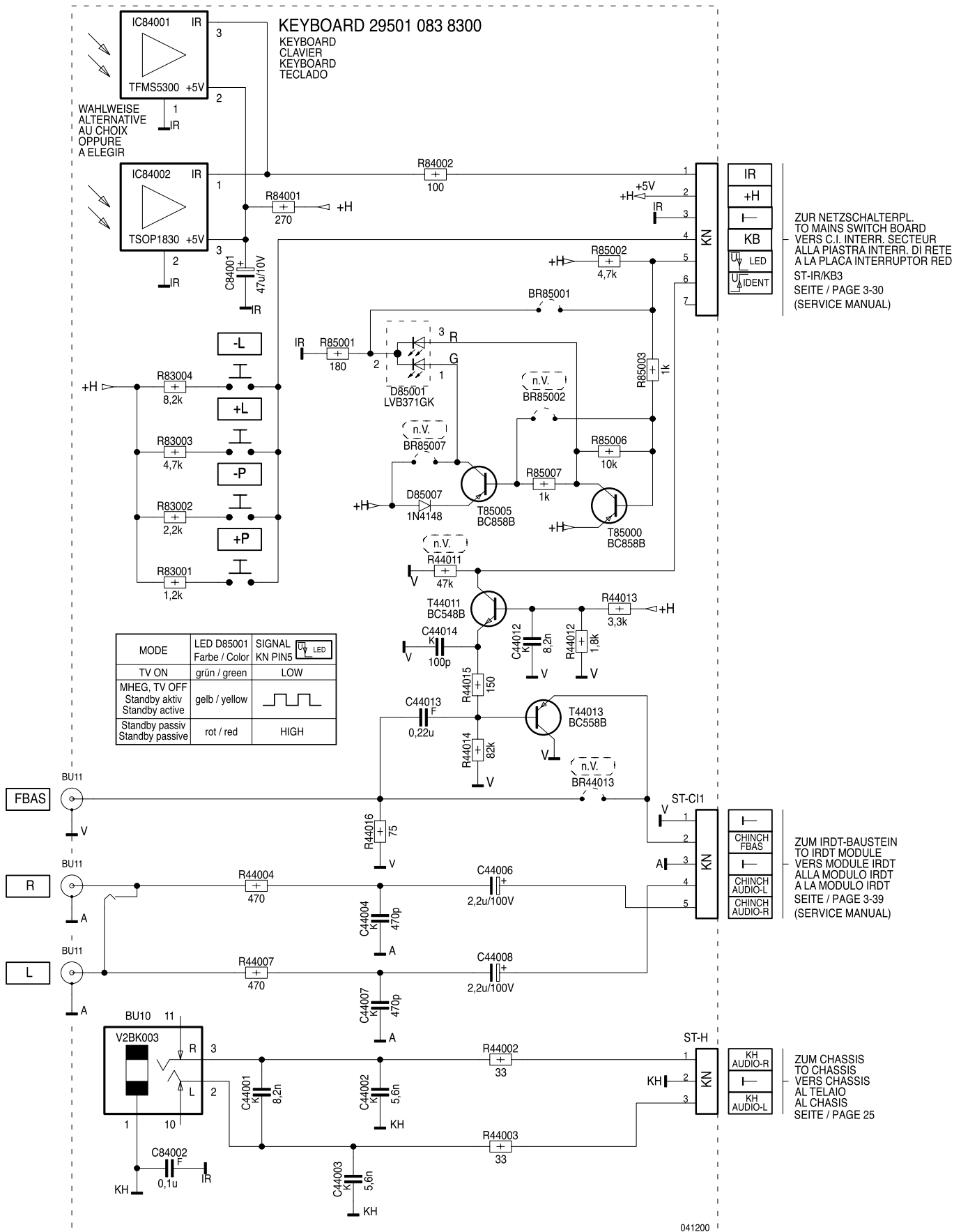


Lötseite, Ansicht von unten / Solder Side, Bottom View

**Keyboard 295010838300**

Bestückungsseite, Ansicht von oben / Component Side, Top View





Ersatzteilliste Spare Parts List

TV

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ARGANTO 82 MW 82-502 IRDT/DOLBY

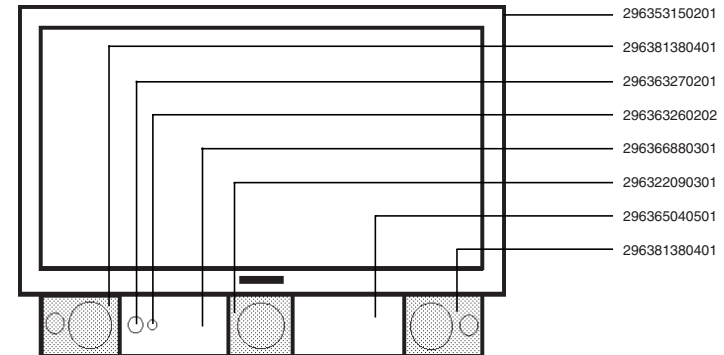
MATERIAL-NR. / PART NO.: 921827659200 BESTELL-NR. / ORDER NO.: GCM7400GB TITAN/TITANE
VERSION NR./VERSION NO.: VNM

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		921827659200		ARGANTO 82 MW 82-502 IRDT/DOLBY TITAN KEIN E-TEIL	ARGANTO 82 MW 82-502 IRDT/DOLBY TITANE NO SPARE PART
0200.000		296353150201		GEH-VORDERTEIL DRUCK KPL	CABINET FRONT PART PRINT CPL
0201.000		191160120200	2	LAUTSPRECHER	LOUDSPEAKER
0206.000		296381190101	2	SCHALLWAND	BAFFLE
0207.000		296381380401	2	ABDECKUNG SCHALLWAND OFB	COVER BAFFLE SURFACE TREATED
0217.000		296088640102	5	SOCKELEINLAGE	BASE INSERT
0222.000		296383290103		RAHMEN-OBERTEIL SILBER	FRAME UPPER PART SILVER
0222.000		296383300103	2	RAHMEN-SEITENTEIL SILBER	FRAME SIDE PART SILVER
0300.000		296363191101		GEH-RUECKTEIL KPL OFB MIT SUBWOOFER	CABINET REAR PART SURFACE TREATED WITH SUBWOOFER
0312.000		297006383101		ABDECKUNG EURO-AV	COVER EURO AV
0313.000		296364568101		ABDECKUNG SCHRAUBE GEH-RUECKTEIL	COVER SCREW CABINET REAR PART
0320.000		291103240501		TYPENAUFKLEBER VNM	TYPE LABEL VNM
0350.000		296363200103	2	ZWISCHENSTUECK RUECKWANDBEFEST.	INTERMEDIATE PIECE CABINET REAR PART
0700.000	△	092461528505		ENTMAGNETISIERUNGSSPULE M.HALTER	DEGAUSSING COIL W.HOLDER
0780.000		096478890100		ABGLEICHELEMENT MAGNETSCHEIBE	ALIGNMENT PART MAGNETIC WASHER
1100.000	△	830007602300		BILDR. W76EGV023X015 VIDEOCOLOR	PICT.TUBE W76EGV023X015 VIDEOCOLOR
1110.000	△	292013601106		ANODENKAPPE M.HOCHSPANNUNGSKABEL	ANODE CAP W.HIGH VOLTAGE CABLE
		296364421200		BEDIENUNGSEINSATZ KPL KEIN E-TEIL	CONTROL INSERT CPL NO SPARE PART
1301.000		296365040501		BEDIENUNGSEINSATZ DRUCK KPL	CONTROL INSERT PRINT CPL
1302.000		293033751001		SCHENKELFEDER	LEG SPRING
		295010838300		KEYBOARD KEIN E-TEIL	KEYBOARD NO SPARE PART
1311.000		297033571100		TASTSCHALTER PROGRAMM+	KEY SWITCH PROGRAMME+
1312.000		297033571100		TASTSCHALTER PROGRAMM-	KEY SWITCH PROGRAMME-
1313.000		297033571100		TASTSCHALTER LAUTSTAERKE+	KEY SWITCH VOLUME+
1314.000		297033571100		TASTSCHALTER LAUTSTAERKE-	KEY SWITCH VOLUME-
1350.000		296363280203		TASTEN-SATZ PROGRAMM/LAUTSTAERKE	KEYS SET PROGRAMME/VOLUME
1352.000		296366880301		KLAPPE DRUCK KPL	FLAP PRINT CPL
1353.000		270332210100		DRUCKSCHNAPPER	PRESSURE CATCH
1354.000		296380231301		DAEMPFUNGSBLOCK	DAMPING BLOCK
1355.000		296322090301		GITTER MITTE KPL	GRID MIDDLE CPL
1382.000		296363260202		IR-FENSTER	IR WINDOW
1383.000		293033904200		KOPFHÖRERBUCHSE 3,5 O.SCHALTER	HEADPHONE SOCKET 3,5 W/O SWITCH
1384.000		293031685800		CINCH-BUCHSE 3-FACH FBAS/NF L,R	CINCH SOCKET 3 FOLD FBAS/AF L,R
1396.000		295015990102		ABDECKUNG S-BUCHSEN	COVER S-SOCKETS
		293051658300		NETZSCHALTERPLATTE KEIN E-TEIL	POWER SWITCH BOARD NO SPARE PART
1960.000	△	297032912205		NETZSCHALTER	POWER SWITCH
1970.000		296363270201		TASTENKNOPF NETZ	KEY POWER
1981.000		295017170100		LICHTLEITER TASTENKNOPF NETZ	LIGHT GUIDE KEY POWER
2100.000	△	829099138600		NETZKABEL KPL	POWER CABLE CPL
2300.000	△	293051222500	X	BILDROHRPLATTE	PICTURE TUBE BOARD
2400.000		296420611400		TP 815 C FERNBEDIENUNG	TP 815 C REMONTE CONTROL

ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		218279410300		BEDIENUNGSANLEITUNG GB	OPERATING INSTRUCTION GB
		291202700200		BEDIENUNGSANLEITUNG QUICKSTART	OPERATING INSTRUCTION QUICKSTART
		720100259000		SERVICE MANUAL D/GB	SERVICE MANUAL D/GB
		720100259200		SERVICE MANUAL D/GB 2.ERGAENZUNG	SERVICE MANUAL D/GB 2ND SUPPLEMENT
		296560042700		MONTAGEZUBEHOER F.BILDROHR KEIN E-TEIL	MOUNTING ACCESSORIES F.PT NO SPARE PART
		297040146900	X	CHASSIS-FS-STEREO CUC 2058 D NIC/16:9 KEIN E-TEIL	CHASSIS TV STEREO CUC 2058 D NIC/16:9 NO SPARE PART
				X=SIEHE GESONDERTE E-LISTE	X=SEE SEPARATE PARTS LIST

POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION	POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION
	295010838300	KEYBOARD			
D 85001	830997837100	LE-DIODE LUB371GK			
D 85007	830921504500	DIODE 1N4148			
IC 84001	830536753000	IC TFMS5300 STEHEND			
R 44016	870001124600	KSW 0204 75 OHM 5%			
T 44011	830320554800	TRANS BC548B/ BC547B			
T 44013	830320555800	TRANS BC558B/ BC557B			
T 85000	830320555800	TRANS BC558B/ BC557B			
T 85005	830320555800	TRANS BC558B/ BC557B			



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



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

ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

Ersatzteilliste Spare Parts List

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ARGANTO 70 MW 70-502 IRDT/DOLBY

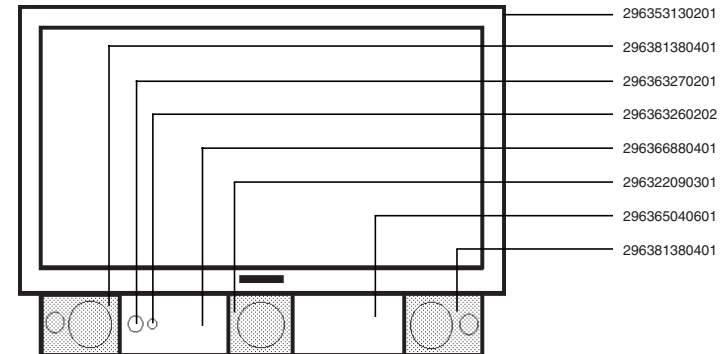
MATERIAL-NR. / PART NO.: 921828659200 BESTELL-NR. / ORDER NO.: GCM7300GB TITAN /TITANE
VERSION NR./VERSION NO.: VNM

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		921828659200		ARGANTO 70 MW 70-502 IRDT/DOLBY TITAN KEIN E-TEIL	ARGANTO 70 MW 70-502 IRDT/DOLBY TITANE NO SPARE PART
0200.000		296353130201		GEH-VORDERTEIL DRUCK KPL	CABINET FRONT PART PRINT CPL
0201.000		191160120200	2	LAUTSPRECHER	LOUDSPEAKER
0206.000		296381190101	2	SCHALLWAND	BAFFLE
0207.000		296381380401	2	ABDECKUNG SCHALLWAND OFB	COVER BAFFLE SURFACE TREATED
0217.000		296088640102	4	SOCKELEINLAGE	BASE INSERT
0222.000		296383260103		RAHMEN-OBERTEIL SILBER	FRAME UPPER PART SILVER
0222.000		296383270103	2	RAHMEN-SEITENTEIL SILBER	FRAME SIDE PART SILVER
0300.000		296363191001		GEH-RUECKTEIL KPL OFB MIT SUBWOOFER	CABINET REAR PART SURFACE TREATED WITH SUBWOOFER
0312.000		297006383101		ABDECKUNG EURO-AV	COVER EURO AV
0320.000		291103250501		TYPENAUFKLEBER VNM	TYPE LABEL VNM
0350.000		296363410101	2	ZWISCHENSTUECK RUECKWANDBEFEST.	INTERMEDIATE PIECE CABINET REAR PART
0700.000	△	092461518504		ENTMAGNETISIERUNGSSPULE M.HALTER	DEGAUSSING COIL W.HOLDER
0780.000	△	096478890100		ABGLEICHELEMENT MAGNETISCHEIBE	ALIGNMENT PART MAGNETIC WASHER
1100.000	△	830006602300		BILDR. W66EGV023X015 VIDEOCOLOR	PICT. TUBE W66EGV023X015 VIDEOCOLOR
1110.000	△	292013601106		ANODENKAPPE M.HOCHSPANNUNGSKABEL	ANODE CAP W.HIGH VOLTAGE CABLE
		296364421100		BEDIENUNGSEINSATZ KPL KEIN E-TEIL	CONTROL INSERT CPL NO SPARE PART
1301.000		296365040601		BEDIENUNGSEINSATZ DRUCK KPL	CONTROL INSERT PRINT CPL
1302.000		293033751001		SCHENKELFEDER	LEG SPRING
		295010838300		KEYBOARD KEIN E-TEIL	KEYBOARD NO SPARE PART
1311.000		297033571100		TASTSCHALTER PROGRAMM+	KEY SWITCH PROGRAMME+
1312.000		297033571100		TASTSCHALTER PROGRAMM-	KEY SWITCH PROGRAMME-
1313.000		297033571100		TASTSCHALTER LAUTSTAERKE+	KEY SWITCH VOLUME+
1314.000		297033571100		TASTSCHALTER LAUTSTAERKE-	KEY SWITCH VOLUME-
1350.000		296363280203		TASTEN-SATZ PROGRAMM/LAUTSTAERKE	KEYS SET PROGRAMME/VOLUME
1352.000		296366880401		KLAPPE DRUCK KPL	FLAP PRINT CPL
1353.000		270332210100		DRUCKSCHNAPPER	PRESSURE CATCH
1354.000		296380230101		DAEMPFUNGSBLOCK	DAMPING BLOCK
1354.000		296380231101		DAEMPFUNGSBLOCK	DAMPING BLOCK
1355.000		296322090301		GITTER MITTE KPL	GRID MIDDLE CPL
1382.000		296363260202		IR-FENSTER	IR WINDOW
1383.000		293033904200		KOPFHÖRERBUCHSE 3,5 O. SCHALTER	HEADPHONE SOCKET 3,5 W/O SWITCH
1384.000		293031685800		CINCH-BUCHSE 3-FACH FBAS/NF L,R	CINCH SOCKET 3 FOLD FBAS/AF L,R
1396.000		295015990102		ABDECKUNG S-BUCHSEN	COVER S-SOCKETS
		293051658300		NETZSCHALTERPLATTE KEIN E-TEIL	POWER SWITCH BOARD NO SPARE PART
1960.000	△	297032912205		NETZSCHALTER	POWER SWITCH
1970.000		296363270201		TASTENKNOPF NETZ	KEY POWER
1981.000		295017170100		LICHTLEITER TASTENKNOPF NETZ	LIGHT GUIDE KEY POWER
2100.000	△	829099138600		NETZKABEL KPL	POWER CABLE CPL
2300.000	△	293051222500	X	BILDROHRPLATTE	PICTURE TUBE BOARD
2400.000		296420611400		TP 815 C FERNBEDIENUNG	TP 815 C REMONTE CONTROL

ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		218289410300		BEDIENUNGSANLEITUNG GB	OPERATING INSTRUCTION GB
		291202700200		BEDIENUNGSANLEITUNG QUICKSTART	OPERATING INSTRUCTION QUICKSTART
		720100259000		SERVICE MANUAL D/GB	SERVICE MANUAL D/GB
		720100259200		SERVICE MANUAL D/GB 2.ERGAENZUNG	SERVICE MANUAL D/GB 2ND SUPPLEMENT
		296560042600		MONTAGEZUBEHOER F.BILDROHR KEIN E-TEIL	MOUNTING ACCESSORIES F.PT NO SPARE PART
		297040146800	X	CHASSIS-FS-STEREO CUC 2059 D NIC/16:9 KEIN E-TEIL	CHASSIS TV STEREO CUC 2059 D NIC/16:9 NO SPARE PART
				X=SIEHE GESONDERTE E-LISTE	X=SEE SEPARATE PARTS LIST

POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION	POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION
	295010838300	KEYBOARD			
D 85001	830997837100	LE-DIODE LUB371GK			
D 85007	830921504500	DIODE 1N4148			
IC 84001	830536753000	IC TFMS5300 STEHEND			
R 44016	870001124600	KSW 0204 75 OHM 5%			
T 44011	830320554800	TRANS BC548B/ BC547B			
T 44013	830320555800	TRANS BC558B/ BC557B			
T 85000	830320555800	TRANS BC558B/ BC557B			
T 85005	830320555800	TRANS BC558B/ BC557B			



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



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

ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

Ersatzteilliste
Spare Parts List

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CHASSIS-FS-STEREO CUC 2058 D NIC/16:9
CHASSIS TV STEREO CUC 2058 D NIC/16:9

MATERIAL-NR. / PART NO.: 297040146900

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		297040146900		CHASSIS-FS-STEREO CUC 2058 D NIC/16:9 KEIN E-TEIL	CHASSIS TV STEREO CUC 2058 D NIC/16:9 NO SPARE PART
0100.000		295043010100		TUNER-GLOBAL (PLL)	TUNER-GLOBAL (PLL)
0247.000		293031196600	2	EURO-AV BUCHSENLEISTE 21-POL SW	EURO-AV SOCKET STRIP 21 P BLACK
0300.000		293052192400		PROZESSORPLATTE	PROCESSOR BOARD
0500.000		295041048400	X	BAUSTEIN SUBWOOFER	MODULE SUBWOOFER
0800.000		293051290400	X	PANORAMA VIEW	PANORAMA VIEW
0910.000		293051290600		INTERFACE Y-UV PLATTE	INTERFACE Y-UV BOARD
0951.000		297006391101		HALTER BAUSTEIN	HOLDER MODULE
1000.000	△	096211130206	4	SICHERUNGSHALTER SI60001/62501	FUSE HOLDER SI60001/62501
1200.000		295042070100		IRDT/FTA-MODUL	IRDT/FTA-MODUL
2200.000	△	293033995100		NETZ EINBAUGERAETESTECKER	APPLIANCE COUPLER W.CABLE
2310.000	△	293033891101		VORSCHALTDROSSEL KPL LOETBAR	SERIES REACTOR CPL SOLDERING
2310.000	△	293033891102		VORSCHALTDROSSEL KPL STECKBAR	SERIES REACTOR CPL INSERT
2400.000		293031530107	2	MONTAGECLIP IC50020/T60006	MOUNTING CLIP IC50020/T60006
2410.000		293031530200		MONTAGECLIP IC40000	MOUNTING CLIP IC40000
2420.000		293031530208		MONTAGECLIP T53001	MOUNTING CLIP T53001
2430.000		293031531208	3	MONTAGECLIP IC61040/61050/61060	MOUNTING CLIP IC61040/61050/61060
2440.000		293031531605		MONTAGECLIP T55002	MOUNTING CLIP T55002
2450.000		293031561801		FOLIE WAERMELEITEND T60006	FOIL HEAT CONDUCTING T60006
2460.000		293031562000	2	FOLIE WAERMELEITEND IC61040/61050	FOIL HEAT CONDUCTING IC61040/61050

WW.=WAHLWEISE
X=SIEHE GESONDERTE E-LISTEWW.=OPTIONAL
X=SEE SEPARATE PARTS LIST

POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION	POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION
C 40012	845299615000	ELKO 2200UF 20% 25V	C 62502	△ 851179301800	MP3 0,1UF 20% 250VW
C 53002	851591170600	FOKO FKP1/4 0,0155UF 3,5% 1600V	C 62505	△ 856373242500	FOKO KF #25 0,1UF 20% 250VW
C 53009	851591160200	FOKO FKP1 142PF 2,5% 2000V			
C 54002	865006704600	KERKO HV C 100PF 20% 1KV	CC 40026	831150030600	SMD VDR 0805 1500PF
C 54011	865006704600	KERKO HV C 100PF 20% 1KV	CC 40046	831150030600	SMD VDR 0805 1500PF
C 54012	845299615500	ELKO 4700UF 20% 25V	CC 43003	831150031100	SMD VDR 0805 470PF
C 60001	865008112500	KERKO HV C 100PF 20% 1KV	CC 43008	831150031100	SMD VDR 0805 470PF
C 60009	851591160500	FOKO FKP1 220PF 5% 2000V	CC 43013	831150030600	SMD VDR 0805 1500PF
C 60022	844330605900	ELKO 15 300/330UF 385V	CC 43018	831150030600	SMD VDR 0805 1500PF
WW.	845199712400	ELKO #6 300UF +50-20% 385V	CC 43023	831150031100	SMD VDR 0805 470PF
C 60023	865008112500	KERKO HV C 100PF 20% 1KV	CC 43028	831150031100	SMD VDR 0805 470PF
C 60024	865008112500	KERKO HV C 100PF 20% 1KV	CC 43033	831150030600	SMD VDR 0805 1500PF
C 60026	865008112500	KERKO HV C 100PF 20% 1KV	CC 43038	831150030600	SMD VDR 0805 1500PF
C 60027	865008112500	KERKO HV C 100PF 20% 1KV			
C 61016	851591103800	FOKO FKP1 100PF 10% 1600V	CD 32411	830940159200	SMD DIODE BA591/BA592/BA782S
C 61026	865006704600	KERKO HV C 100PF 20% 1KV	CD 32421	830940159200	SMD DIODE BA591/BA592/BA782S
C 61027	845209705500	ELKO #16 600/680UF +50-20% 63V	CD 35483	8325000414800	SMD DIODE LS 4148
C 61036	865006704600	KERKO HV C 100PF 20% 1KV	CD 35671	8325000414800	SMD DIODE LS 4148
C 61037	845209705700	ELKO 28 1000UF 63V	CD 35681	8325000414800	SMD DIODE LS 4148
C 61056	865006704600	KERKO HV C 100PF 20% 1KV	CD 35691	8325000414800	SMD DIODE LS 4148
C 62021	△ 866009823400	KERKO SI 1000PF 20% 400V	CD 80007	830940159200	SMD DIODE BA591/BA592/BA782S
C 62022	△ 866009823400	KERKO SI 1000PF 20% 400V			
C 62048	△ 866009823400	KERKO SI 1000PF 20% 400V	CIC32410	830581409400	SMD IC MC14094BD
C 62501	△ 851179301800	MP3 0,1UF 20% 250VW	CIC43050	830581455100	SMD IC MC14551BD/R2

ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

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POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION	POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION
CIC80905	830515855100	SMD IC SDA5250MMQFP80C11	D 57023	830921504500	DIODE 1N4148
CT 31005	830100385800	SMD TRANS BC858B/ BC857B	D 57101	830919854200	DIODE BAT42/43/BAT85/86
CT 32105	830100581700	SMD-TRANS.BC 817-25	D 57122	830921504500	DIODE 1N4148
CT 32111	830100484800	SMD TRANS BC848B/ BC847B	D 60005	830920002100	DIODE BAV21
CT 32119	830100484800	SMD TRANS BC848B/ BC847B	D 60006	830951685400	DIODE BYT 54 M
CT 32122	830100385800	SMD TRANS BC858B/ BC857B	D 60007	830951685400	DIODE BYT 54 M
CT 32123	830100484800	SMD TRANS BC848B/ BC847B	D 60012	830920002100	DIODE BAV21
CT 32124	830100385800	SMD TRANS BC858B/ BC857B	D 60023	830856038400	GLR.SKB380C1500
CT 32132	830100484800	SMD TRANS BC848B/ BC847B	D 60037	830920002100	DIODE BAV21
CT 32308	830100385800	SMD TRANS BC858B/ BC857B	D 61016	△ 830921150800	DIODE SF5408
CT 32310	830100385800	SMD TRANS BC858B/ BC857B	D 61036	△ 830951710800	DIODE BYT108-400
CT 32312	830100385800	SMD TRANS BC858B/ BC857B	D 61056	△ 830951717200	DIODE BYW172D
CT 32315	830100385800	SMD TRANS BC858B/ BC857B	D 81020	830921504500	DIODE 1N4148
CT 32318	830100385800	SMD TRANS BC858B/ BC857B			
CT 32415	830100484800	SMD TRANS BC848B/ BC847B	F 32101	814111240500	FILTER 7X7 405
CT 32430	830100484800	SMD TRANS BC848B/ BC847B	F 32109	860275504200	CER.TRAP 42
CT 32431	830100484800	SMD TRANS BC848B/ BC847B	F 32121	814111136000	FILTER 7X7 360
CT 34031	830100385800	SMD TRANS BC858B/ BC857B	F 32410	814110760000	SPULF 7X7 #600 FARBE342
CT 34075	830100484800	SMD TRANS BC848B/ BC847B	F 32412	831900345200	OWFIL K3453K
CT 35483	830100385800	SMD TRANS BC858B/ BC857B			
CT 35484	830100484800	SMD TRANS BC848B/ BC847B	IC 32000	830543341500	IC MSP3411G-PO-XX
CT 35671	830100484800	SMD TRANS BC848B/ BC847B	IC 34015	830533884300	IC TDA8843N2S1
CT 35672	830100385800	SMD TRANS BC858B/ BC857B	IC 40000	830536729700	IC TDA7297
CT 35681	830100484800	SMD TRANS BC848B/ BC847B	IC 43280	830536642500	IC TEA6425
CT 35682	830100385800	SMD TRANS BC858B/ BC857B	IC 50020	830533835000	IC TDA8350Q/N6
CT 35691	830100484800	SMD TRANS BC848B/ BC847B	IC 60010	830535460500	IC TDA4605/3
CT 35692	830100385800	SMD TRANS BC858B/ BC857B	IC 61040	830520431700	IC LM317T
CT 35700	830100385800	SMD TRANS BC858B/ BC857B	IC 61050	830520431700	IC LM317T
CT 40059	830100484800	SMD TRANS BC848B/ BC847B	IC 61060	830520570300	IC MC7805CT
CT 41022	830100680800	SMD TRANS BC808-40/ BC807-40	IC 61310	830520435700	IC LM358N
CT 41030	830100680800	SMD TRANS BC808-40/ BC807-40	IC 80000	830521006500	IC MC33164P-5RP
CT 43095	830100484800	SMD TRANS BC848B/ BC847B	IC 80920	197983330100	IC 27C020-150NS PROG.KPL
CT 43246	830100484800	SMD TRANS BC848B/ BC847B	IC 82005	830512400800	IC M24C08B1/ M24C08-BN6
CT 43255	830100484800	SMD TRANS BC848B/ BC847B			
CT 43289	830100385800	SMD TRANS BC858B/ BC857B	L 31043	814052644000	DR ST 0411-GRP 8,2UH 10%
CT 46004	830100484800	SMD TRANS BC848B/ BC847B	L 32023	814052641900	DR AX 0411-GA 1UH 10%
CT 46009	830100484800	SMD TRANS BC848B/ BC847B	L 32026	814052603400	DR 0309 10UH 5%
CT 52253	830100385800	SMD TRANS BC858B/ BC857B	L 32109	814052644400	DR ST 0309-GRP 10UH 5%
CT 57005	830100484800	SMD TRANS BC848B/ BC847B	L 32342	814050524900	DR A AX-GA 10UH 10%
CT 57020	830100385800	SMD TRANS BC858B/ BC857B	L 43098	814051174800	DR 0411 22UH 10%
CT 57021	830100385800	SMD TRANS BC858B/ BC857B	L 46022	814052645800	DR 0309 2,7UH 5% ST
CT 57112	830100385800	SMD TRANS BC858B/ BC857B	L 53001	810498205600	FERRITPERLE HF70 BTL 3,5X6
CT 57113	830100385800	SMD TRANS BC858B/ BC857B	L 53002	810498205600	FERRITPERLE HF70 BTL 3,5X6
CT 57124	830100484800	SMD TRANS BC848B/ BC847B	L 53003	810498205600	FERRITPERLE HF70 BTL 3,5X6
CT 61043	830100484800	SMD TRANS BC848B/ BC847B			
CT 61053	830100484800	SMD TRANS BC848B/ BC847B	L 53011	814050524900	DR A AX-GA 10UH 10%
CT 81058	830100484800	SMD TRANS BC848B/ BC847B	L 53012	092401105100	DROSSEL 2,2 MH/COIL 2,2 MH
CT 81091	830100484800	SMD TRANS BC848B/ BC847B	L 53021	292031109500	LINEARITAETSREGLER (110)
CT 81508	830100484800	SMD TRANS BC848B/ BC847B			
CT 81511	830100385800	SMD TRANS BC858B/ BC857B	L 53074	092468465600	BRUECKENSPULE (110)
D 31001	830970303300	Z-DIODE ZPY33 2%			
D 31007	830972004800	Z DIODE 4,7 C 0,5W	L 55006	092458160100	O/W AUSKOPPELSPULE
D 40064	830921504500	DIODE 1N4148	L 60006	810498205700	E/W DECOUPLING COIL
D 40066	830921504500	DIODE 1N4148			
D 50011	830972051000	Z DIODE 51 C 0,5W	L 60012	810498201400	DAEMPF-PERLE 433003038102
D 50013	830921502000	DIODE 1 N 4004	L 61016	810498201400	DAEMPF-PERLE 433003038102
D 50014	830921504500	DIODE 1N4148	L 61026	810498201400	DAEMPF-PERLE 433003038102
D 52001	830921504500	DIODE 1N4148	L 61036	810498201400	DAEMPF-PERLE 433003038102
D 53003	830920100500	DIODE BA157	L 61056	810498201400	DAEMPF-PERLE 433003038102
D 53071	△ 830920422800	DIODE BY228			
D 53072	△ 830921014400	DIODE BYW76	L 62501	△ 295008259700	DAMPING BEAD
D 54001	△ 830920426800	DIODE BYV16			
D 54002	830951628300	DIODE BYV 28-200	L 80901	814052292200	DR ST 0411 6,8UH 2%
D 54011	830951628300	DIODE BYV 28-200	L 81062	810498205100	FERRITPERLE HF55 BTL 3,5X4,5
D 57011	830921504500	DIODE 1N4148			
D 57012	830921504500	DIODE 1N4148			
D 57013	830921504500	DIODE 1N4148			
D 57014	830921504500	DIODE 1N4148	OK 60031	△ 830600001200	OPTOKOPPLER CNY17F1

ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION
Q 32305	838243918600	QUARZ #439-9 18,432MHZ 12PF
Q 34043	838213600400	QUARZ #136 2A 4,433619MHZ
Q 80917	860234115500	KERRES #155 18MHZ
R 21117	△ 870536901300	MOW 0617 3,3 OHM 5%
R 32359	△ 870032904700	KSW NB 0207 82 OHM 5% LI
R 40012	△ 873229601100	DRW 6,5 2,7 OHM 10%
R 43098	△ 870111902100	KSW SI B 6,8 OHM 5%
R 50011	△ 870112103700	KSW SI B 33 OHM 5% LI
R 50021	△ 876632740500	MSW 0207 1,5 OHM 1%
R 50022	△ 876632720700	MSW 0207 1,8 OHM 2%
R 50024	△ 876635705700	MSW 0414 220 OHM 5%
R 52004	△ 870532903300	MOW 0411 27 OHM 5% LI
R 53001	△ 870042902300	KSW NB 0207 8,2 OHM 5% ST
R 53002	△ 870042909700	KSW NB 0207 10 KOHM 5% ST
R 53011	△ 870522702100	MOW 0411 6,8 OHM 5%
R 53016	△ 873017922100	DRW 7 6,8 OHM 10% ST
R 53021	△ 870532907100	MOW 0411 820 OHM 5%
R 54001	△ 870532902700	MOW 0411 12 OHM 5% LI
R 54003	△ 870032900900	KSW NB 0207 2,2 OHM
R 54012	△ 873500320100	DRW 0,75W 1 OHM 10%
R 55006	△ 870123081700	NKS 3 4,7 OHM 5%
R 60001	△ 870004913100	KSW 0411 270 KOHM 5%
R 60002	△ 870004914100	KSW 0411 680 KOHM 5%
R 60003	△ 870004914100	KSW 0411 680 KOHM 5%
R 60004	△ 870001129400	KSW 0204 7,5 KOHM 5%
R 60007	△ 870004911700	KSW 0411 68 KOHM 5%
R 60008	△ 870536910500	MOW 0617 22 KOHM 5% LI
R 60009	△ 870536910500	MOW 0617 22 KOHM 5% LI
R 60016	△ 870536904300	MOW 0617 56 OHM 5% LI
R 60021	△ 831100501700	NTC 4,7 OHM 30%
R 60029	△ 870536931900	MOW 0617 82 KOHM 10% LI
R 61018	△ 876504412900	MSW 0414 220 KOHM 5%
R 61019	△ 870012133300	KSW 0207 330 KOHM 5% LI
R 61313	△ 879005005400	ESTR.SK10-A 22 KOHM LIN
R 62049	△ 876634916100	MSW SI 0414 4,7 MOHM 5% LI
R 62505	△ 831120001200	PTC #3 DUO
SI 40012	△ 831561902800	SI LOET T1,6A 250V
SI 40070	△ 831562102700	SI LOET T2,5A 250V
SI 52001	△ 831561202700	SI LOET T315MA 250V
SI 60001	△ 831561900300	SI 5X20 T1,6A L 250V
SI 61026	△ 831562300800	SI LOET T4A 250V
SI 61036	△ 831562400100	SI LOET T 5A 250V
SI 61056	△ 831562102700	SI LOET T2,5A 250V
SI 62501	△ 831561700600	SI 5X20 T2,5A L 250V
T 52001	830328563700	TRANS.BC 637
T 53001	830290001900	TRANS S2000N
T 55002	830299012000	TRANS STP10NB20FP
T 60006	830280505000	TRANS IRFPC50
T 61301	830320554800	TRANS BC548B/BC547B
TR 52001	092468660402	TRAFO TREIBER DRIVER TRANSFORMER
TR 53010	△ 292210296300	TRAFO DIODEN-SPLIT (110) DIODE SPLIT TRANSFORMER CPL
TR 61000	△ 292013449701	SPERRWANDLERTRAFO REVERSE CONVERTER TRANSFORMER

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



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

ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

Ersatzteilliste Spare Parts List

TV**10 / 2000****CHASSIS-FS-STEREO CUC 2059 D NIC/16:9
CHASSIS TV STEREO CUC 2059 D NIC/16:9**

MATERIAL-NR. / PART NO.: 297040146800

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		297040146800		CHASSIS-FS-STEREO CUC 2059 D NIC/16:9 KEIN E-TEIL	CHASSIS TV STEREO CUC 2059 D NIC/16:9 NO SPARE PART
0100.000		295043010100		TUNER-GLOBAL (PLL)	TUNER-GLOBAL (PLL)
0247.000		293031196600	2	EURO-AV BUCHSENLEISTE 21-POL SW	EURO-AV SOCKET STRIP 21 P BLACK
0300.000		293052192400		PROZESSORPLATTE	PROCESSOR BOARD
0500.000		295041048400	X	BAUSTEIN SUBWOOFER	MODULE SUBWOOFER
0800.000		293051290400	X	PANORAMA VIEW	PANORAMA VIEW
0910.000		293051290600		INTERFACE Y-UV PLATTE	INTERFACE Y-UV BOARD
0951.000		297006391101		HALTER BAUSTEIN	HOLDER MODULE
1000.000	△	096211130206	4	SICHERUNGSHALTER SI60001/62501	FUSE HOLDER SI60001/62501
1200.000		295042070100		IRDT/FTA-MODUL	IRDT/FTA-MODUL
2200.000	△	293033995100		NETZ EINBAUGERAETESTECKER	APPLIANCE COUPLER W.CABLE
2310.000	△	293033891101		VORSCHALTDROSSEL KPL LOETBAR	SERIES REACTOR CPL SOLDERING
2310.000	△	293033891102		VORSCHALTDROSSEL KPL STECKBAR	SERIES REACTOR CPL INSERT
2400.000		293031530107	2	MONTAGECLIP IC50020/T60006	MOUNTING CLIP IC50020/T60006
2410.000		293031530200		MONTAGECLIP IC40000	MOUNTING CLIP IC40000
2420.000		293031530208		MONTAGECLIP T53001	MOUNTING CLIP T53001
2430.000		293031531208	3	MONTAGECLIP IC61040/61050/61060	MOUNTING CLIP IC61040/61050/61060
2440.000		293031531605		MONTAGECLIP T55002	MOUNTING CLIP T55002
2450.000		293031561801		FOLIE WAERMELEITEND T60006	FOIL HEAT CONDUCTING T60006
2460.000		293031562000	2	FOLIE WAERMELEITEND IC61040/61050	FOIL HEAT CONDUCTING IC61040/61050
				X = SIEHE GESONDERTE E-LISTE WW. = WAHLWEISE	X = SEE SEPARATE PARTS LIST WW. = OPTIONAL

POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION	POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION
C 40012	845299615000	ELKO 2200UF 20% 25V	C 62505	△ 856373242500	FOKO KF #25 0,1UF 20% 250VWV
C 53002	851591170600	FOKO FKP1/4 0,0155UF 3,5% 1600V	CD 32411	830940159200	SMD DIODE BA591/BA592/BA782S
C 53009	851591160200	FOKO FKP1 142PF 2,5% 2000V	CD 32421	830940159200	SMD DIODE BA591/BA592/BA782S
C 54002	865006704600	KERKO HV C 100PF 20% 1KV	CD 35483	832500414800	SMD DIODE LS 4148
C 54011	865006704600	KERKO HV C 100PF 20% 1KV	CD 35671	832500414800	SMD DIODE LS 4148
C 54012	845299615500	ELKO 4700UF 20% 25V	CD 35681	832500414800	SMD DIODE LS 4148
C 60001	865008112500	KERKO HV C 1000PF 20% 1KV	CD 35691	832500414800	SMD DIODE LS 4148
C 60009	851591160500	FOKO FKP1 220PF 5% 2000V	CD 80007	830940159200	SMD DIODE BA591/BA592/BA782S
C 60022	844330605900	ELKO 15 300/330UF 385V			
WW.	845199712400	ELKO #6 300UF +50-20% 385V			
C 60023	865008112500	KERKO HV C 1000PF 20% 1KV	CIC32410	830581409400	SMD IC MC14094BD
C 60024	865008112500	KERKO HV C 1000PF 20% 1KV	CIC43050	830581455100	SMD IC MC14551BD/R2
C 60026	865008112500	KERKO HV C 1000PF 20% 1KV	CIC80905	830515855100	SMD IC SDA5250MMQFP80C11
C 60027	865008112500	KERKO HV C 1000PF 20% 1KV			
C 61016	851591103800	FOKO FKP1 100PF 10% 1600V	CT 31005	830100385800	SMD TRANS BC858B/ BC857B
C 61026	865006704600	KERKO HV C 100PF 20% 1KV	CT 32105	830100581700	SMD-TRANS.BC 817-25
C 61027	845209705500	ELKO #16 600/680UF +50-20%	CT 32111	830100484800	SMD TRANS BC848B/ BC847B
C 61036	865006704600	KERKO HV C 100PF 20% 1KV	CT 32119	830100484800	SMD TRANS BC848B/ BC847B
C 61037	845209705700	ELKO 28 1000UF 63V	CT 32122	830100385800	SMD TRANS BC858B/ BC857B
C 61056	865006704600	KERKO HV C 100PF 20% 1KV	CT 32123	830100484800	SMD TRANS BC848B/ BC847B
C 62021	△ 866009823400	KERKO SI 1000PF 20% 400V	CT 32124	830100385800	SMD TRANS BC858B/ BC857B
C 62022	△ 866009823400	KERKO SI 1000PF 20% 400V	CT 32132	830100484800	SMD TRANS BC848B/ BC847B
C 62048	△ 866009823400	KERKO SI 1000PF 20% 400V	CT 32308	830100385800	SMD TRANS BC858B/ BC857B
C 62501	△ 851179301800	MP3 0,1UF 20% 250VWV	CT 32310	830100385800	SMD TRANS BC858B/ BC857B
C 62502	△ 851179301800	MP3 0,1UF 20% 250VWV	CT 32312	830100385800	SMD TRANS BC858B/ BC857B

ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION
CT 32315	830100385800	SMD TRANS BC858B/ BC857B
CT 32318	830100385800	SMD TRANS BC858B/ BC857B
CT 32415	830100484800	SMD TRANS BC848B/ BC847B
CT 32430	830100484800	SMD TRANS BC848B/ BC847B
CT 32431	830100484800	SMD TRANS BC848B/ BC847B
CT 34031	830100385800	SMD TRANS BC858B/ BC857B
CT 34075	830100484800	SMD TRANS BC848B/ BC847B
CT 35483	830100385800	SMD TRANS BC858B/ BC857B
CT 35484	830100484800	SMD TRANS BC848B/ BC847B
CT 35671	830100484800	SMD TRANS BC848B/ BC847B
CT 35672	830100385800	SMD TRANS BC858B/ BC857B
CT 35681	830100484800	SMD TRANS BC848B/ BC847B
CT 35682	830100385800	SMD TRANS BC858B/ BC857B
CT 35691	830100484800	SMD TRANS BC848B/ BC847B
CT 35692	830100385800	SMD TRANS BC858B/ BC857B
CT 35700	830100385800	SMD TRANS BC858B/ BC857B
CT 40059	830100484800	SMD TRANS BC848B/ BC847B
CT 41022	830100680800	SMD TRANS BC808-40/ BC807-40
CT 41030	830100680800	SMD TRANS BC808-40/ BC807-40
CT 43095	830100484800	SMD TRANS BC848B/ BC847B
CT 43246	830100484800	SMD TRANS BC848B/ BC847B
CT 43255	830100484800	SMD TRANS BC848B/ BC847B
CT 43289	830100385800	SMD TRANS BC858B/ BC857B
CT 46004	830100484800	SMD TRANS BC848B/ BC847B
CT 46009	830100484800	SMD TRANS BC848B/ BC847B
CT 52253	830100385800	SMD TRANS BC858B/ BC857B
CT 57005	830100484800	SMD TRANS BC848B/ BC847B
CT 57020	830100385800	SMD TRANS BC858B/ BC857B
CT 57021	830100385800	SMD TRANS BC858B/ BC857B
CT 57112	830100385800	SMD TRANS BC858B/ BC857B
CT 57113	830100385800	SMD TRANS BC858B/ BC857B
CT 57124	830100484800	SMD TRANS BC848B/ BC847B
CT 61043	830100484800	SMD TRANS BC848B/ BC847B
CT 61053	830100484800	SMD TRANS BC848B/ BC847B
CT 81058	830100484800	SMD TRANS BC848B/ BC847B
CT 81091	830100484800	SMD TRANS BC848B/ BC847B
CT 81508	830100484800	SMD TRANS BC848B/ BC847B
CT 81511	830100385800	SMD TRANS BC858B/ BC857B
D 31001	830970303300	Z-DIODE ZPY33 2%
D 31007	830972004800	Z DIODE 4,7 C 0,5W
D 40064	830921504500	DIODE 1N4148
D 40066	830921504500	DIODE 1N4148
D 50011	830972051000	Z DIODE 51 C 0,5W
D 50013	830921502000	DIODE 1 N 4004
D 50014	830921504500	DIODE 1N4148
D 52001	830921504500	DIODE 1N4148
D 53003	830920100500	DIODE BA157
D 53071	830920422800	DIODE BY228
D 53072	830921014400	DIODE BYW76
D 54001	830920426800	DIODE BYV16
D 54002	830951628300	DIODE BYV 28-200
D 54011	830951628300	DIODE BYV 28-200
D 57011	830921504500	DIODE 1N4148
D 57012	830921504500	DIODE 1N4148
D 57013	830921504500	DIODE 1N4148
D 57014	830921504500	DIODE 1N4148
D 57023	830921504500	DIODE 1N4148
D 57101	830919854200	DIODE BAT42/43/BAT85/86
D 57122	830921504500	DIODE 1N4148
D 60005	830920002100	DIODE BAV21
D 60006	830951685400	DIODE BYT 54 M
D 60007	830951685400	DIODE BYT 54 M
D 60012	830920002100	DIODE BAV21
D 60023	830856038400	GLR.SKB380C1500
D 60037	830920002100	DIODE BAV21
D 61016	830921150800	DIODE SF5408
D 61036	830951710800	DIODE BYT108-400
D 61056	830951717200	DIODE BYW172D
D 81020	830921504500	DIODE 1N4148

POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION
F 32101	814111240500	FILTER 7X7 405
F 32109	860275504200	CER.TRAP 42
F 32121	814111136000	FILTER 7X7 360
F 32410	814110760000	SPULE 7X7 #600 FARBE342
F 32412	831900345200	OFWFLI K3453K
IC 32000	830543341500	IC MSP3411G-PO-XX
IC 34015	830533884300	IC TDA8843N2S1
IC 40000	830536729700	IC TDA7297
IC 43280	830536642500	IC TEA6425
IC 50020	830533835000	IC TDA8350Q/N6
IC 60010	830535460500	IC TDA4605/3
IC 61040	830520431700	IC LM317T
IC 61050	830520431700	IC LM317T
IC 61060	830520570300	IC MC7805CT
IC 61310	830520435700	IC LM358N
IC 80000	830521006500	IC MC33164P-5RP
IC 80920	197983330100	IC 27C020-150NS PROG.KPL
IC 82005	830512400800	IC M24C08B1/ M24C08-BN6
L 31043	814052644000	DR ST 0411-GRP 8,2UH 10%
L 32023	814052641900	DR AX 0411-GA 1UH 10%
L 32026	814052603400	DR 0309 10UH 5%
L 32109	814052644400	DR ST 0309-GRP 10UH 5%
L 32342	814050524900	DR A AX-GA 10UH 10%
L 43098	814051174800	DR 0411 22UH 10%
L 46022	814052645800	DR 0309 2,7UH 5%
L 53001	810498205600	FERRITPERLE HF70 BTL 3,5X6
L 53002	810498205600	FERRITPERLE HF70 BTL 3,5X6
L 53003	810498205600	FERRITPERLE HF70 BTL 3,5X6
L 53011	814050524900	DR A AX-GA 10UH 10%
L 53012	092401105100	DROSSEL 2,2 MH/COIL 2.2 MH
L 53021	292031109500	LINEARITÄTSREGLER (110)
L 53074	092468465600	LINEARITY CONTROL
L 55006	092458160100	BRUECKENSPULE (110)
L 60006	810498205700	BRIDGE COIL
L 60012	810498201400	OW AUSKOPPELSPULE
L 61016	810498201400	E/W DECOUPLING COIL
L 61026	810498201400	FERRITPERLE 3,6UH
L 61036	810498201400	FERRITE BEAD
L 61056	810498201400	FERRITE BEAD
L 62501	295008259700	DAEMPF-PERLE 433003038102
L 80901	814052292200	DAEMPF-PERLE 433003038102
L 81062	810498205100	DAEMPF-PERLE 433003038102
OK 60031	830600001200	FERRITPERLE HF55 BTL 3,5X4,5
Q 32305	838243918600	FERRITE BEAD
Q 34043	838213600400	ENTSTOER-DR
Q 80917	860234115500	INTERFERENCE CHOKE
R 21117	870536901300	DR ST 0411 6,8UH 2%
R 32359	870032904700	FERRITPERLE HF55 BTL 3,5X4,5
R 40012	873229601100	FERRITE BEAD
R 43098	870111902100	DAEMPF-PERLE 433003038102
R 50011	870112103700	DAEMPF-PERLE 433003038102
R 50021	876632740500	DAEMPF-PERLE 433003038102
R 50022	876632720700	DAEMPF-PERLE 433003038102
R 50024	876635705700	DAMPING BEAD
R 52004	870532903300	ENTSTOER-DR
R 53001	870042902300	INTERFERENCE CHOKE
R 53002	870042909700	DR ST 0411 6,8UH 2%
R 53011	870522702100	FERRITPERLE HF55 BTL 3,5X4,5
R 53016	873017922100	FERRITE BEAD
R 53021	870532907100	DAEMPF-PERLE 433003038102
R 54001	870532902700	DAEMPF-PERLE 433003038102
R 54003	870032900900	DAEMPF-PERLE 433003038102
R 54012	873500320100	DAEMPF-PERLE 433003038102
R 55006	870123081700	DAEMPF-PERLE 433003038102
R 60001	870004913100	DAEMPF-PERLE 433003038102
R 60002	876504414100	DAEMPF-PERLE 433003038102
R 60003	876504414100	DAEMPF-PERLE 433003038102
R 60007	870004911700	DAEMPF-PERLE 433003038102
R 60008	870536910500	DAEMPF-PERLE 433003038102
R 60009	870536910500	DAEMPF-PERLE 433003038102
R 60016	870536904300	DAEMPF-PERLE 433003038102
R 60021	831100501700	DAEMPF-PERLE 433003038102
R 60029	870536931900	DAEMPF-PERLE 433003038102
R 61018	876504412900	DAEMPF-PERLE 433003038102
R 61019	870012133300	DAEMPF-PERLE 433003038102
R 61313	879005005400	DAEMPF-PERLE 433003038102
R 62049	876634916100	DAEMPF-PERLE 433003038102
R 62505	831120001200	DAEMPF-PERLE 433003038102
SI 40012	831561902800	DAEMPF-PERLE 433003038102
SI 40070	831562102700	DAEMPF-PERLE 433003038102
SI 52001	831561202700	DAEMPF-PERLE 433003038102
SI 60001	831561900300	DAEMPF-PERLE 433003038102
SI 61026	831562300800	DAEMPF-PERLE 433003038102
SI 61036	831562400100	DAEMPF-PERLE 433003038102
SI 61056	831562102700	DAEMPF-PERLE 433003038102
SI 62501	831561700600	DAEMPF-PERLE 433003038102
T 52001	830328563700	DAEMPF-PERLE 433003038102
T 53001	830290001900	DAEMPF-PERLE 433003038102
T 55002	830299012000	DAEMPF-PERLE 433003038102
T 60006	830280505000	DAEMPF-PERLE 433003038102
T 61301	830320554800	DAEMPF-PERLE 433003038102
TR 52001	092468660402	DAEMPF-PERLE 433003038102
TR 53010	292210296300	DAEMPF-PERLE 433003038102
TR 61000	292013449701	DAEMPF-PERLE 433003038102

POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION
R 53001	870042902300	KSW NB 0207 8,2 OHM 5% ST
R 53002	870042909700	KSW NB 0207 10 KOHM 5% ST
R 53011	870522702100	MOW 0411 6,8 OHM 5%
R 53016	873017922100	DRW 7 6,8 OHM 10% ST
R 53021	870532907100	MOW 0411 820 OHM 5%
R 54001	870532902700	MOW 0411 12 OHM 5% LI
R 54003	870032900900	KSW NB 0207 2,2 OHM
R 54012	873500320100	DRW 0,75W 1 OHM 10%
R 55006	870123081700	NKS 3 4,7 OHM 5%
R 60001	870004913100	KSW 0411 270 KOHM 5%
R 60002	876504414100	MSW 0411 680 KOHM 5%
R 60003	876504414100	MSW 0411 680 KOHM 5%
R 60007	870004911700	KSW 0411 68 KOHM 5%
R 60008	870536910500	MOW 0617 22 KOHM 5% LI
R 60009	870536910500	MOW 0617 22 KOHM 5% LI
R 60016	870536904300	MOW 0617 56 OHM 5% LI
R 60021	831100501700	NTC 4,7 OHM 30%
R 60029	870536931900	MOW 0617 82 KOHM 10% LI
R 61018	876504412900	MSW 0414 220 KOHM 5%
R 61019	870012133300	KSW 0207 330 KOHM 5% LI
R 61313	879005005400	ESTR.SK10-A 22 KOHM LIN
R 62049	876634916100	MSW SI 0414 4,7 MOHM 5% LI
R 62505	831120001200	PTC #3 DUO
SI 40012	831561902800	SI LOET T1,6A 250V
SI 40070	831562102700	SI LOET T2,5A 250V
SI 52001	831561202700	SI LOET T315MA 250V
SI 60001	831561900300	SI 5X20 T1,6A L 250V
SI 61026	831562300800	SI LOET T4A 250V
SI 61036	831562400100	SI LOET T 5A 250V
SI 61056	831562102700	SI LOET T2,5A 250V
SI 62501	831561700600	SI 5X20 T2,5A L 250V
T 52001	830328563700	TRANS.BC 637
T 53001	830290001900	TRANS S2000N
T 55002	830299012000	TRANS STP10NB20FP
T 60006	830280505000	TRANS IRFPC50
T 61301	830320554800	TRANS BC548B/ BC547B
TR 52001	092468660402	TRAFO TREIBER
TR 53010	292210296300	DRIVER TRANSFORMER
TR 61000	292013449701	TRAFO DIODEN-SPLIT (110)
		DIODE SPLIT TRANSFORMER CPL
		SPERRWANDLERTRAFO
		REVERSE CONVERTER
		TRANSFORMER

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



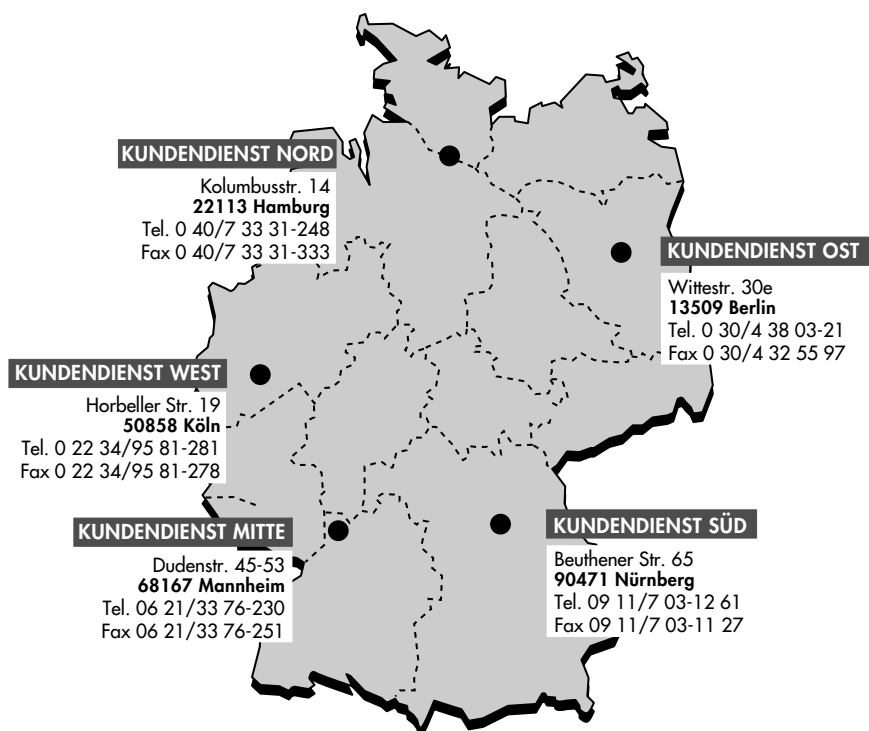
The regulations and safety instructions shall be valid as provided by the "Safety" Service Manual, part number 720108000000, as well as the respective national deviations.

ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

GRUNDIG

Kundendienst Deutschland



GRUNDIG

Kundendienst Europa

