Service  
Manual

Materialnr./Part No.  
720108000001

<http://www.grundig.com>

## GBJ0146

Es gelten die Vorschriften und Sicherheitshinweise gemäß dem Service Manual "Sicherheit", Materialnummer 720108000001, sowie zusätzlich die eventuell abweichenden, landesspezifischen Vorschriften!



The regulations and safety instructions shall be valid as provided by the "Safety" Service Manual, part number 720108000001, as well as the respective national deviations.

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## Allgemeiner Teil

### Allgemeine Hinweise

**Vor dem Öffnen des Gehäuses den Netzstecker ziehen!**

**Achtung: ESD-Vorschriften beachten**

#### Leitungsverlegung

Bevor Sie die Leitungen und insbesondere die Masseleitungen lösen, ist die Leitungsverlegung zu den einzelnen Baugruppen zu beachten. Nach erfolgter Reparatur ist es notwendig, die Leitungsführung wieder in den werkseitigen Zustand zu versetzen um evtl. spätere Ausfälle oder Störungen zu vermeiden.

#### Durchführen von Messungen

Bei Messungen mit dem Oszilloskop an Halbleitern sollten Sie nur Tastköpfe mit 10:1 - Teiler verwenden. Außerdem ist zu beachten, dass nach vorheriger Messung mit AC-Kopplung der Koppelkondensator des Oszilloskops aufgeladen sein kann. Durch die Entladung über das Messobjekt können Bauteile beschädigt werden.

#### Messwerte und Oszillogramme

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

## General Section

### General Notes

**Before opening the cabinet disconnect the mains plug!**

**Attention: Observe the ESD safety regulations**

#### Wiring

Before disconnecting any leads and especially the earth connecting leads observe the way they are routed to the individual assemblies. On completion of the repairs the leads must be laid out as originally fitted at the factory to avoid later failures or disturbances.

#### Carrying out Measurements

When making measurements on semi-conductors with an oscilloscope, ensure that the test probe is set to 10:1 dividing factor. If the previous measurement was made on AC input, please note that the coupling capacitor in the oscilloscope will be charged. Discharge via the item being checked can damage the components.

#### Measured Values and Oscillograms

The measured values given in the circuit diagrams and oscillograms are approximates!

### Austausch der Chassisplatte

Nach Austausch der Chassisplatte müssen alle Einstellungen im Service Mode nach Tabelle "Grundeinstellwerte" (Punkt 1 im Kapitel "Service- und Sonderfunktionen" auf Seite 1-34) eingestellt werden.

## Spezial-Funktionen

### Kindersicherung

Mit der Master-Pin 2356 kann die Einstellung der persönlichen Pin geändert werden.

### Hotel-Mode

Bei aktiviertem Hotel-Mode ist die maximale Lautstärke begrenzt und das Menü "INSTALLATION" ist nicht mehr vorhanden.

Aufruf: i → 8500 → ∨ "System Configuration" → ● (OK) → ∨∧ "Hotel" → < > "Ein".

### Hotel-Mode temporär ausschalten

Bei dieser Funktion ist der Hotel-Mode bis zum nächsten Ausschalten (Standby) des Gerätes deaktiviert.

Aufruf: i → 4658 → i → i → ∨∧ "HOTEL-TV-EINSTELLUNGEN" → ● (OK) In dem zusätzlich erscheinenden Menü HOTEL-TV-EINSTELLUNGEN sind folgende Einstellungen möglich:

- Maximale Lautstärke
- Einschallautstärke
- Erstes Einschalten (Standby / Einschalten)

### Cloning-Funktion

Mit dieser Funktion können folgende Daten auf den extern angeschlossenen USB-Speicher gesichert und zurück kopiert werden:

- Channel/Video Set. Programmtabellen und Einstellungen der Signalquellen - diese sind auch übertragbar auf ein weiteres Gerät gleicher Serie.
- Service Set. Geräte-Einstellwerte der Service- und Sonderfunktionen ohne Display-Einstellwerte.
- User Set. Kundenspezifische Einstellungen.
- ALLE Für den Servicefall: sollte die defekte Chassisplatte noch so weit funktionieren, können alle Einstellwerte gespeichert werden um diese dann in die neue Chassisplatte zu übertragen.

### Daten auf USB-Stick kopieren:

Leeren USB-Speicher anschließen → i → 8500 → ∨∧ "Cloner Configuration" → 4658 → ∨ "Kopieren" → < > TV to USB → ∨ "Copy Item" → < > Channel/Video Set., Service Set., User Set oder ALLE → ∨ "Start Cloning" → starten mit > → am Ende wird "Erfolgreich" angezeigt.

### Daten von USB-Stick in das Gerät zurück speichern:

Gegebenenfalls Hotel-Mode kurzzeitig ausschalten (s.o.) → USB-Stick anschließen → i → 8500 → ∨∧ "Cloner Configuration" → 4658 → ∨ "Kopieren" → < > USB to TV → ∨ "Copy Item" → < > Channel/Video Set., Service Set., User Set oder ALLE → ∨ "Start Cloning" → starten mit > → am Ende wird "Erfolgreich" angezeigt.

### Change of the Chassis Board

After changing the chassis board all settings in the service mode must be done according to the table "Basic Settings" (point 1 in chapter "Service and Special Functions" on page 1-34).

## Special Functions

### Parental Control

The personal pin can be changed with master pin 2356.

### Hotel Mode

Maximum volume is limited and Menu "SOURCE SETUP" is no available at activated hotel mode.

Call up: i → 8500 → ∨ "System Configuration" → ● (OK) → ∨∧ "Hotel" → < > "On".

### Switching off the Hotel Mode temporarily

At this function the activated hotel mode is deactivated until the set is switched off (standby).

Call up: i → 4658 → i → i → ∨∧ "HOTEL TV SETTINGS" → ● (OK) Following adjustment are available in the additionally menu HOTEL TV SETTINGS:

- Maximum Volume
- Start-Up Volume
- First Power (Standby / Power On)

### Cloning Function

It is possible to copy following data to an external USB stick and back to TV set:

- Channel/Video Set. Programme tables and settings of signal sources - they are transferable into further TV set of same version.
- Service Set. TV adjustments of service and special functions without panel values.
- User Set. User settings.
- ALL In case of service: If the defective chassis board are still operate, it is possible to save all adjustments / settings and copy into new chassis board.

### Copy data to USB stick:

Connect empty USB memory → i → 8500 → ∨∧ "Cloner Configuration" → 4658 → ∨ "Copy" → < > TV to USB → ∨ "Copy Item" → < > Channel/Video Set., Service Set., User Set or ALL → ∨ "Start Cloning" → start with > → "Success" is showing at the end.

### Copy data from USB stick into TV set:

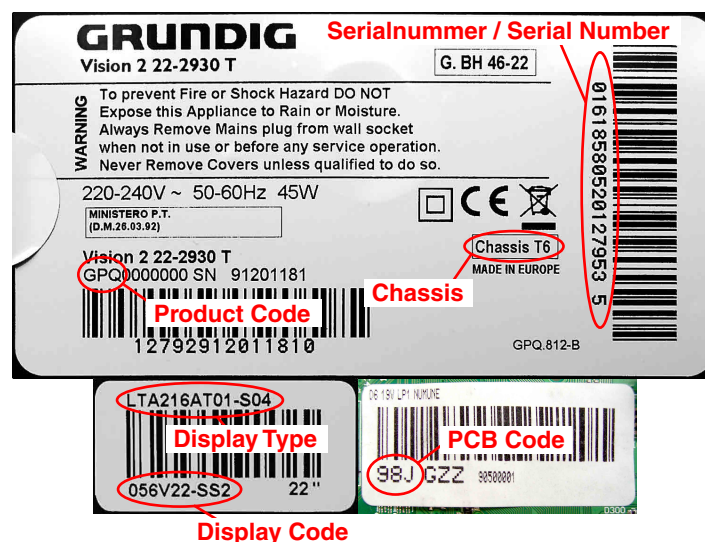
If necessary switch off Hotel Mode temporarily (see above) → i → 8500 → ∨∧ "Cloner Configuration" → 4658 → ∨ "Copy" → < > USB to TV → ∨ "Copy Item" → < > Channel/Video Set., Service Set., User Set or ALL → ∨ "Start Cloning" → start with > → "Success" is showing at the end.

## Geräte- und Display-Varianten

### Display- und Product Code

Je nach Verfügbarkeit werden Displays verschiedener Hersteller eingebaut. Dies führt zu unterschiedlichen Chassis-Bestückungen, sowie zu Änderungen in der Software. Bei Ersatzteilbestellungen und Software-Updates achten Sie bitte auf das eingebaute Display, sowie auf den "Product Code". Angaben dazu finden Sie auf der Geräterückseite. Sollte in der Ersatzteilliste des Service Manuals Ihr "Product Code" oder Ihre Display-Variante nicht aufgeführt sein, können Sie eine aktualisierte Version auf dem GRUNDIG Service-Portal "<http://service.grundig.de>" finden.

Überprüfen Sie vor Platinen-Tausch, ob die Aufkleber der Platinen identisch sind (z.B. PCB Code).



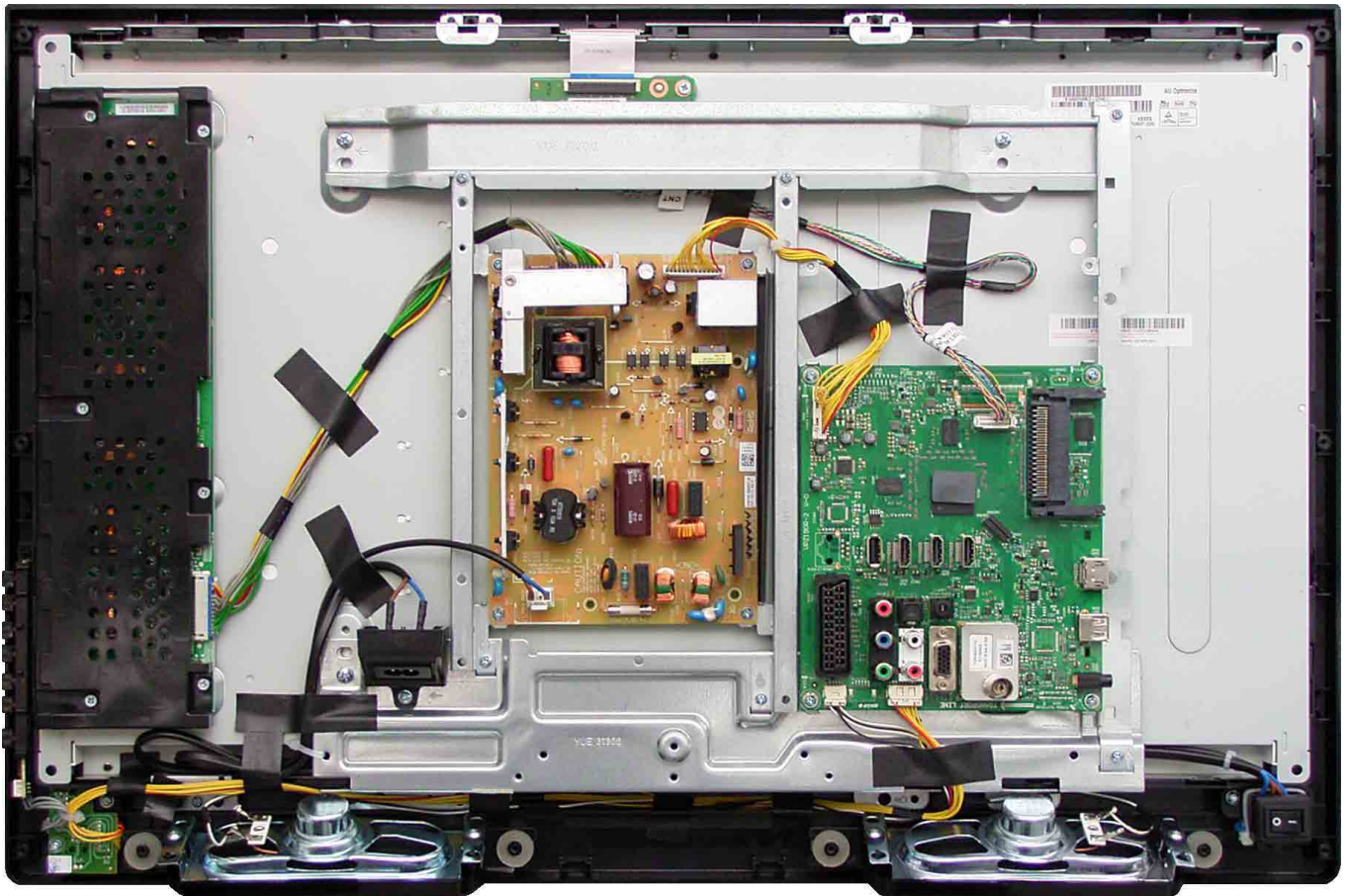
## Product and Display Variants

### Display- und Product Code

Depending on availability displays of different manufacturer are built in. This results in different chassis mountings as well as a different software. On spare parts orders as well as software updates take care of the fitted display as well as of the "Product Code". Therefore you can find information on the labels on the rear side. If your "Product Code" or display variant is not mentioned in the spare parts list of the service manual, please look for a current version at the GRUNDIG service portal "<http://service.grundig.de>".

Before changing any board please check whether the labels on the boards are identical (eg. PCB Code).





26"



## Technische Daten / Technical Data 19"

	19 VLC 2100 C	19 VLE 2101 T2	19 VLE 2102 C
Order No.	GBJ0419	GBJ0719	GBJ0819
Destination	D, A	Nordic	Italy - France
Approbations	CE	CE	CE
IM-Languages	D,GB	SE,NO,CRO,FI,DK,D,EL	FR: ES, FR, PT, D, GB, NL, EE IT: EN, HR, CZ, IT, DE, FR, EL
IM-Languages 2			
Remote control	RC 23	RC 23	RC 23
EAN	40 13833-62647 3	40 13833-62691 6	40 13833-62703 6
Color	Glossy Black	Glossy Black	Glossy Black
<b>DISPLAY</b>			
Panel	18.5" / 47cm	18.5" / 47cm	18.5" / 47cm
Backlight	CCFL	EDGE LED	EDGE LED
Wide-screen format	●	●	●
Response time	ca. 5ms	ca. 5ms	ca. 5ms
Dynamic contrast	Dynamic Contrast Plus	Dynamic Contrast Plus	Dynamic Contrast Plus
Frame Refresh (frames per second)	○	○	○
Viewing angle vertical/horizontal, ca. °	178/178	178/178	178/178
Physical display resolution max. pixel	WXGA 1366 x 768 (HD Ready)	WXGA 1366 x 768 (HD Ready)	WXGA 1366 x 768 (HD Ready)
<b>PICTURE</b>			
Motion Picture Improvement	○	○	○
Motion Adaptive Deinterlacing	3D Deinterlacer	3D Deinterlacer	3D Deinterlacer
Full HD	○	○	○
24p	○	○	○
HD-TV 1080p	○	○	○
Line Flicker Reduction	●	●	●
Digital Color Transition Improv. (DCTI)	●	●	●
Digital Combfilter	3D	3D	3D
Digital Luminance Transition Improv. (DLTI)	●	●	●
Picture Noise Reduction	●	●	●
Preset picture modes	user, vivid, natural, movie, sports	user, vivid, natural, movie, sports	user, vivid, natural, movie, sports
Aspect ratios (Format switching)	Auto (WSS), 4:3 / 16:9 / 14:9 / LetterBox / Subtitle / Panorama	Auto (WSS), 4:3 / 16:9 / 14:9 / LetterBox / Subtitle / Panorama	Auto (WSS), 4:3 / 16:9 / 14:9 / LetterBox / Subtitle / Panorama
PAT: Split screen (PICTURE + TEXT)	●	●	●
PAP: Double Window (PICT. + PICT.)	○	○	○
P²AT: Double Window + TXT	○	○	○
POP: PICTURE on PICTURE	○	○	○
Picture freezing	●	●	●
Zoom with point function	●	●	●
Auto 16:9 selection via Scart	●	●	●
Sharpness control	●	●	●
Blue Background	●	●	●
<b>CHASSIS</b>			
TV-Chassis	TF	TF	TF
Tuner	PLL frequency synthesizer tuning	PLL frequency synthesizer tuning	PLL frequency synthesizer tuning
Scaler	Sapphire 13+	Sapphire 13+	Sapphire 13+
Keyboard	4 keys: Volume/Programm, +/-, stand-by	4 keys: Volume/Programm, +/-, stand-by	4 keys: Volume/Programm, +/-, stand-by
<b>ELECTRONIC</b>			
DLNA	○	○	○
Stand by indicator	blue LED	blue LED	blue LED
EPG (Electronic Programme Guide)	7 days via DVB-T and DVB-C	7 days via DVB-T / T2 / C	7 days via DVB-T and DVB-C
Manual & autom. labeling of prog.	●	●	●
Programmable off timer	●	●	●
Programmable on timer	●	●	●
Intelligent channel search (Zapping funct.)	●	●	●
Programme Edit	●	●	●
Auto switch off	○	○	○
Programme memory TV/AV (opt.)	100 Analog / 1000 DVB-T / 1000 DVB-C / AV	100 Analog / 1000 DVB-T / 1000 DVB-C / AV	100 Analog / 1000 DVB-T / 1000 DVB-C / AV
Teletext/Fasttext/Toptext	● / ● / ●	● / ● / ●	● / ● / ●
Teletext options	1000 pages	1000 pages	1000 pages
Childlock	●	●	●
Menu languages OSD	24 languages, D, GB, F, I, E, P, NL, DK, S, FIN, N, TR, GR, PL, CZ, SK, SLO, H, RU, RO, BG, HR, LT, EE		
OSD-style	OEM-style with Grundig look	OEM-style with Grundig look	OEM-style with Grundig look
Service mode	●	●	●
Game mode	presets (user changeable) for sound and picture in HDMI-, Component- and PC-mode	presets (user changeable) for sound and picture in HDMI-, Component- and PC-mode	presets (user changeable) for sound and picture in HDMI-, Component- and PC-mode
Hotel mode	Simple hotel mode possible via service adjustment	Simple hotel mode possible via service adjustment	Simple hotel mode possible via service adjustment
Digi Link (HDMI CEC 1.3)	○	●	●
Special feature	○	○	○
<b>TUNING</b>			
Autom. Tuning System with country select.	full automatic sorting	full automatic sorting	full automatic sorting
Frequency Based Auto Search	●	●	●
Automatic Micro-search	●	●	●
Manual fine tuning	●	●	●
Direct channel selection	●	●	●
Direct frequency selection	○	○	○
PAL/SECAM/BG/DK/I/L/L	●	●	●
NTSC-Playback via Scart (3,58/4,43)	●	●	●
Cable TV / Hyperband (S1-S41)	●	●	●
<b>AUDIO</b>			
Mono/Stereo/Nicam	● / ● / ●	● / ● / ●	● / ● / ●
AV Stereo	●	●	●
Loudspeaker	2 wide band at the front side	2 wide band at the front side	2 wide band at the front side
SRS	TruSurround HD	TruSurround HD	TruSurround HD
Dolby digital	●	●	●
Virtual Dolby	○	○	○
Subwoofer	○	○	○
Dynamic Bass	○	○	○
Balance Adjustment	●	●	●
AVL (Audio Volume Level)	●	●	●
Equalizer	5 Band	5 Band	5 Band
Space Sound Effect	●	●	●
Audio mode	cinema, music, sport, speech, user	cinema, music, sport, speech, user	cinema, music, sport, speech, user
Audio amplifier	2 x 6/12W nominal/music power (R/L)	2 x 6/12W nominal/music power (R/L)	2 x 6/12W nominal/music power (R/L)
<b>USB part</b>			
Recording	○	●	○
Divx + HD	●	●	●
Repeat	●	○	○
File browser	●	●	●
Video file resolution (max.)	1920 x 1080	1920 x 1080	1920 x 1080
Supported files	.m4a, .wma, .aac, .jpg, .jpe, .bmp, .png, .mov, .divx, .mpg, .mpe, .vob, .dat, .trp, .ts, .avi, .mp4, .mkv, .div	.m4a, .wma, .aac, .jpg, .jpe, .bmp, .png, .mov, .divx, .mpg, .mpe, .vob, .dat, .trp, .ts, .avi, .mp4, .mkv, .div	.m4a, .wma, .aac, .jpg, .jpe, .bmp, .png, .mov, .divx, .mpg, .mpe, .vob, .dat, .trp, .ts, .avi, .mp4, .mkv, .div
Supported subtitles	SRT, SSA, ASS, SMI, Video SUB	SRT, SSA, ASS, SMI, Video SUB	SRT, SSA, ASS, SMI, Video SUB

	19 VLC 2100 C	19 VLE 2101 T2	19 VLE 2102 C
DVD			
DVD-R/+R/-RW/+RW	○	○	○
CD-R/+R/-RW/+RW	○	○	○
SVCD	○	○	○
Supported files	○	○	○
Supported subtitles	○	○	○
<b>DVB reception</b>	EN 300 744 & revised NorDig II spec (regarding DVB-T front end performance)		
Fully compliant to	● / ● - ATS type sorting & LCN type sorting	● / ● - ATS type sorting & LCN type sorting	● / ● - ATS type sorting & LCN type sorting
Automatic/manual channel search	●	●	●
EPG (SI based)	●	●	●
7 Day Electronic Programme Guide	●	●	●
- 8 Day Electronic Programme Guide	○	○	○
- now/next	●	●	●
- scheduled	If broadcasted	If broadcasted	If broadcasted
- Extended Event Info	If broadcasted	If broadcasted	If broadcasted
- Short Event Info	If broadcasted	If broadcasted	If broadcasted
TV/Radio programmes	1000	400	400
OSD languages	Same as analogue languages	Same as analogue languages	Same as analogue languages
Parental control	●	●	●
Teletext VBI insertion	or decoding	or decoding	or decoding
VPS - VBI insertion	PDC based	PDC based	PDC based
Programme table	full automatic sorting	full automatic sorting	full automatic sorting
Factory station list	●	●	●
Embedded Conditional Access	○	○	○
Common Interface	●	●	●
CI +	●	●	●
<b>DVB-T2 Front end</b>			
Input frequency range	○	177 - 862 VHF & UHF	○
Input level / Impedance	○	-75 to -35dBm / 75 Ohm	○
Modulation	○	QPSK, 16QAM, 64QAM, 256QAM	○
FEC MODE	○	LDPC + BCH 1/2, 3/5, 2/3, 3/4, 4/5, 5/6	○
<b>DVB-T Front end</b>			
Tuner inputs (Hyperband)	1	1	1
Input frequency (MHz) / Loop through	177 - 862 VHF & UHF / ○	177 - 862 VHF & UHF / ○	177 - 862 VHF & UHF / ○
Input level / Impedance	-76,0dBm to -20dBm (at 16 QAM 2/3) / 75 Ohm	-76,0dBm to -20dBm (at 16 QAM 2/3) / 75 Ohm	-76,0dBm to -20dBm (at 16 QAM 2/3) / 75 Ohm
Modulation	COFDM 2/8 QPSK 16/64 QAM	COFDM 2/8 QPSK 16/64 QAM	COFDM 2/8 QPSK 16/64 QAM
FEC	1/2, 2/3, 3/4, 5/6, 7/8	1/2, 2/3, 3/4, 5/6, 7/8	1/2, 2/3, 3/4, 5/6, 7/8
Activ antenna support	●	●	●
Hierarchical modulation	○	○	○
<b>DVB-C Front end</b>			
Input frequency (MHz)	47 - 862 VHF & UHF	47 - 862 VHF & UHF	47 - 862 VHF & UHF
Input level / Impedance	47 - 70dbµV / 75 Ohm	47 - 70dbµV / 75 Ohm	47 - 70dbµV / 75 Ohm
Demodulation / Symbol rate Ms/s	QAM 16/32/64/128/256 demodulation support (EN 300 429) 4.0...7.2 Msymbols/s		
<b>Video Decoder</b>			
MPEG profiles	MP@ML, MP@HL, MPEG4 AVC H.264 HP@L4.0	MP@ML, MP@HL, MPEG4 AVC H.264 HP@L4.0	MP@ML, MP@HL, MPEG4 AVC H.264 HP@L4.0
Resolution	576i, 576p, 720p, 1080i	576i, 576p, 720p, 1080i	576i, 576p, 720p, 1080i
OSD colors	Fitting to TV-OSD	Fitting to TV-OSD	Fitting to TV-OSD
Picture formats	Auto (WSS), 4:3 / 14:9 / 16:9 / Panorama / Letterbox / Subtitle	Auto (WSS), 4:3 / 14:9 / 16:9 / Panorama / Letterbox / Subtitle	Auto (WSS), 4:3 / 14:9 / 16:9 / Panorama / Letterbox / Subtitle
<b>Audio Decoder</b>			
Profiles	MPEG4, MPEG 1 layer I & II	MPEG 4, MPEG 2 layer I & II	MPEG 4, MPEG 2 layer I & II
AC 3 Output	○	○	○
Modes	Mono, Dual Mono, Stereo, Joint Stereo	Mono, Dual Mono, Stereo, Joint Stereo	Mono, Dual Mono, Stereo, Joint Stereo
<b>Software</b>			
Service information processing	Dynamic PMT	Dynamic PMT	Dynamic PMT
DVB subtitling	●	●	●
Over air download (OTA)	DVB enhanced profile	DVB enhanced profile	DVB enhanced profile
Navigator	via menu	via menu	via menu
API	○	○	○
Last station memory	from stand-by, as TV	from stand-by, as TV	from stand-by, as TV
Favourite mode	4x free	4x free	4x free
Mute function	●	●	●
Swap function	●	●	●
<b>POWER SUPPLY / CABINET</b>			
Power voltage	230V, 50Hz; in accordance to IEC 65	230V, 50Hz; in accordance to IEC 65	230V, 50Hz; in accordance to IEC 65
Range of regulation	140V - 265V	140V - 265V	140V - 265V
Power switch	●	●	●
Integrated supply	●	●	●
Energy class	B	B	B
Power consumption	26W, standby 0,50W in accordance to IEC 62087-2002	26W, standby 0,50W in accordance to IEC 62087-2002	26W, standby 0,50W in accordance to IEC 62087-2002
Cabinet (WxHxD, cm)	45,8x31,8x6,2cm	45,8x31,8x6,2cm	45,8x31,8x6,2cm
Cabinet with stand (WxHxD, cm)	45,8x34,2x16,0cm	45,8x34,2x16,0cm	45,8x34,2x16,0cm
Weight	ca. 3,3kg	ca. 3,3kg	ca. 3,3kg
<b>FRONT PANEL CONNECTIONS</b>			
Cinch-AV socket	○	○	○
S-Video	○	○	○
<b>REAR PANEL CONNECTIONS</b>			
Euro-AV-Socket AV1	Full wired	Full wired	Full wired
S-Video	via Euro AV	via Euro AV	via Euro AV
Camera-AV	3x Cinch socket in	3x Cinch socket in	3x Cinch socket in
YUV input / progressive	Video-in: 3 x Cinch Audio-in: 2 x Cinch	Video-in: 3 x Cinch Audio-in: 2 x Cinch	Video-in: 3 x Cinch Audio-in: 2 x Cinch
PC-input	WXGA	WXGA	WXGA
PC-Audio in	●	●	●
HDMI	2x	2x	2x
HD ready including HDCP	via HDMI	via HDMI	via HDMI
Common Interface	1 slot	1 slot	1 slot
Headphones	3.5mm jack	3.5mm jack	3.5mm jack
Digital Audio out coaxial (SPDIF)	○	○	○
Digital Audio out optical (SPDIF)	○	○	○
USB	USB 2.0	USB 2.0	USB 2.0
Antenna for terrestrial reception	1 x Coaxial-socket for TV-tuner-in, according to DIN 45325	1 x Coaxial-socket for TV-tuner-in, according to DIN 45325	1 x Coaxial-socket for TV-tuner-in, according to DIN 45325
DC-connector	12V DC (11 - 14,5V, current consumption ca. 4A)	12V DC (11 - 14,5V, current consumption ca. 4A)	12V DC (11 - 14,5V, current consumption ca. 4A)
Power supply plug	●	●	●
<b>SUPPLIED ACCESSORIES</b>			
Wi-Fi Dongle	○	○	○
Remote control (incl. battery)	RC 23 incl. 2x Battery AAA size	RC 23 incl. 2x Battery AAA size	RC 23 incl. 2x Battery AAA size
Power cord	non grounded	non grounded	non grounded
Stand	●	●	●
Cleaning tissue	●	●	●

## Technische Daten / Technical Data 22"

	22 VLC 2103 C	22 VLE 811 C	22 VLE 2100 DVD	22 VLE 2101 DVD T2	22 VLE 2102 C
Order No.	GBJ0522	GBJ8222	GBJ0622	GBJ0922	GBJ1122
Destination	D, A	D, A	D, A	Nordic Countries	Fance - Italy
Approbations	CE	CE	CE	CE	CE
IM-Languages	D,GB	D,GB	D,GB	SE, NO, HR, FI, DK, D, EL	PT, D, GB, NL, EE - IT: EN, HR, CZ, IT
IM-Languages 2					
Remote control	RC 23	RC 23	RC 23	RC 23	RC 23
EAN	40 13833-62648 0	40 13833-62671 8	40 13833-62649 7	4013833-62692 3	40 13833-62705 0
Color	glossy black	glossy black	glossy black	Glossy Black	glossy black
DISPLAY					
Panel	21.6" / 55cm	21.6" / 55cm	21.6" / 55cm	21.6" / 55cm	21.6" / 55cm
Backlight	CCFL	EDGE LED	EDGE LED	EDGE LED	EDGE LED
Wide-screen format	●	●	●	●	●
Response time	ca. 5ms	ca. 6ms	ca. 6ms	ca. 5ms	ca. 5ms
Dynamic contrast	Dynamic Contrast Plus	Dynamic Contrast Plus	Dynamic Contrast Plus	Dynamic Contrast Plus	Dynamic Contrast Plus
Frame Refresh (frames per second)	○	○	○	○	○
Viewing angle vertical/horizontal, ca. °	85/85 75/85	178/178	175/155	178/178	85/85 75/85
Physical display resolution max. pixel	WXGA 1366 x 768 (HD Ready)	WXGA 1366 x 768 (HD Ready)	WXGA 1366 x 768 (HD Ready)	WXGA 1366 x 768 (HD Ready)	WXGA 1366 x 768 (HD Ready)
PICTURE					
Motion Picture Improvement	○	○	○	○	○
Motion Adaptive Deinterlacing	3D DeInterlacer	3D DeInterlacer	3D DeInterlacer	3D DeInterlacer	3D DeInterlacer
Full HD	○	○	○	○	○
24p	○	○	○	○	○
HD-TV 1080p	○	○	○	○	○
Line Flicker Reduction	●	●	●	●	●
Digital Color Transition Improv. (DCTI)	●	●	●	●	●
Digital Comfilter	3D	3D	3D	3D	3D
Digital Luminance Transition Improv. (DLTI)	●	●	●	●	●
Picture Noise Reduction	●	●	●	●	●
Preset picture modes	user, vivid, natural, movie, sports	user, vivid, natural, movie, sports	user, vivid, natural, movie, sports	user, vivid, natural, movie, sports	user, vivid, natural, movie, sports
Aspect ratios (Format switching)	Auto (WSS), 4:3 / 16:9 / 14:9 / LetterBox / Subtitle / Panorama				
PAT: Split screen (PICTURE + TEXT)	●	●	●	●	●
PAP: Double Window (PICT. + PICT.)	○	○	○	○	○
P²AT: Double Window + TXT	○	○	○	○	○
POP: PICTURE on PICTURE	○	○	○	○	○
Picture freezing	●	●	●	●	●
Zoom with point function	●	●	●	●	●
Auto 16:9 selection via Scart	●	●	●	●	●
Sharpness control	●	●	●	●	●
Blue Background	●	●	●	●	●
CHASSIS					
TV-Chassis	TF	TF	TF	TF	TF
Tuner	PLL frequency synthesizer tuning	PLL frequency synthesizer tuning	PLL frequency synthesizer tuning	PLL frequency synthesizer tuning	PLL frequency synthesizer tuning
Scaler	Sapphire 13+	Sapphire 13+	Sapphire 13+	Sapphire 13+	Sapphire 13+
Keyboard	4 keys: Volume/Programm, +/-, stand-by				
ELECTRONIC					
DLNA	○	○	○	○	○
Stand by indicator	blue LED	blue LED	blue LED	blue LED	blue LED
EPG (Electronic Programme Guide)	7 days via DVB-T and DVB-C	7 days via DVB-T and DVB-C	7 days via DVB-T and DVB-C	7 days via DVB-T and DVB-C	7 days via DVB-T and DVB-C
Manual & autom. labeling of prog.	●	●	●	●	●
Programmable off timer	●	●	●	●	●
Programmable on timer	●	●	●	●	●
Intelligent channel search (Zapping funct.)	●	●	●	●	●
Programme Edit	●	●	●	●	●
Auto switch off	○	○	○	○	○
Programme memory TV/AV (opt.)	100 Analog / 1000 DVB-T / 1000 DVB-C / AV				
Teletext/Fasttext/Toptext	● / ● / ●	● / ● / ●	● / ● / ●	● / ● / ●	● / ● / ●
Teletext options	1000 pages	1000 pages	1000 pages	1000 pages	1000 pages
Childlock	●	●	●	●	●
Menu languages OSD	24 languages, D, GB, F, I, E, P, NL, DK, S, FIN, N, TR, GR, PL, CZ, SK, SLO, H, RUS, RO, BG, HR, LT, EE				
OSD-style	OEM-style with Grundig look	OEM-style with Grundig look	OEM-style with Grundig look	OEM-style with Grundig look	OEM-style with Grundig look
Service mode	●	●	●	●	●
Game mode	presets (user changeable) for sound and picture in HDMI-, Component- and PC-mode				
Hotel mode	Simple hotel mode possible via service adjustment				
Digi Link (HDMI CEC 1.3)	●	●	○	●	●
Special feature	○	○	○	○	○
TUNING					
Autom. Tuning System with country select.	full automatic sorting	full automatic sorting	full automatic sorting	full automatic sorting	full automatic sorting
Frequency Based Auto Search	●	●	●	●	●
Automatic Micro-search	●	●	●	●	●
Manual fine tuning	●	●	●	●	●
Direct channel selection	●	●	●	●	●
Direct frequency selection	○	○	○	○	○
PAL/SECAM/BG/DK/I/L/L	●	●	●	●	●
NTSC-Playback via Scart (3,58/4,43)	●	●	●	●	●
Cable TV / Hyperband (S1-S41)	●	●	●	●	●
AUDIO					
Mono/Stereo/Nicam	● / ● / ●	● / ● / ●	● / ● / ●	● / ● / ●	● / ● / ●
AV Stereo	●	●	●	●	●
Loudspeaker	2 wide band at the front side	2 wide band at the front side	2 wide band at the front side	2 wide band at the front side	2 wide band at the front side
SRS	TruSurround HD	TruSurround HD	TruSurround HD	TruSurround HD	TruSurround HD
Dolby digital	●	●	●	●	●
Virtual Dolby	○	○	○	○	○
Subwoofer	○	○	○	○	○
Dynamic Bass	○	○	○	○	○
Balance Adjustment	●	●	●	●	●
AVL (Audio Volume Level)	●	●	●	●	●
Equalizer	5 Band	5 Band	5 Band	5 Band	5 Band
Space Sound Effect	●	●	●	●	●
Audio mode	cinema, music, sport, speech, user	cinema, music, sport, speech, user	cinema, music, sport, speech, user	cinema, music, sport, speech, user	cinema, music, sport, speech, user
Audio amplifier	2 x 6/12W nominal/music power (R/L)				
USB part					
Recording	●	●	○	○	○
Divx + HD	●	●	○	○	○
Repeat	●	●	○	○	○
File browser	●	●	●	●	●
Video file resolution (max.)	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Supported files	.m4a, .wma, .aac, .jpg, .jpe, .bmp, .png, .mov, .divx, .mpg, .mpeg, .vob, .dat, .trp, .ts, .avi, .mp4, .mkv, .div				
Supported subtitles	SRT, SSA, ASS, SMI, Video SUB	SRT, SSA, ASS, SMI, Video SUB	SRT, SSA, ASS, SMI, Video SUB	SRT, SSA, ASS, SMI, Video SUB	SRT, SSA, ASS, SMI, Video SUB



	22 VLC 2103 C	22 VLE 811 C	22 VLE 2100 DVD	22 VLE 2101 DVD T2	22 VLE 2102 C
DVD					
DVD-R/+R/-RW/+RW	○	○	●	●	○
CD-R/+R/-RW/+RW	○	○	●	●	○
SVCD	○	○	●	●	○
Supported files	○	○	MP3,JPG,MPG,AVI	MP3,JPG,MPG,AVI	○
Supported subtitles	○	○	Micro DVD (sub.txt), SubRip(srt), Sami(smi,sami), Sub-Station-Alpha(ssa), Advanced Sub-Station-Alpha(ass)		○
DVB reception					
Fully compliant to	EN 300 744 & revised NorDig II spec (regarding DVB-T front end performance)				
Automatic/manual channel search	● / ● - ATS type sorting & LCN type sorting				
EPG (SI based)	●	●	●	●	●
7 Day Electronic Programme Guide	●	●	●	●	●
- 8 Day Electronic Programme Guide	○	○	○	○	○
- now/next	●	●	●	●	●
- scheduled	If broadcasted	If broadcasted	If broadcasted	If broadcasted	If broadcasted
- Extended Event Info	If broadcasted	If broadcasted	If broadcasted	If broadcasted	If broadcasted
- Short Event Info	If broadcasted	If broadcasted	If broadcasted	If broadcasted	If broadcasted
TV/Radio programmes	1000	1000	1000	1000	1000
OSD languages	Same as analogue languages	Same as analogue languages	Same as analogue languages	Same as analogue languages	Same as analogue languages
Parental control	●	●	●	●	●
Teletext VBI insertion	or decoding	or decoding	or decoding	or decoding	or decoding
VPS - VBI insertion	PDC based	PDC based	PDC based	PDC based	PDC based
Programme table	full automatic sorting	full automatic sorting	full automatic sorting	full automatic sorting	full automatic sorting
Factory station list	●	●	●	●	●
Embedded Conditional Access	○	○	○	○	○
Common Interface	●	●	●	●	●
CI +	●	●	●	●	●
DVB-T2 Front end					
Input frequency range	○	○	○	177 - 862 VHF & UHF	○
Input level / Impedance	○	○	○	-75 to -35dBm / 75 Ohm	○
Modulation	○	○	○	QPSK, 16QAM, 64QAM, 256QAM	○
FEC MODE	○	○	○	LDPC + BCH 1/2, 3/5, 2/3, 3/4, 4/5, 5/6	○
DVB-T Front end					
Tuner inputs (Hyperband)	1	1	1	1	1
Input frequency (MHz) / Loop through	177 - 862 VHF & UHF / ○	177 - 862 VHF & UHF / ○	177 - 862 VHF & UHF / ○	177 - 862 VHF & UHF / ○	177 - 862 VHF & UHF / ○
Input level / Impedance			-76,0dBm to -20dBm (at 16 QAM 2/3) / 75 Ohm		
Modulation	COFDM 2/8 QPSK 16/64 QAM	COFDM 2/8 QPSK 16/64 QAM	COFDM 2/8 QPSK 16/64 QAM	COFDM 2/8 QPSK 16/64 QAM	COFDM 2/8 QPSK 16/64 QAM
FEC	1/2, 2/3, 3/4, 5/6, 7/8	1/2, 2/3, 3/4, 5/6, 7/8	1/2, 2/3, 3/4, 5/6, 7/8	1/2, 2/3, 3/4, 5/6, 7/8	1/2, 2/3, 3/4, 5/6, 7/8
Activ antenna support	●	●	●	○	○
Hierarchical modulation	○	○	○	○	○
DVB-C Front end					
Input frequency (MHz)	47 - 862 VHF & UHF	47 - 862 VHF & UHF	47 - 862 VHF & UHF	47 - 862 VHF & UHF	47 - 862 VHF & UHF
Input level / Impedance	47 - 70dBμV / 75 Ohm	47 - 70dBμV / 75 Ohm	47 - 70dBμV / 75 Ohm	47 - 70dBμV / 75 Ohm	47 - 70dBμV / 75 Ohm
Demodulation / Symbol rate Ms/s	QAM 16/32/64/128/256 demodulation support (EN 300 429) 4,0...7,2 Msymbols/s				
Video Decoder					
MPEG profiles	MP@ML, MP@HL, MPEG4 AVC H.264 HP@L4.0				
Resolution	576i, 576p, 720p, 1080i	576i, 576p, 720p, 1080i	576i, 576p, 720p, 1080i	576i, 576p, 720p, 1080i	576i, 576p, 720p, 1080i
OSD colors	Fitting to TV-OSD	Fitting to TV-OSD	Fitting to TV-OSD	Fitting to TV-OSD	Fitting to TV-OSD
Picture formats	Auto (WSS), 4:3 / 14:9 / 16:9 / Panorama / Letterbox / Subtitle				
Audio Decoder					
Profiles	MPEG 4 , MPEG 2 layer I & II	MPEG 4 , MPEG 2 layer I & II	MPEG 4 , MPEG 2 layer I & II	MPEG 4 , MPEG 2 layer I & II	MPEG 4 , MPEG 2 layer I & II
AC 3 Output	○	○	○	○	○
Modes	Mono, Dual Mono, Stereo, Joint Stereo				
Software					
Service information processing	Dynamic PMT	Dynamic PMT	Dynamic PMT	Dynamic PMT	Dynamic PMT
DVB subtitling	●	●	●	●	●
Over air download (OTA)	DVB enhanced profile	DVB enhanced profile	DVB enhanced profile	DVB enhanced profile	DVB enhanced profile
Navigator	via menu	via menu	via menu	via menu	via menu
API	○	○	○	○	○
Last station memory	from stand-by, as TV	from stand-by, as TV	from stand-by, as TV	from stand-by, as TV	from stand-by, as TV
Favourite mode	4x free	4x free	4x free	4x free	4x free
Mute function	●	●	●	●	●
Swap function	●	●	●	●	●
POWER SUPPLY / CABINET					
Power voltage	230V, 50Hz; in accordance to IEC 65	230V, 50Hz; in accordance to IEC 65	230V, 50Hz; in accordance to IEC 65	230V, 50Hz; in accordance to IEC 65	230V, 50Hz; in accordance to IEC 65
Range of regulation	140V - 265V	140V - 265V	140V - 265V / 50-60Hz	140V - 265V / 50-60Hz	140V - 265V
Power switch	○	○	○	○	○
Integrated supply	○	○	○	○	○
Energy class	B	B	B	B	B
Power consumption	32W, standby 0,50W in accordance to IEC 62087-2002	32W, standby 0,50W in accordance to IEC 62087-2002	32W, standby 0,50W in accordance to IEC 62087-2002	32W, standby 0,50W in accordance to IEC 62087-2002	32W, standby 0,50W in accordance to IEC 62087-2002
Cabinet (WxHxD, cm)	52,3x35,6x6,9cm	52,5x35,1x5,5cm	52,3x35,6x6,9cm	52,3x35,6x6,9cm	52,3x35,6x6,9cm
Cabinet with stand (WxHxD, cm)	52,3x38,0x16,0cm	52,5x38,4x15,7cm	52,3x38,0x16,0cm	52,3x38,0x16,0cm	52,3x38,0x16,0cm
Weight	ca. 4,3kg	ca. 5,1kg	ca. 5kg	ca. 4,3kg	ca. 4,3kg
FRONT PANEL CONNECTIONS					
Cinch-AV socket	○	○	○	○	○
S-Video	○	○	○	○	○
REAR PANEL CONNECTIONS					
Euro-AV-Socket AV1	Full wired	Full wired	Full wired	Full wired	Full wired
S-Video	via Euro AV	via Euro AV	via Euro AV	via Euro AV	via Euro AV
Camera-AV	3x Cinch socket in	3x Cinch socket in	3x Cinch socket in	3x Cinch socket in	3x Cinch socket in
YUV input / progressive	via VGA	Video-in: 3 x Cinch Audio-in: 2 x Cinch	Video-in: 3 x Cinch Audio-in: 2 x Cinch	Video-in: 3 x Cinch Audio-in: 2 x Cinch	Video-in: 3 x Cinch Audio-in: 2 x Cinch
PC-input	WXGA	WXGA	WXGA	WXGA	WXGA
PC-Audio in	●	●	●	●	●
HDMI	2x	2x	2x	2x	2x
HD ready including HDCP	via HDMI	via HDMI	via HDMI	via HDMI	via HDMI
Common Interface	1 slot	1 slot	1 slot	1 slot	1 slot
Headphones	3.5mm jack	3.5mm jack	3.5mm jack	3.5mm jack	3.5mm jack
Digital Audio out coaxial (SPDIF)	○	○	○	○	○
Digital Audio out optical (SPDIF)	○	○	○	○	○
USB	USB 2.0	USB 2.0	USB 2.0	USB 2.0	USB 2.0
Antenna for terrestrial reception	1 x Coaxial-socket for TV-tuner-in, according to DIN 45325	1 x Coaxial-socket for TV-tuner-in, according to DIN 45325	1 x Coaxial-socket for TV-tuner-in, according to DIN 45325	1 x Coaxial-socket for TV-tuner-in, according to DIN 45325	1 x Coaxial-socket for TV-tuner-in, according to DIN 45325
DC-connector	12V DC (11 - 14,5V, current consumption ca. 4A)				
Power supply plug	●	●	●	●	●
SUPPLIED ACCESSORIES					
Wi-Fi Dongle	○	○	○	○	○
Remote control (incl. battery)	RC 23 incl. 2x Battery AAA size non grounded	RC 23 incl. 2x Battery AAA size non grounded	RC 23 incl. 2x Battery AAA size non grounded	RC 23 incl. 2x Battery AAA size non grounded	RC 23 incl. 2x Battery AAA size non grounded
Power cord	●	●	●	●	●
Stand	●	●	●	●	●
Cleaning tissue	●	●	●	●	●

## Technische Daten / Technical Data 22"

	22 VLE 4100 T2	22 VLE 7151 C	22 VLE 7181 C	22 VLE 8102 C	22 VLE 8103 C
Order No.	GBJ2022	GBJ7222	GBJ7122	GBJ8422	GBJ8922
Destination	Nordic Countries	D, A	D, A	France - Italy	D, A
Approbations	CE	CE	CE	CE	CE
IM-Languages	NO, FI, DK, SE, EL, HR, D	D,GB	D,GB	D,GB	D,GB
IM-Languages 2				FR: ES, FR, PT, D, GB, NL, EE IT: EN, HR, CZ, IT, DE, FR, EL	
Remote control	RC 23	RC 23	RC 23	RC 23-YF1	RC 23
EAN	40 13833-62694 7	40 13833-62665 7	40 13833-62664 0	40 13833-62706 7	40 13833-62774 6
Color	glossy black	glossy white	glossy black	glossy black	silver
DISPLAY					
Panel	21.6" / 55cm	21.6" / 55cm	21.6" / 55cm	21.6" / 55cm	21.6" / 55cm
Backlight	EDGE LED	EDGE LED	EDGE LED	EDGE LED	EDGE LED
Wide-screen format	●	●	●	●	●
Response time	ca. 6ms	ca. 6ms	ca. 6ms	ca. 6ms	ca. 6ms
Dynamic contrast	Dynamic Contrast Plus	Dynamic Contrast Plus	Dynamic Contrast Plus	Dynamic Contrast Plus	Dynamic Contrast Plus
Frame Refresh (frames per second)	○	○	○	○	○
Viewing angle vertical/horizontal, ca. °	178/178	178/178	178/178	178/178	178/178
Physical display resolution max. pixel	WXGA 1366 x 768 (HD Ready)	WXGA 1366 x 768 (HD Ready)	WXGA 1366 x 768 (HD Ready)	WXGA 1366 x 768 (HD Ready)	WXGA 1366 x 768 (HD Ready)
PICTURE					
Motion Picture Improvement	○	○	○	○	○
Motion Adaptive Deinterlacing	3D DeInterlacer	3D DeInterlacer	3D DeInterlacer	3D DeInterlacer	3D DeInterlacer
Full HD	○	○	○	○	○
24p	○	○	○	○	○
HD-TV 1080p	○	○	○	○	○
Line Flicker Reduction	●	●	●	●	●
Digital Color Transition Improv. (DCTI)	●	●	●	●	●
Digital Combfilter	3D	3D	3D	3D	3D
Digital Luminance Transition Improv. (DLTI)	●	●	●	●	●
Picture Noise Reduction	●	●	●	●	●
Preset picture modes	user, vivid, natural, movie, sports	user, vivid, natural, movie, sports	user, vivid, natural, movie, sports	user, vivid, natural, movie, sports	user, vivid, natural, movie, sports
Aspect ratios (Format switching)	Auto (WSS), 4:3 / 16:9 / 14:9 / LetterBox / Subtitle / Panorama				
PAT: Split screen (PICTURE + TEXT)	●	●	●	●	●
PAP: Double Window (PICT. + PICT.)	○	○	○	○	○
P²AT: Double Window + TXT	○	○	○	○	○
POP: PICTURE on PICTURE	○	○	○	○	○
Picture freezing	●	●	●	●	●
Zoom with point function	●	●	●	●	●
Auto 16:9 selection via Scart	●	●	●	●	●
Sharpness control	●	●	●	●	●
Blue Background	●	●	●	●	●
CHASSIS					
TV-Chassis	TF	TF	TF	TF	TF
Tuner	PLL frequency synthesizer tuning	PLL frequency synthesizer tuning	PLL frequency synthesizer tuning	PLL frequency synthesizer tuning	PLL frequency synthesizer tuning
Scaler	Sapphire 13+	Sapphire 13+	Sapphire 13+	Sapphire 13+	Sapphire 13+
Keyboard	4 keys: Volume/Programm, +/-, stand-by				
ELECTRONIC					
DLNA	○	○	○	○	○
Stand by indicator	blue LED	blue LED	blue LED	blue LED	blue LED
EPG (Electronic Programme Guide)	7 days via DVB-T and DVB-C	7 days via DVB-T and DVB-C	7 days via DVB-T and DVB-C	7 days via DVB-T and DVB-C	7 days via DVB-T and DVB-C
Manual & autom. labeling of prog.	●	●	●	●	●
Programmable off timer	●	●	●	●	●
Programmable on timer	●	●	●	●	●
Intelligent channel search (Zapping funct.)	●	●	●	●	●
Programme Edit	●	●	●	●	●
Auto switch off	○	○	○	○	○
Programme memory TV/AV (opt.)	100 Analog / 1000 DVB-T / 1000 DVB-C / AV				
Teletext/Fasttext/Toptext	● / ● / ●	● / ● / ●	● / ● / ●	● / ● / ●	● / ● / ●
Teletext options	1000 pages	1000 pages	1000 pages	1000 pages	1000 pages
Childlock	●	●	●	●	●
Menu languages OSD	24 languages, D, GB, F, I, E, P, NL, DK, S, FIN, N, TR, GR, PL, CZ, SK, SLO, H, RUS, RO, BG, HR, LT, EE				
OSD-style	OEM-style with Grundig look	OEM-style with Grundig look	OEM-style with Grundig look	OEM-style with Grundig look	OEM-style with Grundig look
Service mode	●	●	●	●	●
Game mode	presets (user changeable) for sound and picture in HDMI-, Component- and PC-mode				
Hotel mode	Simple hotel mode possible via service adjustment				
Digi Link (HDMI CEC 1.3)	●	●	●	●	●
Special feature	○	○	○	○	○
TUNING					
Autom. Tuning System with country select.	full automatic sorting	full automatic sorting	full automatic sorting	full automatic sorting	full automatic sorting
Frequency Based Auto Search	●	●	●	●	●
Automatic Micro-search	●	●	●	●	●
Manual fine tuning	●	●	●	●	●
Direct channel selection	●	●	●	●	●
Direct frequency selection	○	○	○	○	○
PAL/SECAM/BG/DK/I/L/L	●	●	●	●	●
NTSC-Playback via Scart (3,58/4,43)	●	●	●	●	●
Cable TV / Hyperband (S1-S41)	●	●	●	●	●
AUDIO					
Mono/Stereo/Nicam	● / ● / ●	● / ● / ●	● / ● / ●	● / ● / ●	● / ● / ●
AV Stereo	●	●	●	●	●
Loudspeaker	2 wide band at the front side	2 wide band at the front side	2 wide band at the front side	2 wide band at the front side	2 wide band at the front side
SRS	TruSurround HD	TruSurround HD	TruSurround HD	TruSurround HD	TruSurround HD
Dolby digital	●	●	●	●	●
Virtual Dolby	○	○	○	○	○
Subwoofer	○	○	○	○	○
Dynamic Bass	○	○	○	○	○
Balance Adjustment	●	●	●	●	●
AVL (Audio Volume Level)	●	●	●	●	●
Equalizer	5 Band	5 Band	5 Band	5 Band	5 Band
Space Sound Effect	●	●	●	●	●
Audio mode	cinema, music, sport, speech, user	cinema, music, sport, speech, user	cinema, music, sport, speech, user	cinema, music, sport, speech, user	cinema, music, sport, speech, user
Audio amplifier	2 x 6/12W nominal/music power (R/L)				
USB part					
Recording	●	●	●	●	●
Divx + HD	●	●	●	●	●
Repeat	●	●	●	●	●
File browser	●	●	●	●	●
Video file resolution (max.)	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Supported files	.m4a, .wma, .aac, .jpg, .jpe, .bmp, .png, .mov, .divx, .mpg, .mpe, .vob, .dat, .trp, .ts, .avi, .mp4, .mkv, .div				
Supported subtitles	SRT, SSA, ASS, SMI, Video SUB	SRT, SSA, ASS, SMI, Video SUB	SRT, SSA, ASS, SMI, Video SUB	SRT, SSA, ASS, SMI, Video SUB	SRT, SSA, ASS, SMI, Video SUB

	22 VLE 4100 T2	22 VLE 7151 C	22 VLE 7181 C	22 VLE 8102 C	22 VLE 8103 C
DVD					
DVD-R/+R/-RW/+RW	○	○	○	○	○
CD-R/+R/-RW/+RW	○	○	○	○	○
SVCD	○	○	○	○	○
Supported files	○	○	○	○	○
Supported subtitles	○	○	○	○	○
DVB reception					
Fully compliant to	EN 300 744 & revised NorDig II spec (regarding DVB-T front end performance)				
Automatic/manual channel search	● / ● - ATS type sorting & LCN type sorting				
EPG (SI based)	●	●	●	●	●
7 Day Electronic Programme Guide	●	●	●	●	●
- 8 Day Electronic Programme Guide	○	○	○	○	○
- now/next	●	●	●	●	●
- scheduled	If broadcasted	If broadcasted	If broadcasted	If broadcasted	If broadcasted
- Extended Event Info	If broadcasted	If broadcasted	If broadcasted	If broadcasted	If broadcasted
- Short Event Info	If broadcasted	If broadcasted	If broadcasted	If broadcasted	If broadcasted
TV/Radio programmes	1000	1000	1000	1000	1000
OSD languages	Same as analogue languages	Same as analogue languages	Same as analogue languages	Same as analogue languages	Same as analogue languages
Parental control	●	●	●	●	●
Teletext VBI insertion	or decoding	or decoding	or decoding	or decoding	or decoding
VPS - VBI insertion	PDC based	PDC based	PDC based	PDC based	PDC based
Programme table	full automatic sorting	full automatic sorting	full automatic sorting	full automatic sorting	full automatic sorting
Factory station list	●	●	●	●	●
Embedded Conditional Access	○	○	○	○	○
Common Interface	●	●	●	●	●
CI +	●	●	●	●	●
DVB-T2 Front end					
Input frequency range	177 - 862 VHF & UHF	○	○	○	○
Input level / Impedance	-75 to -35dBm / 75Ohm	○	○	○	○
Modulation	QPSK, 16QAM, 64QAM, 256QAM	○	○	○	○
FEC MODE	LDPC + BCH 1/2, 3/5, 2/3, 3/4, 4/5, 5/6	○	○	○	○
DVB-T Front end					
Tuner inputs (Hyperband)	1	1	1	1	1
Input frequency (MHz) / Loop through	177 - 862 VHF & UHF / ○	177 - 862 VHF & UHF / ○	177 - 862 VHF & UHF / ○	177 - 862 VHF & UHF / ○	177 - 862 VHF & UHF / ○
Input level / Impedance			-76,0dBm to -20dBm (at 16 QAM 2/3) / 75 Ohm		
Modulation	COFDM 2/8 QPSK 16/64 QAM	COFDM 2/8 QPSK 16/64 QAM	COFDM 2/8 QPSK 16/64 QAM	COFDM 2/8 QPSK 16/64 QAM	COFDM 2/8 QPSK 16/64 QAM
FEC	1/2, 2/3, 3/4, 5/6, 7/8	1/2, 2/3, 3/4, 5/6, 7/8	1/2, 2/3, 3/4, 5/6, 7/8	1/2, 2/3, 3/4, 5/6, 7/8	1/2, 2/3, 3/4, 5/6, 7/8
Activ antenna support	●	●	●	●	●
Hierarchical modulation	○	○	○	○	○
DVB-C Front end					
Input frequency (MHz)	47 - 862 VHF & UHF	47 - 862 VHF & UHF	47 - 862 VHF & UHF	47 - 862 VHF & UHF	47 - 862 VHF & UHF
Input level / Impedance	47 - 70dbμV / 75 Ohm	47 - 70dbμV / 75 Ohm	47 - 70dbμV / 75 Ohm	47 - 70dbμV / 75 Ohm	47 - 70dbμV / 75 Ohm
Demodulation / Symbol rate Ms/s	QAM 16/32/64/128/256 demodulation support (EN 300 429) 4,0...7,2 Msymbols/s				
Video Decoder					
MPEG profiles	MP@ML, MP@HL, MPEG4 AVC H.264 HP@L4.0				
Resolution	576i, 576p, 720p, 1080i	576i, 576p, 720p, 1080i	576i, 576p, 720p, 1080i	576i, 576p, 720p, 1080i	576i, 576p, 720p, 1080i
OSD colors	Fitting to TV-OSD	Fitting to TV-OSD	Fitting to TV-OSD	Fitting to TV-OSD	Fitting to TV-OSD
Picture formats	Auto (WSS), 4:3 / 14:9 / 16:9 / Panorama / Letterbox / Subtitle				
Audio Decoder					
Profiles	MPEG 4, MPEG 2 layer I & II	MPEG 4, MPEG 2 layer I & II	MPEG 4, MPEG 2 layer I & II	MPEG 4, MPEG 2 layer I & II	MPEG 4, MPEG 2 layer I & II
AC 3 Output	○	○	○	○	○
Modes	Mono, Dual Mono, Stereo, Joint Stereo				
Software					
Service information processing	Dynamic PMT	Dynamic PMT	Dynamic PMT	Dynamic PMT	Dynamic PMT
DVB subtitling	●	●	●	●	●
Over air download (OTA)	DVB enhanced profile	DVB enhanced profile	DVB enhanced profile	DVB enhanced profile	DVB enhanced profile
Navigator	via menu	via menu	via menu	via menu	via menu
API	○	○	○	○	○
Last station memory	from stand-by, as TV	from stand-by, as TV	from stand-by, as TV	from stand-by, as TV	from stand-by, as TV
Favourite mode	4x free	4x free	4x free	4x free	4x free
Mute function	●	●	●	●	●
Swap function	●	●	●	●	●
POWER SUPPLY / CABINET					
Power voltage	230V, 50Hz; in accordance to IEC 65	230V, 50Hz; in accordance to IEC 65	230V, 50Hz; in accordance to IEC 65	230V, 50Hz; in accordance to IEC 65	230V, 50Hz; in accordance to IEC 65
Range of regulation	140V - 265V	140V - 265V	140V - 265V	140V - 265V	140V - 265V
Power switch	●	●	●	●	●
Integrated supply	●	●	●	●	●
Energy class	B	B	B	B	B
Power consumption	32W, standby 0,50W in accordance to IEC 62087-2002	32W, standby 0,50W in accordance to IEC 62087-2002	32W, standby 0,50W in accordance to IEC 62087-2002	32W, standby 0,50W in accordance to IEC 62087-2002	32W, standby 0,50W in accordance to IEC 62087-2002
Cabinet (WxHxD, cm)	52,3x35,6x6,9cm	52,3x35,6x6,9cm	52,5x35,1x5,5cm	52,5x35,1x5,5cm	52,5x35,1x5,5cm
Cabinet with stand (WxHxD, cm)	52,3x38,0x16,0cm	52,3x38,0x16,0cm	52,5x38,4x15,7cm	52,5x38,4x15,7cm	52,5x38,4x15,7cm
Weight	ca. 4,3kg	ca. 4,3kg	ca. 5,1kg	ca. 5kg	ca. 5kg
FRONT PANEL CONNECTIONS					
Cinch-AV socket	○	○	○	○	○
S-Video	○	○	○	○	○
REAR PANEL CONNECTIONS					
Euro-AV-Socket AV1	Full wired	Full wired	Full wired	Full wired	Full wired
S-Video	via Euro AV	via Euro AV	via Euro AV	via Euro AV	via Euro AV
Camera-AV	3x Cinch socket in	3x Cinch socket in	3x Cinch socket in	3x Cinch socket in	3x Cinch socket in
YUV input / progressive	Video-in: 3 x Cinch Audio-in: 2 x Cinch	Video-in: 3 x Cinch Audio-in: 2 x Cinch	Video-in: 3 x Cinch Audio-in: 2 x Cinch	Video-in: 3 x Cinch Audio-in: 2 x Cinch	Video-in: 3 x Cinch Audio-in: 2 x Cinch
PC-input	WXGA	WXGA	WXGA	WXGA	WXGA
PC-Audio in	●	●	●	●	●
HDMI	2x	2x	2x	2x	2x
HD ready including HDCP	via HDMI	via HDMI	via HDMI	via HDMI	via HDMI
Common Interface	1 slot	1 slot	1 slot	1 slot	1 slot
Headphones	3.5mm jack	3.5mm jack	3.5mm jack	3.5mm jack	3.5mm jack
Digital Audio out coaxial (SPDIF)	○	○	○	○	○
Digital Audio out optical (SPDIF)	○	○	○	○	○
USB	USB 2.0	USB 2.0	USB 2.0	USB 2.0	USB 2.0
Antenna for terrestrial reception	1 x Coaxial-socket for TV-tuner-in, according to DIN 45325	1 x Coaxial-socket for TV-tuner-in, according to DIN 45325	1 x Coaxial-socket for TV-tuner-in, according to DIN 45325	1 x Coaxial-socket for TV-tuner-in, according to DIN 45325	1 x Coaxial-socket for TV-tuner-in, according to DIN 45325
DC-connector	12V DC (11 - 14,5V, current consumption ca. 4A)				
Power supply plug	●	●	●	●	●
SUPPLIED ACCESSORIES					
Wi-Fi Dongle	○	○	○	○	○
Remote control (incl. battery)	RC 23 incl. 2x Battery AAA size	RC 23 incl. 2x Battery AAA size	RC 23 incl. 2x Battery AAA size	incl. 2x Battery AAA size & Comfort F	RC 23 incl. 2x Battery AAA size
Power cord	non grounded	non grounded	non grounded	non grounded	non grounded
Stand	●	●	●	●	●
Cleaning tissue	●	●	●	●	●



## Technische Daten / Technical Data /26"

	26 GLX 3102 C	26 VLC 3100 C	26 VLC 4102 T2	26 VLC 4112 C
Order No.	GBJ2026	GBJ1026	GBJ2426	GBJ3126
Destination	France	France	Nordic	D, A
Approbations	CE, I	CE	CE	CE, I
IM-Languages	FR: ES, FR, PT, D, GB, NL, EE	FR: ES, FR, PT, D, GB, NL, EE	SE, NO, CRO, FI, DK, D, EL	D, GB
IM-Languages 2				
Remote control	RC 23	TP 3 black (RC5)	TP 3 black (RC5)	RC 23
EAN	40 13833-62708 1	40 13833-62709 8	40 13833-62682 4	40 13833-62688 8
Color	glossy black	glossy black	glossy black	glossy black
DISPLAY				
Panel	26" / 66cm	26" / 66cm	26" / 66cm	26" / 66cm
Backlight	CCFL	CCFL	CCFL	CCFL
Wide-screen format	•	•	•	•
Response time	ca. 8ms	ca. 8ms	ca. 8ms	ca. 8ms
Dynamic contrast	Dynamic Contrast Plus	20.000:1	Dynamic Contrast Plus	Dynamic Contrast Plus
Frame Refresh (frames per second)	○	○	○	○
Viewing angle vertical/horizontal, ca. °	178/178	178/178	178/178	178/178
Physical display resolution max. pixel	WXGA 1366 x 768 (HD Ready)	WXGA 1366 x 768 (HD Ready)	WXGA 1366 x 768 (HD Ready)	WXGA 1366 x 768 (HD Ready)
PICTURE				
Motion Picture Improvement	○	○	○	○
Motion Adaptive Deinterlacing	3D DeInterlacer	3D DeInterlacer	3D DeInterlacer	3D DeInterlacer
Full HD	○	○	○	○
24p	○	○	○	○
HD-TV 1080p	○	○	○	○
Line Flicker Reduction	•	•	•	•
Digital Color Transition Improv. (DCTI)	•	•	•	•
Digital Combfilter	3D	3D	3D	3D
Digital Luminance Transition Improv. (DLTI)	•	•	•	•
Picture Noise Reduction	•	•	•	•
Preset picture modes	user, natural, rich, soft	user, vivid, natural, movie, sports	user, vivid, natural, movie, sports	user, natural, rich, soft
Aspect ratios (Format switching)		Auto (WSS), 4:3 / 16:9 / 14:9 / LetterBox / Subtitle / Panorama		
PAT: Split screen (PICTURE + TEXT)	•	•	•	•
PAP: Double Window (PICT. + PICT.)	○	○	○	○
P²AT: Double Window + TXT	○	○	○	○
POP: PICTURE on PICTURE	○	○	○	○
Picture freezing	•	•	•	•
Zoom with point function	○	•	•	•
Auto 16:9 selection via Scart	•	•	•	•
Sharpness control	•	•	•	•
Blue Background	○	•	•	○
CHASSIS				
TV-Chassis	TF	TF	TF	TF
Tuner	PLL frequency synthesizer tuning	PLL frequency synthesizer tuning	PLL frequency synthesizer tuning	PLL frequency synthesizer tuning
Scaler	Sapphire 13+	Sapphire 13+	Sapphire 13+	Sapphire 13+
Keyboard	1 Key, On/Off	7 keys: +/- Programm, Source / Menu, +/- Volume, stand-by		1 Key, On/Off
ELECTRONIC				
DLNA	○	○	○	○
Stand by indicator	blue LED	blue LED	blue LED	blue LED
EPG (Electronic Programme Guide)	7 days via DVB-T and DVB-C	7 days via DVB-T and DVB-C	7 days via DVB-T / T2 / C	7 days via DVB-T and DVB-C
Manual & autom. labeling of prog.	•	•	•	•
Programmable off timer	•	•	•	•
Programmable on timer	•	•	•	•
Intelligent channel search (Zapping funct.)	•	•	•	•
Programme Edit	•	•	•	•
Auto switch off	○	○	○	○
Programme memory TV/AV (opt.)	100 Analog / 1000 DVB-T / 1000 DVB-C / AV	100 Analog / 1000 DVB-T / 1000 DVB-C / AV	100 Analog / 1000 DVB-T / 1000 DVB-C / AV	100 Analog / 1000 DVB-T / 1000 DVB-C / AV
Teletext/Fasttext/Toptext	• / • / •	• / • / •	• / • / •	• / • / •
Teletext options	1000 pages	1000 pages	1000 pages	1000 pages
Childlock	•	•	•	•
Menu languages OSD		24 languages, D, GB, F, I, E, P, NL, DK, S, FIN, N, TR, GR, PL, CZ, SK, SLO, H, RUS, RO, BG, HR, LT, EE		
OSD-style	OEM-style	OEM-style with Grundig look	OEM-style with Grundig look	OEM-style
Service mode	•	•	•	•
Game mode	○	presets (user changeable) for sound and picture in HDMI-, Component- and PC-mode	presets (user changeable) for sound and picture in HDMI-, Component- and PC-mode	○
Hotel mode		Simple hotel mode possible via service adjustment		
Digi Link (HDMI CEC 1.3)	•	•	•	•
Special feature	○	○	○	○
TUNING				
Autom. Tuning System with country select.	full automatic sorting	full automatic sorting	full automatic sorting	full automatic sorting
Frequency Based Auto Search	•	•	•	•
Automatic Micro-search	•	•	•	•
Manual fine tuning	•	•	•	•
Direct channel selection	•	•	•	•
Direct frequency selection	○	○	○	○
PAL/SECAM/BG/DK/I/L/L	•	•	•	•
NTSC-Playback via Scart (3,58/4,43)	•	•	•	•
Cable TV / Hyperband (S1-S41)	•	•	•	•
AUDIO				
Mono/Stereo/Nicam	• / • / •	• / • / •	• / • / •	• / • / •
AV Stereo	•	•	•	•
Loudspeaker	2 wide band at the front side	2 wide band at the front side	2 wide band at the front side	2 wide band at the front side
SRS	○	TruSurround HD	TruSurround HD	○
Dolby digital	•	•	•	•
Virtual Dolby	○	○	○	○
Subwoofer	○	○	○	○
Dynamic Bass	○	○	○	○
Balance Adjustment	•	•	•	•
AVL (Audio Volume Level)	•	•	•	•
Equalizer	5 Band	5 Band	5 Band	5 Band
Space Sound Effect	•	•	•	•
Audio mode	cinema, music, sport, speech, user	cinema, music, sport, speech, user	cinema, music, sport, speech, user	cinema, music, sport, speech, user
Audio amplifier	2 x 5/10W nominal/music power (R/L)	2 x 7/14W nominal/music power (R/L)	2 x 7/14W nominal/music power (R/L)	2 x 7/14W nominal/music power (R/L)
USB part				
Recording	○	○	•	○
Divx + HD	○	•	•	○
Repeat	○	•	•	○
File browser	○	•	•	○
Video file resolution (max.)	○	○	○	○
Supported files	○	.m4a, .wma, .aac, .jpg, .jpe, .bmp, .png, .mov, .divx, .mpg, .mpe, .vob, .dat, .trp, .ts, .avi, .mp4, .mkv, .div		○
Supported subtitles	○	SRT, SSA, ASS, SMI, Video SUB	SRT, SSA, ASS, SMI, Video SUB	○

	26 GLX 3102 C	26 VLC 3100 C	26 VLC 4102 T2	26 VLC 4112 C
DVD				
DVD-R/+R/-RW/+RW	○	○	○	○
CD-R/+R/-RW/+RW	○	○	○	○
SVCD	○	○	○	○
Supported files	○	○	○	○
Supported subtitles	○	○	○	○
DVB reception				
Fully compliant to	○	EN 300 744 & revised NorDig II spec	(regarding DVB-T front end performance)	○
Automatic/manual channel search	● / ● - ATS type sorting & LCN type sorting	● / ● - ATS type sorting & LCN type sorting	● / ● - ATS type sorting & LCN type sorting	● / ● - ATS type sorting & LCN type sorting
EPG (SI based)	●	○	○	●
7 Day Electronic Programme Guide	●	●	●	●
- 8 Day Electronic Programme Guide	○	○	○	○
- now/next	●	●	●	●
- scheduled	If broadcasted	If broadcasted	If broadcasted	If broadcasted
- Extended Event Info	If broadcasted	If broadcasted	If broadcasted	If broadcasted
- Short Event Info	If broadcasted	If broadcasted	If broadcasted	If broadcasted
TV/Radio programmes	1000	1000	1000	1000
OSD languages	Same as analogue languages	Same as analogue languages	Same as analogue languages	Same as analogue languages
Parental control	●	○	○	●
Teletext VBI insertion	●	or decoding	or decoding	●
VPS - VBI insertion	○	PDC based	PDC based	○
Programme table	full automatic sorting	full automatic sorting	full automatic sorting	full automatic sorting
Factory station list	○	●	●	○
Embedded Conditional Access	○	○	○	○
Common Interface	●	●	●	●
CI +	●	●	●	●
DVB-T2 Front end				
Input frequency range	○	○	177 - 862 VHF & UHF	○
Input level / Impedance	○	○	-75 to -35dBm / 75 Ohm	○
Modulation	○	○	QPSK, 16QAM, 64QAM, 256QAM	○
FEC MODE	○	○	LDPC + BCH 1/2, 3/5, 2/3, 3/4, 4/5, 5/6	○
DVB-T Front end				
Tuner inputs (Hyperband)	1	1	1	1
Input frequency (MHz) / Loop through	177 - 862 VHF & UHF / ○	177 - 862 VHF & UHF / ○	177 - 862 VHF & UHF / ○	177 - 862 VHF & UHF / ○
Input level / Impedance	-80 to 20dBm / 75 Ohm	-76,0dBm to -20dBm (at 16 QAM 2/3) / 75 Ohm	-80 to 20dBm / 75 Ohm	-80 to 20dBm / 75 Ohm
Modulation	COFDM 2/8 QPSK 16/64 QAM	COFDM 2/8 QPSK 16/64 QAM	COFDM 2/8 QPSK 16/64 QAM	COFDM 2/8 QPSK 16/64 QAM
FEC	1/2, 2/3, 3/4, 5/6, 7/8	1/2, 2/3, 3/4, 5/6, 7/8	1/2, 2/3, 3/4, 5/6, 7/8	1/2, 2/3, 3/4, 5/6, 7/8
Activ antenna support	●	○	○	●
Hierarchical modulation	Hierarchical - non hierarchical	Hierarchical - non hierarchical	Hierarchical - non hierarchical	Hierarchical - non hierarchical
DVB-C Front end				
Input frequency (MHz)	47 - 862 VHF & UHF	47 - 862 VHF & UHF	47 - 862 VHF & UHF	47 - 862 VHF & UHF
Input level / Impedance	47 - 70dBuV / 75 Ohm	47 - 70dBuV / 75 Ohm	47 - 70dBuV / 75 Ohm	47 - 70dBuV / 75 Ohm
Demodulation / Symbol rate Ms/s		QAM 16/32/64/128/256 demodulation support (EN 300 429) 4.0...7.2 Msymbols/s		
Video Decoder				
MPEG profiles		MP@ML, MP@HL, MPEG4 AVC H.264 HP@L4.0		
Resolution	576i, 576p, 720p, 1080i	576i, 576p, 720p, 1080i	576i, 576p, 720p, 1080i	576i, 576p, 720p, 1080i
OSD colors	Fitting to TV-OSD	Fitting to TV-OSD	Fitting to TV-OSD	Fitting to TV-OSD
Picture formats		Auto (WSS), 4:3 / 14:9 / 16:9 / Panorama / Letterbox / Subtitle		
Audio Decoder				
Profiles	MPEG 4 , MPEG 2 layer I & II	MPEG 4 , MPEG 2 layer I & II	MPEG 4 , MPEG 2 layer I & II	MPEG 4 , MPEG 2 layer I & II
AC 3 Output	SP/DIF	SP/DIF	SP/DIF	SP/DIF
Modes	Mono, Dual Mono, Stereo, Joint Stereo	Mono, Dual Mono, Stereo, Joint Stereo	Mono, Dual Mono, Stereo, Joint Stereo	Mono, Dual Mono, Stereo, Joint Stereo
Software				
Service information processing	Dynamic PMT	Dynamic PMT	Dynamic PMT	Dynamic PMT
DVB subtitling	●	●	●	●
Over air download (OTA)	DVB enhanced profile	DVB enhanced profile	DVB enhanced profile	DVB enhanced profile
Navigator	via menu	via menu	via menu	○
API	○	○	○	○
Last station memory	from stand-by, as TV	from stand-by, as TV	from stand-by, as TV	from stand-by, as TV
Favourite mode	4x free	4x free	4x free	4x free
Mute function	●	●	●	●
Swap function	●	●	●	●
POWER SUPPLY / CABINET				
Power voltage	230V, 50Hz; in accordance to IEC 65	230V, 50Hz; in accordance to IEC 65	230V, 50Hz; in accordance to IEC 65	230V, 50Hz; in accordance to IEC 65
Range of regulation	140V - 265V	140V - 265V	140V - 265V	140V - 265V
Power switch	Tact switch, side colse to keyboard	Tact switch	Tact switch	Tact switch, side colse to keyboard
Integrated supply	●	●	●	●
Energy class	C	C	C	C
Power consumption	60W, standby 0.50W in accordance to IEC 62087-2002	60W, standby 0.50W in accordance to IEC 62087-2002	60W, standby 0.50W in accordance to IEC 62087-2002	60W, standby 0.50W in accordance to IEC 62087-2002
Cabinet (WxHxD, cm)	66,5x45,8x10,0cm	65,9x43,7x7,9cm	65,9x43,7x7,9cm	66,5x45,8x10,0cm
Cabinet with stand (WxHxD, cm)	66,5x49,0x17,8cm	65,9x48,4x20,6cm	65,9x48,4x20,6cm	66,5x49,0x17,8cm
Weight	ca. 8,4kg	ca. 8,4kg	ca. 8,4kg	ca. 8,4kg
FRONT PANEL CONNECTIONS				
Cinch-AV socket	○	○	○	○
S-Video	○	○	○	○
REAR PANEL CONNECTIONS				
Euro-AV-socket AV1	Full wired	Full wired	Full wired	Full wired
S-Video	○	(Hosiden)	(Hosiden)	○
Camera-AV	○	3x Cinch socket in	3x Cinch socket in	○
YUV input / progressive	○	Video-in: 3 x Cinch Audio-in: 2 x Cinch	Video-in: 3 x Cinch Audio-in: 2 x Cinch	○
PC-input	WXGA	WXGA	WXGA	WXGA
PC-Audio in	●	●	●	●
HDMI	1x	3x	3x	1x
HD ready including HDCP	via HDMI	via HDMI	via HDMI	via HDMI
Common Interface	1 slot	1 slot	1 slot	○
Headphones	○	3.5mm jack	3.5mm jack	○
Digital Audio out coaxial (SPDIF)	○	○	○	○
Digital Audio out optical (SPDIF)	○	○	○	○
USB	○	USB 2.0	USB 2.0	○
Antenna for terrestrial reception	1 x Coaxial-socket for TV-tuner-in, according to DIN 45325	1 x Coaxial-socket for TV-tuner-in, according to DIN 45325	1 x Coaxial-socket for TV-tuner-in, according to DIN 45325	1 x Coaxial-socket for TV-tuner-in, according to DIN 45325
DC-connector	○	○	○	○
Power supply plug	●	●	●	●
SUPPLIED ACCESSORIES				
Wi-Fi Dongle	○	○	○	○
Remote control (incl. battery)	RC 23 incl. 2x Battery AAA size	TP 3 black (RC5) incl. 3x Battery AAA size	TP 3 black (RC5) incl. 3x Battery AAA size	RC 23 incl. 2x Battery AAA size
Power cord	non grounded	non grounded	non grounded	non grounded
Stand	●	●	●	●
Cleaning tissue	○	○	○	○

## Technische Daten / Technical Data 32"

	32 GLX 3102 C	32 VLC 3100 C	32 VLC 4102 T2	32 VLC 4112 C
Order No.	GBJ0032	GBJ0332	GBJ4732	GBJ3232
Destination	France	France	Nordic Countries	D, A
Approbations	CE, J	CE	CE	CE
IM-Languages	FR: ES, FR, PT, D, GB, NL, EE	FR: ES, FR, PT, D, GB, NL, EE	NO, FI, DK, SE, D, HR, EL	D, GB
IM-Languages 2				
Remote control	RC 23	TP 3 black (RC5)	TP 3 black (RC5)	RC 23
EAN	40 13833-62714 2	40 13833-62715 9	40 13833-62683 2	40 13833-62667 1
Color	glossy black	glossy black	glossy black	Glossy Black
DISPLAY				
Panel	32" / 80cm	32" / 80cm	32" / 80cm	32" / 80cm
Backlight	CCFL	CCFL	CCFL	CCFL
Wide-screen format	•	•	•	•
Response time	ca. 8ms	ca. 8ms	ca. 8ms	ca. 8ms
Dynamic contrast	Dynamic Contrast Plus	Dynamic Contrast Plus	Dynamic Contrast Plus	Dynamic Contrast Plus
Frame Refresh (frames per second)	○	○	○	○
Viewing angle vertical/horizontal, ca. °	178/178	178/178	178/178	178/178
Physical display resolution max. pixel	WXGA 1366 x 768 (HD Ready)	WXGA 1366 x 768 (HD Ready)	WXGA 1366 x 768 (HD Ready)	WXGA 1366 x 768 (HD Ready)
PICTURE				
Motion Picture Improvement	○	○	○	○
Motion Adaptive Deinterlacing	3D DeInterlacer	3D DeInterlacer	3D DeInterlacer	3D DeInterlacer
Full HD	○	○	○	○
24p	○	○	○	○
HD-TV 1080p	○	○	○	○
Line Flicker Reduction	•	•	•	•
Digital Color Transition Improv. (DCTI)	•	•	•	•
Digital Combfilter	3D	3D	3D	3D
Digital Luminance Transition Improv. (DLTI)	•	•	•	•
Picture Noise Reduction	•	•	•	•
Preset picture modes	user, vivid, natural, movie, sports	user, vivid, natural, movie, sports	user, vivid, natural, movie, sports	user, vivid, natural, movie, sports
Aspect ratios (Format switching)		Auto (WSS), 4:3 / 16:9 / 14:9 / LetterBox / Subtitle / Panorama		
PAT: Split screen (PICTURE + TEXT)	•	•	•	•
PAP: Double Window (PICT. + PICT.)	○	○	○	○
P²AT: Double Window + TXT	○	○	○	○
POP: PICTURE on PICTURE	○	○	○	○
Picture freezing	•	•	•	•
Zoom with point function	○	•	•	○
Auto 16:9 selection via Scart	•	•	•	•
Sharpness control	•	•	•	•
Blue Background	○	•	•	○
CHASSIS				
TV-Chassis	TF	TF	TF	TF
Tuner	PLL frequency synthesizer tuning	PLL frequency synthesizer tuning	PLL frequency synthesizer tuning	PLL frequency synthesizer tuning
Scaler	Sapphire 13+	Sapphire 13+	Sapphire 13+	Sapphire 13+
Keyboard		7 keys: +/- Programm, Source / Menu, +/- Volume, stand-by		
ELECTRONIC				
DLNA	○	○	○	○
Stand by indicator	blue LED	blue LED	blue LED	blue LED
EPG (Electronic Programme Guide)	7 days via DVB-T and DVB-C	7 days via DVB-T and DVB-C	7 days via DVB-T / T2 / C	○
Manual & autom. labeling of prog.	•	•	•	•
Programmable off timer	•	•	•	•
Programmable on timer	•	•	•	•
Intelligent channel search (Zapping funct.)	•	•	•	•
Programme Edit	•	•	•	•
Auto switch off	○	○	○	○
Programme memory TV/AV (opt.)	100 Analog / 1000 DVB-T / 1000 DVB-C / AV	100 Analog / 1000 DVB-T / 1000 DVB-C / AV	100 Analog / 1000 DVB-T / 1000 DVB-C / AV	100 Analog / 1000 DVB-T / 1000 DVB-C / AV
Teletext/Fasttext/Toptext	• / • / •	• / • / •	• / • / •	• / • / •
Teletext options	1000 pages	1000 pages	1000 pages	1000 pages
Childlock	•	•	•	•
Menu languages OSD		24 languages, D, GB, F, I, E, P, NL, DK, S, FIN, N, TR, GR, PL, CZ, SK, SLO, H, RUS, RO, BG, HR, LT, EE		
OSD-style	OEM-style	OEM-style with Grundig look	OEM-style with Grundig look	OEM-style
Service mode	•	•	•	•
Game mode	○	presets (user changeable) for sound and picture in HDMI-, Component- and PC-mode	presets (user changeable) for sound and picture in HDMI-, Component- and PC-mode	○
Hotel mode		Simple hotel mode possible via service adjustment		
Digi Link (HDMI CEC 1.3)	•	•	•	○
Special feature	○	○	○	○
TUNING				
Autom. Tuning System with country select.	full automatic sorting	full automatic sorting	full automatic sorting	full automatic sorting
Frequency Based Auto Search	•	•	•	•
Automatic Micro-search	•	•	•	•
Manual fine tuning	•	•	•	•
Direct channel selection	•	•	•	•
Direct frequency selection	○	For cable tuning can be done by entering the frequency (MHz) in digital search menu	For cable tuning can be done by entering the frequency (MHz) in digital search menu	○
PAL/SECAM/BG/DK/L/L/L	•	•	•	•
NTSC-Playback via Scart (3,58/4,43)	•	•	•	•
Cable TV / Hyperband (S1-S41)	•	•	•	•
AUDIO				
Mono/Stereo/Nicam	• / • / •	• / • / •	• / • / •	• / • / •
AV Stereo	•	•	•	•
Loudspeaker	2 wide band at the front side	2 wide band at the front side	2 wide band at the front side	2 wide band at the front side
SRS	○	TruSurround HD	TruSurround HD	○
Dolby digital	•	•	•	•
Virtual Dolby	○	○	○	○
Subwoofer	○	○	○	○
Dynamic Bass	○	○	○	○
Balance Adjustment	•	•	•	•
AVL (Audio Volume Level)	•	•	•	•
Equalizer	5 Band	5 Band	5 Band	5 Band
Space Sound Effect	•	•	•	•
Audio mode	cinema, music, sport, speech, user	cinema, music, sport, speech, user	cinema, music, sport, speech, user	cinema, music, sport, speech, user
Audio amplifier	2 x 10/20W nominal/music power (R/L)	2 x 10/20W nominal/music power (R/L)	2 x 10/20W nominal/music power (R/L)	2 x 5/10W nominal/music power (R/L)
USB part				
Recording	○	○	•	○
Divx + HD	○	•	•	○
Repeat	○	•	•	○
File browser	○	•	•	○
Video file resolution (max.)	○	1920 x 1080	1920 x 1080	○
Supported files	○	.m4a, .wma, .aac, .jpg, .jpe, .bmp, .png, .mov, .divx, .mpg, .mpe, .vob, .dat, .trp, .ts, .avi, .mp4, .mkv, .div		○
Supported subtitles	○	SRT, SSA, ASS, SMI, Video SUB	SRT, SSA, ASS, SMI, Video SUB	○



	32 GLX 3102 C	32 VLC 3100 C	32 VLC 4102 T2	32 VLC 4112 C
DVD				
DVD-R/+R/-RW/+RW	○	○	○	○
CD-R/+R/-RW/+RW	○	○	○	○
SVCD	○	○	○	○
Supported files	○	○	○	○
Supported subtitles	○	○	○	○
DVB reception				
Fully compliant to	EN 300 744 & revised NorDig II spec (regarding DVB-T front end performance)			
Automatic/manual channel search	● / ● - ATS type sorting & LCN type sorting	● / ● - ATS type sorting & LCN type sorting	● / ● - ATS type sorting & LCN type sorting	● / ● - ATS type sorting & LCN type sorting
EPG (SI based)	●	●	●	●
7 Day Electronic Programme Guide	●	●	●	●
- 8 Day Electronic Programme Guide	○	○	○	○
- now/next	●	●	●	●
- scheduled	If broadcasted	If broadcasted	If broadcasted	If broadcasted
- Extended Event Info	If broadcasted	If broadcasted	If broadcasted	If broadcasted
- Short Event Info	If broadcasted	If broadcasted	If broadcasted	If broadcasted
TV/Radio programmes	1000	1000	1000	1000
OSD languages	Same as analogue languages	Same as analogue languages	Same as analogue languages	Same as analogue languages
Parental control	○	○	○	○
Teletext VBI insertion	or decoding	or decoding	or decoding	or decoding
VPS - VBI insertion	PDC based	PDC based	PDC based	PDC based
Programme table	full automatic sorting	full automatic sorting	full automatic sorting	full automatic sorting
Factory station list	●	●	●	●
Embedded Conditional Access	○	○	○	○
Common Interface	●	●	●	●
CI +	●	●	●	●
DVB-T2 Front end				
Input frequency range	○	○	177 - 862 VHF & UHF	○
Input level / Impedance	○	○	-75 to -35dBm / 75Ohm	○
Modulation	○	○	QPSK, 16QAM, 64QAM, 256QAM	○
FEC MODE	○	○	LDPC + BCH 1/2, 3/5, 2/3, 3/4, 4/5, 5/6	○
DVB-T Front end				
Tuner inputs (Hyperband)	1	1	1	1
Input frequency (MHz) / Loop through	177 - 862 VHF & UHF / ○	177 - 862 VHF & UHF / ○	177 - 862 VHF & UHF / ○	177 - 862 VHF & UHF / ○
Input level / Impedance		-76,0dBm to -20dBm (at 16 QAM 2/3) / 75 Ohm		
Modulation	COFDM 2/8 QPSK 16/64 QAM	COFDM 2/8 QPSK 16/64 QAM	COFDM 2/8 QPSK 16/64 QAM	COFDM 2/8 QPSK 16/64 QAM
FEC	1/2, 2/3, 3/4, 5/6, 7/8	1/2, 2/3, 3/4, 5/6, 7/8	1/2, 2/3, 3/4, 5/6, 7/8	1/2, 2/3, 3/4, 5/6, 7/8
Activ antenna support	●	○	○	○
Hierarchical modulation	Hierarchical - non hierarchical	Hierarchical - non hierarchical	Hierarchical - non hierarchical	Hierarchical - non hierarchical
DVB-C Front end				
Input frequency (MHz)	47 - 862 VHF & UHF	47 - 862 VHF & UHF	47 - 862 VHF & UHF	47 - 862 VHF & UHF
Input level / Impedance	47 - 70dBuV / 75 Ohm	47 - 70dBuV / 75 Ohm	47 - 70dBuV / 75 Ohm	47 - 70dBuV / 75 Ohm
Demodulation / Symbol rate Ms/s		QAM 16/32/64/128/256 demodulation support (EN 300 429) 4.0...7.2 Msymbols/s		
Video Decoder				
MPEG profiles		MP@ML, MP@HL, MPEG4 AVC H.264 HP@L4.0		
Resolution	576i, 576p, 720p, 1080i	576i, 576p, 720p, 1080i, 1080p	576i, 576p, 720p, 1080i, 1080p	576i, 576p, 720p, 1080i
OSD colors	Fitting to TV-OSD	Fitting to TV-OSD	Fitting to TV-OSD	Fitting to TV-OSD
Picture formats		Auto (WSS), 4:3 / 14:9 / 16:9 / Panorama / Letterbox / Subtitle		
Audio Decoder				
Profiles	MPEG 4 , MPEG 2 layer I & II	MPEG 4 , MPEG 2 layer I & II	MPEG 4 , MPEG 2 layer I & II	MPEG 4 , MPEG 2 layer I & II
AC 3 Output	SP/DIF	SP/DIF	SP/DIF	SP/DIF
Modes	Mono, Dual Mono, Stereo, Joint Stereo	Mono, Dual Mono, Stereo, Joint Stereo	Mono, Dual Mono, Stereo, Joint Stereo	Mono, Dual Mono, Stereo, Joint Stereo
Software				
Service information processing	Dynamic PMT	Dynamic PMT	Dynamic PMT	Dynamic PMT
DVB subtitling	●	●	●	●
Over air download (OTA)	DVB enhanced profile	DVB enhanced profile	DVB enhanced profile	DVB enhanced profile
Navigator	via menu	via menu	via menu	via menu
API	○	○	○	○
Last station memory	from stand-by, as TV	from stand-by, as TV	from stand-by, as TV	from stand-by, as TV
Favourite mode	4x free	4x free	4x free	4x free
Mute function	●	●	●	●
Swap function	●	●	●	●
POWER SUPPLY / CABINET				
Power voltage	230V, 50Hz; in accordance to IEC 65	230V, 50Hz; in accordance to IEC 65	230V, 50Hz; in accordance to IEC 65	230V, 50Hz; in accordance to IEC 65
Range of regulation	140V - 265V	140V - 265V	140V - 265V	140V - 265V
Power switch	Tact switch, side colse to keyboard	Tact switch	Tact switch	Tact switch, side colse to keyboard
Integrated supply	●	●	●	●
Energy class	C	C	C	C
Power consumption	83W, standby 0.50W in accordance to IEC 62087-2002	83W, standby 0.50W in accordance to IEC 62087-2002	83W, standby 0.50W in accordance to IEC 62087-2002	83W, standby 0.50W in accordance to IEC 62087-2002
Cabinet (WxHxD, cm)	78,9x51,8x8,1cm	79,5x54,5x8,1cm	79,5x54,5x8,1cm	78,9 x51.8 x8.1cm
Cabinet with stand (WxHxD, cm)	78,9x56,4x20,6cm	79,5x59,0x20,7cm	79,5x59,0x20,7cm	78.9x56.4x20.6cm
Weight	ca.11,0kg	ca.12,8kg	ca.12,8kg	ca. 11kg
FRONT PANEL CONNECTIONS				
Cinch-AV socket	○	○	○	○
S-Video	○	○	○	○
REAR PANEL CONNECTIONS				
Euro-AV-Socket AV1	Full wired	Full wired	Full wired	Full wired
S-Video	○	via Euro AV	via Euro AV	○
Camera-AV	○	3x Cinch socket in	3x Cinch socket in	○
YUV input / progressive	○	Video-in: 3 x Cinch Audio-in: 2 x Cinch	Video-in: 3 x Cinch Audio-in: 2 x Cinch	○
PC-input	WXGA	WXGA	WXGA	WXGA
PC-Audio in	●	●	●	●
HDMI	1x	3x	3x	1x
HD ready including HDCP	via HDMI	via HDMI	via HDMI	via HDMI
Common Interface	1 slot	1 slot	1 slot	1 slot
Headphones	○	3.5mm jack	3.5mm jack	○
Digital Audio out coaxial (SPDIF)	○	○	○	○
Digital Audio out optical (SPDIF)	○	○	○	○
USB	○	USB 2.0	USB 2.0	○
Antenna for terrestrial reception	1 x Coaxial-socket for TV-tuner-in, according to DIN 45325	1 x Coaxial-socket for TV-tuner-in, according to DIN 45325	1 x Coaxial-socket for TV-tuner-in, according to DIN 45325	1 x Coaxial-socket for TV-tuner-in, according to DIN 45325
DC-connector	○	○	○	○
Power supply plug	●	●	●	●
SUPPLIED ACCESSORIES				
Wi-Fi Dongle	○	○	○	○
Remote control (incl. battery)	RC 23 incl. 2x Battery AAA size	TP 3 black (RC5) incl. 3x Battery AAA size	TP 3 black (RC5) incl. 3x Battery AAA size	RC 23 incl. 2x Battery AAA size
Power cord	non grounded	grounded	grounded	non grounded
Stand	●	●	●	●
Cleaning tissue	○	●	●	○

## Technische Daten / Technical Data 32"

	32 VLC 6110 C	32 VLC 6121 C	32 VLC 6123 T2	32 VLC 7110 C
Order No.	GBJ4632	GBJ4432	GBJ4932	GBJ5532
Destination	D, A	D, A / Italy / France	Nordic	D, A
Approbations	CE	CE	CE	CE
IM-Languages	D,GB	D,GB	NO, FI, DK, SE, D, HR, EL	D,GB
IM-Languages 2		FR: ES, FR, PT, D, GB, NL, EE IT: EN, HR, CZ, IT, DE, FR, EL		
Remote control	TP 3 black (RC5)	TP 3 black (RC5)	TP 3 black (RC5)	TP 3 black (RC5)
EAN	40 13833-62659 6	40 13833-62651 0	40 13833-62697 8	40 13833-62666 4
Color	glossy black	glossy black/silver	glossy black	glossy black
DISPLAY				
Panel	32" / 80cm	32" / 80cm	32" / 80cm	32" / 80cm
Backlight	CCFL	CCFL	CCFL	CCFL
Wide-screen format	•	•	•	•
Response time	ca. 8ms	ca. 8ms	ca. 8ms	ca. 6,5ms
Dynamic contrast	Dynamic Contrast Plus	Dynamic Contrast Plus	Dynamic Contrast Plus	Dynamic Contrast Plus
Frame Refresh (frames per second)	○	○	○	400 fps (100Hz)
Viewing angle vertical/horizontal, ca. °	178/178	178/178	178/178	178/178
Physical display resolution max. pixel	WUXGA 1920 x 1080 (full HD)	WUXGA 1920 x 1080 (full HD)	WUXGA 1920 x 1080 (full HD)	WUXGA 1920 x 1080 (full HD 100Hz)
PICTURE				
Motion Picture Improvement	○	○	○	at frame rate 100Hz (Motion Blur Reduction)
Motion Adaptive Deinterlacing	3D DeInterlacer	3D DeInterlacer	3D DeInterlacer	3D DeInterlacer
Full HD	•	•	•	•
24p	○	○	○	•
HD-TV 1080p	•	•	•	•
Line Flicker Reduction	•	•	•	•
Digital Color Transition Improv. (DCTI)	•	•	•	•
Digital Combfilter	3D	3D	3D	3D
Digital Luminance Transition Improv. (DLTI)	•	•	•	•
Picture Noise Reduction	•	•	•	•
Preset picture modes	user, vivid, natural, movie, sports	user, vivid, natural, movie, sports	user, vivid, natural, movie, sports	user, vivid, natural, movie, sports
Aspect ratios (Format switching)		Auto (WSS), 4:3 / 16:9 / 14:9 / LetterBox / Subtitle / Panorama		
PAT: Split screen (PICTURE + TEXT)	•	•	•	•
PAP: Double Window (PICT. + PICT.)	○	○	○	○
P²AT: Double Window + TXT	○	○	○	○
POP: PICTURE on PICTURE	○	○	○	○
Picture freezing	•	•	•	•
Zoom with point function	•	•	•	•
Auto 16:9 selection via Scart	•	•	•	•
Sharpness control	•	•	•	•
Blue Background	•	•	•	•
CHASSIS				
TV-Chassis	TF	TF	TF	TF
Tuner	PLL frequency synthesizer tuning	PLL frequency synthesizer tuning	PLL frequency synthesizer tuning	PLL frequency synthesizer tuning
Scaler	Sapphire 13+	Sapphire 13+	Sapphire 13+	Sapphire 13+
Keyboard		7 keys: +/- Programm, Source, +/- Volume, stand-by		
ELECTRONIC				
DLNA	○	○	○	○
Stand by indicator	blue LED	blue LED	blue LED	blue LED
EPG (Electronic Programme Guide)	7 days via DVB-T and DVB-C	7 days via DVB-T and DVB-C	7 days via DVB-T / T2 / C	7 days via DVB-T and DVB-C
Manual & autom. labeling of prog.	•	•	•	•
Programmable off timer	•	•	•	•
Programmable on timer	•	•	•	•
Intelligent channel search (Zapping funct.)	•	•	•	•
Programme Edit	•	•	•	•
Auto switch off	○	○	○	○
Programme memory TV/AV (opt.)	100 Analog / 1000 DVB-T / 1000 DVB-C / AV	100 Analog / 1000 DVB-T / 1000 DVB-C / AV	100 Analog / 1000 DVB-T / 1000 DVB-C / AV	100 Analog / 1000 DVB-T / 1000 DVB-C / AV
Teletext/Fasttext/Toptext	• / • / •	• / • / •	• / • / •	• / • / •
Teletext options	1000 pages	1000 pages	1000 pages	1000 pages
Childlock	•	•	•	•
Menu languages OSD		24 languages, D, GB, F, I, E, P, NL, DK, S, FIN, N, TR, GR, PL, CZ, SK, SLO, H, RUS, RO, BG, HR, LT, EE		
OSD-style	OEM-style with Grundig look	OEM-style with Grundig look	OEM-style with Grundig look	OEM-style with Grundig look
Service mode	•	•	•	•
Game mode	presets (user changeable) for sound and picture in HDMI-, Component- and PC-mode	presets (user changeable) for sound and picture in HDMI-, Component- and PC-mode	presets (user changeable) for sound and picture in HDMI-, Component- and PC-mode	presets (user changeable) for sound and picture in HDMI-, Component- and PC-mode
Hotel mode		Simple hotel mode possible via service adjustment		
Digi Link (HDMI CEC 1.3)	•	•	•	•
Special feature	○	○	○	○
TUNING				
Autom. Tuning System with country select.	full automatic sorting	full automatic sorting	full automatic sorting	full automatic sorting
Frequency Based Auto Search	•	•	•	•
Automatic Micro-search	•	•	•	•
Manual fine tuning	•	•	•	•
Direct channel selection	•	•	•	•
Direct frequency selection	For cable tuning can be done by entering the frequency (MHz) in digital search menu	For cable tuning can be done by entering the frequency (MHz) in digital search menu	For cable tuning can be done by entering the frequency (MHz) in digital search menu	For cable tuning can be done by entering the frequency (MHz) in digital search menu
PAL/SECAM/BG/DK/IL/L/L	•	•	•	•
NTSC-Playback via Scart (3,58/4,43)	•	•	•	•
Cable TV / Hyperband (S1-S41)	•	•	•	•
AUDIO				
Mono/Stereo/Nicam	• / • / •	• / • / •	• / • / •	• / • / •
AV Stereo	•	•	•	•
Loudspeaker	2 wide band at the front side	2 wide band at the front side	2 wide band at the front side	2 wide band at the front side
SRS	TruSurround HD	TruSurround HD	TruSurround HD	TruSurround HD
Dolby digital	•	•	•	•
Virtual Dolby	○	○	○	○
Subwoofer	○	○	○	○
Dynamic Bass	○	○	○	○
Balance Adjustment	•	•	•	•
AVL (Audio Volume Level)	•	•	•	•
Equalizer	5 Band	5 Band	5 Band	5 Band
Space Sound Effect	•	•	•	•
Audio mode	cinema, music, sport, speech, user	cinema, music, sport, speech, user	cinema, music, sport, speech, user	cinema, music, sport, speech, user
Audio amplifier	2 x 10/20W nominal/music power (R/L)	2 x 10/20W nominal/music power (R/L)	2 x 10/20W nominal/music power (R/L)	2 x 10/20W nominal/music power (R/L)
USB part				
Recording	○	•	•	○
Divx + HD	•	•	•	•
Repeat	•	•	•	•
File browser	•	•	•	•
Video file resolution (max.)	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Supported files		.m4a, .wma, .aac, .jpg, .jpe, .bmp, .png, .mov, .divx, .mpg, .mpe, .vob, .dat, .trp, .ts, .avi, .mp4, .mkv, .div		
Supported subtitles	SRT, SSA, ASS, SMI, Video SUB	SRT, SSA, ASS, SMI, Video SUB	SRT, SSA, ASS, SMI, Video SUB	SRT, SSA, ASS, SMI, Video SUB

	32 VLC 6110 C	32 VLC 6121 C	32 VLC 6123 T2	32 VLC 7110 C
DVD				
DVD-R/+R/-RW/+RW	○	○	○	○
CD-R/+R/-RW/+RW	○	○	○	○
SVCD	○	○	○	○
Supported files	○	○	○	○
Supported subtitles	○	○	○	○
DVB reception				
Fully compliant to	EN 300 744 & revised NorDig II spec (regarding DVB-T front end performance)			
Automatic/manual channel search	● / ● - ATS type sorting & LCN type sorting	● / ● - ATS type sorting & LCN type sorting	● / ● - ATS type sorting & LCN type sorting	● / ● - ATS type sorting & LCN type sorting
EPG (SI based)	●	●	●	●
7 Day Electronic Programme Guide	●	●	●	○
- 8 Day Electronic Programme Guide	○	○	○	●
- now/next	●	●	●	●
- scheduled	If broadcasted	If broadcasted	If broadcasted	If broadcasted
- Extended Event Info	If broadcasted	If broadcasted	If broadcasted	If broadcasted
- Short Event Info	If broadcasted	If broadcasted	If broadcasted	If broadcasted
TV/Radio programmes	1000	1000	1000	1000
OSD languages	Same as analogue languages	Same as analogue languages	Same as analogue languages	Same as analogue languages
Parental control	○	○	○	○
Teletext VBI insertion	or decoding	or decoding	or decoding	or decoding
VPS - VBI insertion	PDC based	PDC based	PDC based	PDC based
Programme table	full automatic sorting	full automatic sorting	full automatic sorting	full automatic sorting
Factory station list	●	●	●	○
Embedded Conditional Access	○	○	○	○
Common Interface	●	●	●	●
CI +	●	●	●	●
DVB-T2 Front end				
Input frequency range	○	○	177 - 862 VHF & UHF	○
Input level / Impedance	○	○	-75 to -35dBm / 75 Ohm	○
Modulation	○	○	QPSK, 16QAM, 64QAM, 256QAM	○
FEC MODE	○	○	LDPC + BCH 1/2, 3/5, 2/3, 3/4, 4/5, 5/6	○
DVB-T Front end				
Tuner inputs (Hyperband)	1	1	1	1
Input frequency (MHz) / Loop through	177 - 862 VHF & UHF / ○	177 - 862 VHF & UHF / ○	177 - 862 VHF & UHF / ○	177 - 862 VHF & UHF / ○
Input level / Impedance		-76,0dBm to -20dBm (at 16 QAM 2/3) / 75 Ohm		
Modulation	COFDM 2/8 QPSK 16/64 QAM	COFDM 2/8 QPSK 16/64 QAM	COFDM 2/8 QPSK 16/64 QAM	COFDM 2/8 QPSK 16/64 QAM
FEC	1/2, 2/3, 3/4, 5/6, 7/8	1/2, 2/3, 3/4, 5/6, 7/8	1/2, 2/3, 3/4, 5/6, 7/8	1/2, 2/3, 3/4, 5/6, 7/8
Activ antenna support	○	○	○	○
Hierarchical modulation	Hierarchical - non hierarchical	Hierarchical - non hierarchical	Hierarchical - non hierarchical	Hierarchical - non hierarchical
DVB-C Front end				
Input frequency (MHz)	47 - 862 VHF & UHF	47 - 862 VHF & UHF	47 - 862 VHF & UHF	47 - 862 VHF & UHF
Input level / Impedance	47 - 70dBuV / 75 Ohm	47 - 70dBuV / 75 Ohm	47 - 70dBuV / 75 Ohm	47 - 70dBuV / 75 Ohm
Demodulation / Symbol rate Ms/s	QAM 16/32/64/128/256 demodulation support (EN 300 429) 4.0...7.2 Msymbols/s			
Video Decoder				
MPEG profiles	MP@ML, MP@HL, MPEG4 AVC H.264 HP@L4.0			
Resolution	576i, 576p, 720p, 1080i, 1080p	576i, 576p, 720p, 1080i, 1080p	576i, 576p, 720p, 1080i, 1080p	576i, 576p, 720p, 1080i, 1080p
OSD colors	Fitting to TV-OSD	Fitting to TV-OSD	Fitting to TV-OSD	Fitting to TV-OSD
Picture formats	Auto (WSS), 4:3 / 14:9 / 16:9 / Panorama / Letterbox / Subtitle			
Audio Decoder				
Profiles	MPEG 4, MPEG 2 layer I & II	MPEG 4, MPEG 2 layer I & II	MPEG 4, MPEG 2 layer I & II	MPEG4, MPEG 1 layer I & II
AC 3 Output	SP/DIF	SP/DIF	SP/DIF	SP/DIF
Modes	Mono, Dual Mono, Stereo, Joint Stereo	Mono, Dual Mono, Stereo, Joint Stereo	Mono, Dual Mono, Stereo, Joint Stereo	Mono, Dual Mono, Stereo, Joint Stereo
Software				
Service information processing	Dynamic PMT	Dynamic PMT	Dynamic PMT	Dynamic PMT
DVB subtitling	●	●	●	●
Over air download (OTA)	DVB enhanced profile	DVB enhanced profile	DVB enhanced profile	DVB enhanced profile
Navigator	via menu	via menu	via menu	○
API	○	○	○	○
Last station memory	from stand-by, as TV	from stand-by, as TV	from stand-by, as TV	from stand-by, as TV
Favourite mode	4x free	4x free	4x free	4x free
Mute function	●	●	●	●
Swap function	●	●	●	●
POWER SUPPLY / CABINET				
Power voltage	230V, 50Hz; in accordance to IEC 65	230V, 50Hz; in accordance to IEC 65	230V, 50Hz; in accordance to IEC 65	230V, 50Hz; in accordance to IEC 65
Range of regulation	140V - 265V	140V - 265V	140V - 265V	140V - 265V
Power switch	Tact switch	Tact switch	Tact switch	●
Integrated supply	●	●	●	●
Energy class	C	C	C	C
Power consumption	83W, standby 0.50W in accordance to IEC 62087-2002	83W, standby 0.50W in accordance to IEC 62087-2002	83W, standby 0.50W in accordance to IEC 62087-2002	83W, standby 0.50W in accordance to IEC 62087-2002
Cabinet (WxHxD, cm)	79,5x54,5x8,1cm	79,5x54,5x8,1cm	79,5x54,5x8,1cm	79,5x54,5x8,1cm
Cabinet with stand (WxHxD, cm)	79,5x59,0x20,7cm	79,5x59,0x20,7cm	79,5x59,0x20,7cm	79,5x59,0x20,7cm
Weight	ca.12,8kg	ca.12,8kg	ca.12,8kg	ca.12,8kg
FRONT PANEL CONNECTIONS				
Cinch-AV socket	○	○	○	○
S-Video	○	○	○	○
REAR PANEL CONNECTIONS				
Euro-AV-Socket AV1	Full wired	Full wired	Full wired	Full wired
S-Video	via Euro AV	via Euro AV	via Euro AV	via Euro AV
Camera-AV	3x Cinch socket in	3x Cinch socket in	3x Cinch socket in	3x Cinch socket in
YUV input / progressive	Video-in: 3 x Cinch Audio-in: 2 x Cinch	Video-in: 3 x Cinch Audio-in: 2 x Cinch	Video-in: 3 x Cinch Audio-in: 2 x Cinch	Video-in: 3 x Cinch Audio-in: 2 x Cinch
PC-input	WXGA	WXGA	WXGA	WUXGA
PC-Audio in	●	●	●	●
HDMI	3x	3x	3x	3x
HD ready including HDCP	via HDMI	via HDMI	via HDMI	via HDMI
Common Interface	1 slot	1 slot	1 slot	1 slot
Headphones	3.5mm jack	3.5mm jack	3.5mm jack	3.5mm jack
Digital Audio out coaxial (SPDIF)	○	○	○	○
Digital Audio out optical (SPDIF)	●	●	●	●
USB	USB 2.0	USB 2.0	USB 2.0	USB 2.0
Antenna for terrestrial reception	1 x Coaxial-socket for TV-tuner-in, according to DIN 45325	1 x Coaxial-socket for TV-tuner-in, according to DIN 45325	1 x Coaxial-socket for TV-tuner-in, according to DIN 45325	1 x Coaxial-socket for TV-tuner-in, according to DIN 45325
DC-connector	○	○	○	○
Power supply plug	●	●	●	●
SUPPLIED ACCESSORIES				
Wi-Fi Dongle	○	○	○	○
Remote control (incl. battery)	TP 3 black (RC5) incl. 3x Battery AAA size	TP 3 black (RC5) incl. 3x Battery AAA size	TP 3 black (RC5) incl. 3x Battery AAA size	TP3 (RC5) incl. 3x Battery AAA size
Power cord	grounded	grounded	grounded	non grounded
Stand	●	●	●	●
Cleaning tissue	●	●	●	●

## Technische Daten / Technical Data 32"

	32 VLE 4140 C	32 VLE 7130 BM	32 VLE 7131 BF
Order No.	GBJ2932	GBJ7632	GBJ7532
Destination	D, A	Nordic	France - Italy
Approbations	CE	CE	CE
IM-Languages	D,GB	NOR, FI, DK, S, HR, EL, DE	FR: ES, FR, PT, D, GB, NL, EE IT: EN, HR, CZ, IT, DE, FR, EL
IM-Languages 2			
Remote control	TP 3 black (RC5)	TP3 & Comfort Remote (Black)	TP 3 black (RC5)
EAN	40 13833-62650 3	40 13833-62776 0	40 13833-62718 0
Color	Glossy black	Glossy Black	Glossy Black
DISPLAY			
Panel	32" / 80cm	32" / 80cm	32" / 80cm
Backlight	EDGE LED	EDGE LED	EDGE LED
Wide-screen format	•	•	•
Response time	ca. 8ms	ca. 6,5ms	ca. 6,5ms
Dynamic contrast	Dynamic Contrast Plus	Dynamic Contrast Plus	Dynamic Contrast Plus
Frame Refresh (frames per second)	○	○	○
Viewing angle vertical/horizontal, ca. °	178/178	178/178	178/178
Physical display resolution max. pixel	WXGA 1366 x 768 (HD Ready)	WUXGA 1920 x 1080 (full HD)	WUXGA 1920 x 1080 (full HD)
PICTURE			
Motion Picture Improvement	○	•	•
Motion Adaptive Deinterlacing	3D Deinterlacer	3D Deinterlacer	3D Deinterlacer
Full HD	○	•	•
24p	○	○	○
HD-TV 1080p	○	○	○
Line Flicker Reduction	•	•	•
Digital Color Transition Improv. (DCTI)	•	•	•
Digital Combfilter	3D	3D	3D
Digital Luminance Transition Improv. (DLTI)	•	•	•
Picture Noise Reduction	•	•	•
Preset picture modes	user, vivid, natural, movie, sports	user, vivid, natural, movie, sports	user, vivid, natural, movie, sports
Aspect ratios (Format switching)	Auto (WSS), 4:3 / 16:9 / 14:9 / LetterBox / Subtitle / Panorama	Auto (WSS), 4:3 / 16:9 / 14:9 / LetterBox / Subtitle / Panorama	Auto (WSS), 4:3 / 16:9 / 14:9 / LetterBox / Subtitle / Panorama
PAT: Split screen (PICTURE + TEXT)	•	•	•
PAP: Double Window (PICT. + PICT.)	○	○	○
P²AT: Double Window + TXT	○	○	○
POP: PICTURE on PICTURE	○	○	○
Picture freezing	•	•	•
Zoom with point function	•	•	•
Auto 16:9 selection via Scart	•	•	•
Sharpness control	•	•	•
Blue Background	•	•	•
CHASSIS			
TV-Chassis	TF	TF	TF
Tuner	PLL frequency synthesizer tuning	PLL frequency synthesizer tuning	PLL frequency synthesizer tuning
Scaler	Sapphire 13+	Sapphire 13+	Sapphire 13+
Keyboard	7 keys: +/- Programm, Source / Menu, +/- Volume, stand-by	7 keys: +/- Programm, Source / Menu, +/- Volume, stand-by	7 keys: +/- Programm, Source / Menu, +/- Volume, stand-by
ELECTRONIC			
DLNA	○	○	○
Stand by indicator	blue LED	blue LED	blue LED
EPG (Electronic Programme Guide)	7 days via DVB-T and DVB-C	7 days via DVB-T / T2 / C	7 days via DVB-T and DVB-C
Manual & autom. labeling of prog.	•	•	•
Programmable off timer	•	•	•
Programmable on timer	•	•	•
Intelligent channel search (Zapping funct.)	•	•	•
Programme Edit	•	•	•
Auto switch off	○	○	○
Programme memory TV/AV (opt.)	100 Analog / 1000 DVB-T / 1000 DVB-C / AV	100 Analog / 1000 T / 1000 T2 / 1000 C	100 Analog / 1000 DVB-T / 1000 DVB-C / AV
Teletext/Fasttext/Toptext	• / • / •	• / • / •	• / • / •
Teletext options	1000 pages	1000 pages	1000 pages
Childlock	•	•	•
Menu languages OSD	24 languages, D, GB, F, I, E, P, NL, DK, S, FIN, N, TR, GR, PL, CZ, SK, SLO, H, RU, RO, BG, HR, LT, EE		
OSD-style	OEM-style with Grundig look	OEM-style with Grundig look	OEM-style with Grundig look
Service mode	•	•	•
Game mode	presets (user changeable) for sound and picture in HDMI-, Component- and PC-mode	presets (user changeable) for sound and picture in HDMI-, Component- and PC-mode	presets (user changeable) for sound and picture in HDMI-, Component- and PC-mode
Hotel mode	Simple hotel mode possible via service adjustment	Simple hotel mode possible via service adjustment	Simple hotel mode possible via service adjustment
Digi Link (HDMI CEC 1.3)	•	•	•
Special feature	○	○	○
TUNING			
Autom. Tuning System with country select.	full automatic sorting	full automatic sorting	full automatic sorting
Frequency Based Auto Search	•	•	•
Automatic Micro-search	•	•	•
Manual fine tuning	•	•	•
Direct channel selection	•	•	•
Direct frequency selection	For cable tuning can be done by entering the frequency (MHz) in digital search menu	For cable tuning can be done by entering the frequency (MHz) in digital search menu	For cable tuning can be done by entering the frequency (MHz) in digital search menu
PAL/SECAM/BG/DK/I/L/L	•	•	•
NTSC-Playback via Scart (3,58/4,43)	•	•	•
Cable TV / Hyperband (S1-S41)	•	•	•
AUDIO			
Mono/Stereo/Nicam	• / • / •	• / • / •	• / • / •
AV Stereo	•	•	•
Loudspeaker	2 wide band at the front side	2 wide band at the front side	2 wide band at the front side
SRS	TruSurround HD	TruSurround HD	TruSurround HD
Dolby digital	•	•	•
Virtual Dolby	○	○	○
Subwoofer	○	○	○
Dynamic Bass	○	○	○
Balance Adjustment	•	•	•
AVL (Audio Volume Level)	•	•	•
Equalizer	5 Band	5 Band	5 Band
Space Sound Effect	•	•	•
Audio mode	cinema, music, sport, speech, user	cinema, music, sport, speech, user	cinema, music, sport, speech, user
Audio amplifier	2 x 10/20W nominal/music power (R/L)	2 x 10/20W nominal/music power (R/L)	2 x 10/20W nominal/music power (R/L)
USB part			
Recording	○	•	•
Divx + HD	○	•	•
Repeat	•	•	•
File browser	•	•	•
Video file resolution (max.)	1920 x 1080	1920 x 1080	1920 x 1080
Supported files	.m4a, .wma, .aac, .jpg, .jpe, .bmp, .png, .mov, .divx, .mpg, .mpe, .vob, .dat, .trp, .ts, .avi, .mp4, .mkv, .div		
Supported subtitles	SRT, SSA, ASS, SMI, Video SUB	SRT, SSA, ASS, SMI, Video SUB	SRT, SSA, ASS, SMI, Video SUB

	32 VLE 4140 C	32 VLE 7130 BM	32 VLE 7131 BF
DVD			
DVD-R/+R/-RW/+RW	○	○	○
CD-R/+R/-RW/+RW	○	○	○
SVCD	○	○	○
Supported files	○	○	○
Supported subtitles	○	○	○
DVB reception	EN 300 744 & revised NorDig II spec (regarding DVB-T front end performance)		
Fully compliant to	● / ● - ATS type sorting & LCN type sorting	● / ● - ATS type sorting & LCN type sorting	● / ● - ATS type sorting & LCN type sorting
Automatic/manual channel search	●	●	●
EPG (SI based)	●	●	●
7 Day Electronic Programme Guide	●	●	●
- 8 Day Electronic Programme Guide	○	○	○
- now/next	●	●	●
- scheduled	If broadcasted	If broadcasted	If broadcasted
- Extended Event Info	If broadcasted	If broadcasted	If broadcasted
- Short Event Info	If broadcasted	If broadcasted	If broadcasted
TV/Radio programmes	1000	1000	1000
OSD languages	20 Languages: D, GB, F, E, NL, TR, DK, FIN, N, S, SI, PL, H, RU, S, RO, HR, CZ, SK, BG, SER	Same as analogue languages	Same as analogue languages
Parental control	○	○	○
Teletext VBI insertion	or decoding	or decoding	or decoding
VPS - VBI insertion	PDC based	PDC based	PDC based
Programme table	full automatic sorting	full automatic sorting	full automatic sorting
Factory station list	●	●	●
Embedded Conditional Access	○	○	○
Common Interface	●	●	●
CI +	●	●	●
DVB-T2 Front end			
Input frequency range	○	177 - 862 VHF & UHF	○
Input level / Impedance	○	-75 to -35dBm / 75 Ohm	○
Modulation	○	QPSK, 16QAM, 64QAM, 256QAM	○
FEC MODE	○	LDPC + BCH 1/2, 3/5, 2/3, 3/4, 4/5, 5/6	○
DVB-T Front end			
Tuner inputs (Hyperband)	1	1	1
Input frequency (MHz) / Loop through	177 - 862 VHF & UHF / ○	177 - 862 VHF & UHF / ○	177 - 862 VHF & UHF / ○
Input level / Impedance	-76,0dBm to -20dBm (at 16 QAM 2/3) / 75 Ohm	-80 to 20dBm / 75 Ohm	-80 to 20dBm / 75 Ohm
Modulation	COFDM 2/8 QPSK 16/64 QAM	COFDM 2/8 QPSK 16/64 QAM	COFDM 2/8 QPSK 16/64 QAM
FEC	1/2, 2/3, 3/4, 5/6, 7/8	1/2, 2/3, 3/4, 5/6, 7/8	1/2, 2/3, 3/4, 5/6, 7/8
Activ antenna support	○	○	○
Hierarchical modulation	Hierarchical - non hierarchical	Hierarchical - non hierarchical	Hierarchical - non hierarchical
DVB-C Front end			
Input frequency (MHz)	47 - 862 VHF & UHF	47 - 862 VHF & UHF	47 - 862 VHF & UHF
Input level / Impedance	47 - 70dbμV / 75 Ohm	47 - 70dbμV / 75 Ohm	47 - 70dbμV / 75 Ohm
Demodulation / Symbol rate Ms/s	QAM 16/32/64/128/256 demodulation support (EN 300 429) 4.0...7.2 Msymbols/s		
Video Decoder			
MPEG profiles	MP@ML, MP@HL, MPEG4 AVC H.264 HP@L4.0	MP@ML, MP@HL, MPEG4 AVC H.264 HP@L4.0	MP@ML, MP@HL, MPEG4 AVC H.264 HP@L4.0
Resolution	576i, 576p, 720p, 1080i, 1080p	576i, 576p, 720p, 1080i, 1080p	576i, 576p, 720p, 1080i, 1080p
OSD colors	Fitting to TV-OSD	Fitting to TV-OSD	Fitting to TV-OSD
Picture formats	Auto (WSS), 4:3 / 14:9 / 16:9 / Panorama / Letterbox / Subtitle	Auto (WSS), 4:3 / 14:9 / 16:9 / Panorama / Letterbox / Subtitle	Auto (WSS), 4:3 / 14:9 / 16:9 / Panorama / Letterbox / Subtitle
Audio Decoder			
Profiles	MPEG 4, MPEG 2 layer I & II	MPEG 4, MPEG 2 layer I & II	MPEG 4, MPEG 2 layer I & II
AC 3 Output	SP/DIF	SP/DIF	SP/DIF
Modes	Mono, Dual Mono, Stereo, Joint Stereo	Mono, Dual Mono, Stereo, Joint Stereo	Mono, Dual Mono, Stereo, Joint Stereo
Software			
Service information processing	Dynamic PMT	Dynamic PMT	Dynamic PMT
DVB subtitling	●	●	●
Over air download (OTA)	DVB enhanced profile	DVB enhanced profile	DVB enhanced profile
Navigator	via menu	via menu	via menu
API	○	○	○
Last station memory	from stand-by, as TV	from stand-by, as TV	from stand-by, as TV
Favourite mode	4x free	4x free	4x free
Mute function	●	●	●
Swap function	●	●	●
POWER SUPPLY / CABINET			
Power voltage	230V, 50Hz; in accordance to IEC 65	230V, 50Hz; in accordance to IEC 65	230V, 50Hz; in accordance to IEC 65
Range of regulation	140V - 265V	140V - 265V	140V - 265V
Power switch	Tact switch	Tact switch	Tact switch
Integrated supply	●	●	●
Energy class	A	B	B
Power consumption	41W, standby 0.50W in accordance to IEC 62087-2002	58W, standby 0.50W in accordance to IEC 62087-2002	58W, standby 0.50W in accordance to IEC 62087-2002
Cabinet (WxHxD, cm)	76,3x48,7x4,3cm	76,3x48,7x4,3cm	76,3x48,7x4,3cm
Cabinet with stand (WxHxD, cm)	76,3x53,5x21,0cm	76,3x53,5x21,0cm	76,3x53,5x21,0cm
Weight	ca. 15kg	ca. 15kg	ca. 15kg
FRONT PANEL CONNECTIONS			
Cinch-AV socket	○	○	○
S-Video	○	○	○
REAR PANEL CONNECTIONS			
Euro-AV-Socket AV1	Full wired	Full wired	Full wired
S-Video	via Euro AV	via Euro AV	via Euro AV
Camera-AV	3x Cinch socket in	3x Cinch socket in	3x Cinch socket in
YUV input / progressive	Video-in: 3 x Cinch Audio-in: 2 x Cinch	Video-in: 3 x Cinch Audio-in: 2 x Cinch	Video-in: 3 x Cinch Audio-in: 2 x Cinch
PC-input	WXGA	WXGA	WXGA
PC-Audio in	●	●	●
HDMI	3x	4x	4x
HD ready including HDCP	via HDMI	via HDMI	via HDMI
Common Interface	1 slot	1 slot	1 slot
Headphones	3.5mm jack	3.5mm jack	3.5mm jack
Digital Audio out coaxial (SPDIF)	○	○	○
Digital Audio out optical (SPDIF)	●	●	●
USB	USB 2.0	2 x USB 2.0	2 x USB 2.0
Antenna for terrestrial reception	1 x Coaxial-socket for TV-tuner-in, according to DIN 45325	1 x Coaxial-socket for TV-tuner-in, according to DIN 45325	1 x Coaxial-socket for TV-tuner-in, according to DIN 45325
DC-connector	○	○	○
Power supply plug	●	●	●
SUPPLIED ACCESSORIES			
Wi-Fi Dongle	○	○	○
Remote control (incl. battery)	TP 3 black (RC5) incl. 3x Battery AAA size	TP 3 black (RC5) & Comfort Remote	TP 3 black (RC5) incl. 3x Battery AAA size
Power cord	grounded	grounded	grounded
Stand	swivel type	swivel type	swivel type
Cleaning tissue	●	○	○



## Technische Daten / Technical Data 37"

	37 GLX 3103 T2	37 VLC 6110 C	37 VLC 9142 C
Order No.	GBJ5137	GBJ4337	GBJ9037
Destination	Nordic	D, A	France - Italy
Approbations	CE	CE	CE
IM-Languages	NO, FI, SV, DK, HR, EL, DE	D,GB	FR: ES, FR, PT, D, GB, NL, EE IT: EN, HR, CZ, IT, DE, FR, EL
IM-Languages 2			
Remote control	TP 3 black (RC5)	TP 3 black (RC5)	TP 3 black (RC5)
EAN	40 13833-62847 7	40 13833-62660 2	40 13833-62720 3
Color	glossy black	glossy black	glossy black
DISPLAY			
Panel	37" / 94cm	37" / 94cm	37" / 94cm
Backlight	CCFL	CCFL	CCFL
Wide-screen format	•	•	•
Response time	ca. 5ms	ca. 5ms	ca. 5ms
Dynamic contrast	Dynamic Contrast Plus	Dynamic Contrast Plus	Dynamic Contrast Plus
Frame Refresh (frames per second)	○	○	○
Viewing angle vertical/horizontal, ca. °	178/178	178/178	178/178
Physical display resolution max. pixel	WUXGA 1920 x 1080 (full HD)	WUXGA 1920 x 1080 (full HD)	WUXGA 1920 x 1080 (full HD)
PICTURE			
Motion Picture Improvement	○	○	•
Motion Adaptive Deinterlacing	3D Deinterlacer	3D Deinterlacer	3D Deinterlacer
Full HD	•	•	•
24p	○	○	○
HD-TV 1080p	•	•	•
Line Flicker Reduction	•	•	•
Digital Color Transition Improv. (DCTI)	•	•	•
Digital Combfilter	3D	3D	3D
Digital Luminance Transition Improv. (DLTI)	•	•	•
Picture Noise Reduction	•	•	•
Preset picture modes	user, vivid, natural, movie, sports	user, vivid, natural, movie, sports	user, vivid, natural, movie, sports
Aspect ratios (Format switching)	Auto (WSS), 4:3 / 16:9 / 14:9 / LetterBox / Subtitle / Panorama	Auto (WSS), 4:3 / 16:9 / 14:9 / LetterBox / Subtitle / Panorama	Auto (WSS), 4:3 / 16:9 / 14:9 / LetterBox / Subtitle / Panorama
PAT: Split screen (PICTURE + TEXT)	•	•	•
PAP: Double Window (PICT. + PICT.)	○	○	○
P²AT: Double Window + TXT	○	○	○
POP: PICTURE on PICTURE	○	○	○
Picture freezing	•	•	•
Zoom with point function	•	•	•
Auto 16:9 selection via Scart	•	•	•
Sharpness control	•	•	•
Blue Background	•	•	•
CHASSIS			
TV-Chassis	TF	TF	TF
Tuner	PLL frequency synthesizer tuning	PLL frequency synthesizer tuning	PLL frequency synthesizer tuning
Scaler	Sapphire 13+	Sapphire 13+	Sapphire 13+
Keyboard	7 keys: +/- Programm, Source / Menu, +/- Volume, stand-by	7 keys: +/- Programm, Source / Menu, +/- Volume, stand-by	7 keys: +/- Programm, Source / Menu, +/- Volume, stand-by
ELECTRONIC			
DLNA	○	○	○
Stand by indicator	blue LED	blue LED	blue LED
EPG (Electronic Programme Guide)	7 days via DVB-T / T2 / C	7 days via DVB-T and DVB-C	7 days via DVB-T and DVB-C
Manual & autom. labeling of prog.	•	•	•
Programmable off timer	•	•	•
Programmable on timer	•	•	•
Intelligent channel search (Zapping funct.)	•	•	•
Programme Edit	•	•	•
Auto switch off	○	○	○
Programme memory TV/AV (opt.)	100 Analog / 1000 DVB-T / 1000 DVB-C / AV	100 Analog / 1000 DVB-T / 1000 DVB-C / AV	100 Analog / 1000 DVB-T / 1000 DVB-C / AV
Teletext/Fasttext/Toptext	• / • / •	• / • / •	• / • / •
Teletext options	1000 pages	1000 pages	1000 pages
Childlock	•	•	•
Menu languages OSD	24 languages, D, GB, F, I, E, P, NL, DK, S, FIN, N, TR, GR, PL, CZ, SK, SLO, H, RU, RO, BG, HR, LT, EE		
OSD-style	OEM-style with Grundig look	OEM-style with Grundig look	OEM-style with Grundig look
Service mode	•	•	•
Game mode	presets (user changeable) for sound and picture in HDMI-, Component- and PC-mode	presets (user changeable) for sound and picture in HDMI-, Component- and PC-mode	presets (user changeable) for sound and picture in HDMI-, Component- and PC-mode
Hotel mode	Simple hotel mode possible via service adjustment	Simple hotel mode possible via service adjustment	Simple hotel mode possible via service adjustment
Digi Link (HDMI CEC 1.3)	•	•	•
Special feature	○	○	○
TUNING			
Autom. Tuning System with country select.	full automatic sorting	full automatic sorting	full automatic sorting
Frequency Based Auto Search	•	•	•
Automatic Micro-search	•	•	•
Manual fine tuning	•	•	•
Direct channel selection	•	•	•
Direct frequency selection	For cable tuning can be done by entering the frequency (MHz) in digital search menu	For cable tuning can be done by entering the frequency (MHz) in digital search menu	For cable tuning can be done by entering the frequency (MHz) in digital search menu
PAL/SECAM/BG/DK/IL/L	•	•	•
NTSC-Playback via Scart (3,58/4,43)	•	•	•
Cable TV / Hyperband (S1-S41)	•	•	•
AUDIO			
Mono/Stereo/Nicam	• / • / •	• / • / •	• / • / •
AV Stereo	•	•	•
Loudspeaker	2 wide band at the front side	2 wide band at the front side	2 wide band at the front side
SRS	○	TruSurround HD	TruSurround HD
Dolby digital	•	•	•
Virtual Dolby	○	○	○
Subwoofer	○	○	○
Dynamic Bass	○	○	○
Balance Adjustment	•	•	•
AVL (Audio Volume Level)	•	•	•
Equalizer	5 Band	5 Band	5 Band
Space Sound Effect	•	•	•
Audio mode	cinema, music, sport, speech, user	cinema, music, sport, speech, user	cinema, music, sport, speech, user
Audio amplifier	2 x 10/20W nominal/music power (R/L)	2 x 10/20W nominal/music power (R/L)	2 x 10/20W nominal/music power (R/L)
USB part			
Recording	○	○	•
Divx + HD	○	•	•
Repeat	○	•	○
File browser	○	•	•
Video file resolution (max.)	○	1920 x 1080	1920 x 1080
Supported files	○	.m4a, .wma, .aac, .jpg, .jpe, .bmp, .png, .mov, .divx, .mpg, .mpe, .vob, .dat, .trp, .ts, .avi, .mp4, .mkv, .div	
Supported subtitles	○	SRT, SSA, ASS, SMI, Video SUB	SRT, SSA, ASS, SMI, Video SUB

	37 GLX 3103 T2	37 VLC 6110 C	37 VLC 9142 C
DVD			
DVD-R/+R/-RW/+RW	○	○	○
CD-R/+R/-RW/+RW	○	○	○
SVCD	○	○	○
Supported files	○	○	○
Supported subtitles	○	○	○
DVB reception	EN 300 744 & revised NorDig II spec (regarding DVB-T front end performance)		
Fully compliant to	● / ● - ATS type sorting & LCN type sorting	● / ● - ATS type sorting & LCN type sorting	● / ● - ATS type sorting & LCN type sorting
Automatic/manual channel search	●	●	●
EPG (SI based)	○	○	○
7 Day Electronic Programme Guide	○	○	○
- 8 Day Electronic Programme Guide	●	●	○
- now/next	●	●	○
- scheduled	If broadcasted	If broadcasted	If broadcasted
- Extended Event Info	If broadcasted	If broadcasted	If broadcasted
- Short Event Info	If broadcasted	If broadcasted	If broadcasted
TV/Radio programmes	1000	1000	1000
OSD languages	Same as analogue languages	Same as analogue languages	Same as analogue languages
Parental control	○	○	○
Teletext VBI insertion	or decoding	or decoding	or decoding
VPS - VBI insertion	PDC based	PDC based	PDC based
Programme table	full automatic sorting	full automatic sorting	full automatic sorting
Factory station list	●	●	●
Embedded Conditional Access	○	○	○
Common Interface	●	●	●
CI +	●	●	●
DVB-T2 Front end			
Input frequency range	177 - 862 VHF & UHF	○	○
Input level / Impedance	-75 to -35dBm / 75 Ohm	○	○
Modulation	QPSK, 16QAM, 64QAM, 256QAM	○	○
FEC MODE	LDPC + BCH 1/2, 3/5, 2/3, 3/4, 4/5, 5/6	○	○
DVB-T Front end			
Tuner inputs (Hyperband)	1	1	1
Input frequency (MHz) / Loop through	177 - 862 VHF & UHF / ○	177 - 862 VHF & UHF / ○	177 - 862 VHF & UHF / ○
Input level / Impedance	-76,0dBm to -20dBm (at 16 QAM 2/3) / 75 Ohm	-76,0dBm to -20dBm (at 16 QAM 2/3) / 75 Ohm	-76,0dBm to -20dBm (at 16 QAM 2/3) / 75 Ohm
Modulation	COFDM 2/8 QPSK 16/64 QAM	COFDM 2/8 QPSK 16/64 QAM	COFDM 2/8 QPSK 16/64 QAM
FEC	1/2, 2/3, 3/4, 5/6, 7/8	1/2, 2/3, 3/4, 5/6, 7/8	1/2, 2/3, 3/4, 5/6, 7/8
Activ antenna support	○	○	○
Hierarchical modulation	Hierarchical - non hierarchical	Hierarchical - non hierarchical	Hierarchical - non hierarchical
DVB-C Front end			
Input frequency (MHz)	47 - 862 VHF & UHF	47 - 862 VHF & UHF	47 - 862 VHF & UHF
Input level / Impedance	47 - 70dBμV / 75 Ohm	47 - 70dBμV / 75 Ohm	47 - 70dBμV / 75 Ohm
Demodulation / Symbol rate Ms/s	QAM 16/32/64/128/256 demodulation support (EN 300 429) 4.0...7.2 Msymbols/s		
Video Decoder			
MPEG profiles	MP@ML, MP@HL, MPEG4 AVC H.264 HP@L4.0	MP@ML, MP@HL, MPEG4 AVC H.264 HP@L4.0	MP@ML, MP@HL, MPEG4 AVC H.264 HP@L4.0
Resolution	576i, 576p, 720p, 1080i, 1080p	576i, 576p, 720p, 1080i, 1080p	576i, 576p, 720p, 1080i, 1080p
OSD colors	Fitting to TV-OSD	Fitting to TV-OSD	Fitting to TV-OSD
Picture formats	Auto (WSS), 4:3 / 14:9 / 16:9 / Panorama / Letterbox / Subtitle	Auto (WSS), 4:3 / 14:9 / 16:9 / Panorama / Letterbox / Subtitle	Auto (WSS), 4:3 / 14:9 / 16:9 / Panorama / Letterbox / Subtitle
Audio Decoder			
Profiles	MPEG 4, MPEG 2 layer I & II	MPEG 4, MPEG 2 layer I & II	MPEG 4, MPEG 2 layer I & II
AC 3 Output	SP/DIF	SP/DIF	SP/DIF
Modes	Mono, Dual Mono, Stereo, Joint Stereo	Mono, Dual Mono, Stereo, Joint Stereo	Mono, Dual Mono, Stereo, Joint Stereo
Software			
Service information processing	Dynamic PMT	Dynamic PMT	Dynamic PMT
DVB subtitling	●	●	●
Over air download (OTA)	DVB enhanced profile	DVB enhanced profile	DVB enhanced profile
Navigator	via menu	via menu	via menu
API	○	○	○
Last station memory	from stand-by, as TV	from stand-by, as TV	from stand-by, as TV
Favourite mode	4x free	4x free	4x free
Mute function	●	●	●
Swap function	●	●	●
POWER SUPPLY / CABINET			
Power voltage	230V, 50Hz; in accordance to IEC 65	230V, 50Hz; in accordance to IEC 65	230V, 50Hz; in accordance to IEC 65
Range of regulation	140V - 265V	140V - 265V	140V - 265V
Power switch	●	●	●
Integrated supply	●	●	●
Energy class	C	C	C
Power consumption	110W, standby 0,50W in accordance to IEC 62087-2002	110W, standby 0,50W in accordance to IEC 62087-2002	110W, standby 0,50W in accordance to IEC 62087-2002
Cabinet (WxHxD, cm)	91,2x61,9x8,9,cm	91,2x61,9x8,9,cm	91,2x61,9x8,9,cm
Cabinet with stand (WxHxD, cm)	91,2x66,3x25,0cm	91,2x66,3x25,0cm	91,2x66,3x25,0cm
Weight	ca.18,9kg	ca.18,9kg	ca.18,9kg
FRONT PANEL CONNECTIONS			
Cinch-AV socket	○	○	○
S-Video	○	○	○
REAR PANEL CONNECTIONS			
Euro-AV-Socket AV1	Full wired	Full wired	Full wired
S-Video	via Euro AV	via Euro AV	via Euro AV
Camera-AV	3x Cinch socket in	3x Cinch socket in	3x Cinch socket in
YUV input / progressive	Video-in: 3 x Cinch Audio-in: 2 x Cinch	Video-in: 3 x Cinch Audio-in: 2 x Cinch	Video-in: 3 x Cinch Audio-in: 2 x Cinch
PC-input	WXGA	WXGA	WXGA
PC-Audio in	●	●	●
HDMI	3x	3x	4x
HD ready including HDCP	via HDMI	via HDMI	via HDMI
Common Interface	1 slot	1 slot	1 slot
Headphones	3.5mm jack	3.5mm jack	3.5mm jack
Digital Audio out coaxial (SPDIF)	○	○	○
Digital Audio out optical (SPDIF)	●	●	●
USB	○	USB 2.0	2 x USB 2.0
Antenna for terrestrial reception	1 x Coaxial-socket for TV-tuner-in, according to DIN 45325	1 x Coaxial-socket for TV-tuner-in, according to DIN 45325	1 x Coaxial-socket for TV-tuner-in, according to DIN 45325
DC-connector	○	○	○
Power supply plug	●	●	●
SUPPLIED ACCESSORIES			
Wi-Fi Dongle	○	○	○
Remote control (incl. battery)	TP 3 black (RC5) incl. 3x Battery AAA size	TP 3 black (RC5) incl. 3x Battery AAA size	TP 3 black (RC5) incl. 3x Battery AAA size
Power cord	grounded	grounded	non grounded
Stand	swivel type	swivel type	swivel type
Cleaning tissue	●	●	●

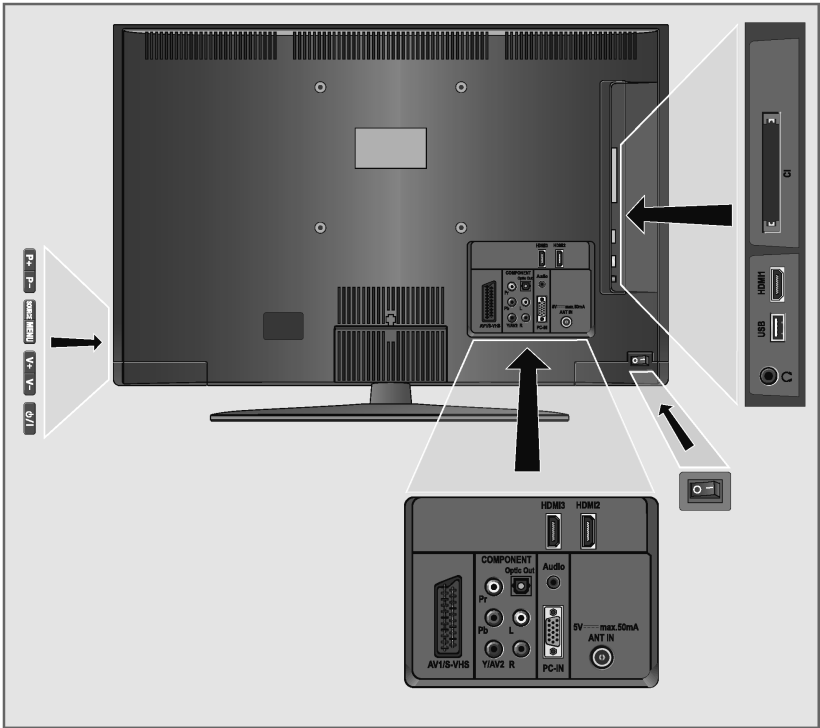
## Technische Daten / Technical Data 40" ...46"

	40 VLE 7130 BM	40 VLE 7131 BF	42 VLC 6121 C	42 VLC 9142 T2	46 VLE 7130 BM
Order No.	GBJ0140	GBJ7940	GBJ4142	GBJ6342	GBJ0146
Destination	Nordic	France - Italy	D, A / Italy / France	Nordic	Nordic
Approbations	CE	CE	CE	CE	CE
IM-Languages	NOR ,FI ,DK ,S, HR, EL ,DE	FR: ES, FR, PT, D, GB, NL, EE IT: EN, HR, CZ, IT, DE, FR, EL	D,GB	NO, DK, FI, SE, DE, CRO, EL	NO, DK, FI, S, DE, HR, EL
IM-Languages 2			FR: ES, FR, PT, D, GB, NL, EE IT: EN, HR, CZ, IT, DE, FR, EL		
Remote control	TP3 & Comfort Remote (Black)	TP 3 black (RC5)	TP 3 black (RC5)	TP 3 black (RC5)	TP3 & Comfort Remote (Black)
EAN	40 13833-62780 7	40 13833-62722 7	40 13833-62653 4	40 13833-62689 3	40 13833-62784 5
Color	glossy black	glossy black	glossy black/silver	glossy black	glossy black
DISPLAY					
Panel	40" / 102cm	40" / 102cm	42" / 107cm	42" / 107cm	46" / 117cm
Backlight	EDGE LED	EDGE LED	CCFL	CCFL	EDGE LED
Wide-screen format	•	•	•	•	•
Response time	ca. 6ms	ca. 6ms	ca. 5ms	ca. 5ms	○
Dynamic contrast	Dynamic Contrast Plus	Dynamic Contrast Plus	Dynamic Contrast Plus	Dynamic Contrast Plus	Dynamic Contrast Plus
Frame Refresh (frames per second)	○	○	○	○	○
Viewing angle vertical/horizontal, ca. °	178/178	178/178	178/178	178/178	178/178
Physical display resolution max. pixel	WUXGA 1920 x 1080 (full HD)	WUXGA 1920 x 1080 (full HD)	WUXGA 1920 x 1080 (full HD)	WUXGA 1920 x 1080 (full HD)	WUXGA 1920 x 1080 (full HD 100Hz)
PICTURE					
Motion Picture Improvement	•	•	○	•	at frame rate 100Hz (Motion Blur Red.)
Motion Adaptive Deinterlacing	3D DeInterlacer	3D DeInterlacer	3D Deinterlacer	3D Deinterlacer	3D Deinterlacer
Full HD	•	•	•	•	•
24p	○	○	○	○	○
HD-TV 1080p	•	•	•	•	•
Line Flicker Reduction	•	•	•	•	•
Digital Color Transition Improv. (DCTI)	•	•	•	•	•
Digital Comfilter	3D	3D	3D	3D	3D
Digital Luminance Transition Improv. (DLTI)	•	•	•	•	•
Picture Noise Reduction	•	•	•	•	•
Preset picture modes	user, vivid, natural, movie, sports	user, vivid, natural, movie, sports	user, vivid, natural, movie, sports	user, vivid, natural, movie, sports	user, vivid, natural, movie, sports
Aspect ratios (Format switching)		Auto (WSS)	4:3 / 16:9 / 14:9 / LetterBox / Subtitle / Panorama		
PAT: Split screen (PICTURE + TEXT)	•	•	•	•	•
PAP: Double Window (PICT. + PICT.)	○	○	○	○	○
P²AT: Double Window + TXT	○	○	○	○	○
POP: PICTURE on PICTURE	○	○	○	○	○
Picture freezing	•	•	•	•	•
Zoom with point function	•	•	•	•	•
Auto 16:9 selection via Scart	•	•	•	•	•
Sharpness control	•	•	•	•	•
Blue Background	•	•	•	•	•
CHASSIS					
TV-Chassis	TF	TF	TF	TF	TF
Tuner	PLL frequency synthesizer tuning	PLL frequency synthesizer tuning	PLL frequency synthesizer tuning	PLL frequency synthesizer tuning	PLL frequency synthesizer tuning
Scaler	Sapphire 13+	Sapphire 13+	Sapphire 13+	Sapphire 13+	Sapphire 13+
Keyboard	7 keys: +/- Programm, Source / Menu, +/- Volume, stand-by				
ELECTRONIC					
DLNA	○	○	○	○	•
Stand by indicator	blue LED	blue LED	blue LED	blue LED	blue LED
EPG (Electronic Programme Guide)	7 days via DVB-T / T2 / C	7 days via DVB-T and DVB-C	7 days via DVB-T and DVB-C	7 days via DVB-T / T2 / C	7 days via DVB-T / T2 / C
Manual & autom. labeling of prog.	•	•	•	•	•
Programmable off timer	•	•	•	•	•
Programmable on timer	•	•	•	•	•
Intelligent channel search (Zapping funct.)	•	•	•	•	•
Programme Edit	•	•	•	•	•
Auto switch off	○	○	○	○	○
Programme memory TV/AV (opt.)	100 Analog / 1000 T / 1000 T2 / 1000 C	100 Analog / 1000 DVB-T / 1000 DVB-C / AV	100 Analog / 1000 DVB-T / 1000 DVB-C / AV	100 Analog / 1000 T / 1000 T2 / 1000 C	100 Analog / 1000 T / 1000 T2 / 1000 C
Teletext/Fasttext/Toptext	• / • / •	• / • / •	• / • / •	• / • / •	• / • / •
Teletext options	1000 pages	1000 pages	1000 pages	1000 pages	1000 pages
Childlock	•	•	•	•	•
Menu languages OSD	24 languages, D, GB, F, I, E, P, NL, DK, S, FIN, N, TR, GR, PL, CZ, SK, SLO, H, RUS, RO, BG, HR, LT, EE				
OSD-style	OEM-style with Grundig look	OEM-style with Grundig look	OEM-style with Grundig look	OEM-style with Grundig look	OEM-style with Grundig look
Service mode	•	•	•	•	•
Game mode	presets (user changeable) for sound and picture in HDMI-, Component- and PC-mode				
Hotel mode	Simple hotel mode possible via service adjustment				
Digi Link (HDMI CEC 1.3)	•	•	•	•	•
Special feature	○	○	○	○	○
TUNING					
Autom. Tuning System with country select.	full automatic sorting	full automatic sorting	full automatic sorting	full automatic sorting	full automatic sorting
Frequency Based Auto Search	•	•	•	•	•
Automatic Micro-search	•	•	•	•	•
Manual fine tuning	•	•	•	•	•
Direct channel selection	•	•	•	•	•
Direct frequency selection	For cable tuning can be done by entering the frequency (MHz) in digital search menu				
PAL/SECAM/BG/DK/I/L/L	•	•	•	•	•
NTSC-Playback via Scart (3,58/4,43)	•	•	•	•	•
Cable TV / Hyperband (S1-S41)	•	•	•	•	•
AUDIO					
Mono/Stereo/Nicam	• / • / •	• / • / •	• / • / •	• / • / •	• / • / •
AV Stereo	•	•	•	•	•
Loudspeaker	2 wide band at the front side	2 wide band at the front side	2 wide band at the front side	2 wide band at the front side	2 wide band at the front side
SRS	TruSurround HD	TruSurround HD	TruSurround HD	TruSurround HD	TruSurround HD
Dolby digital	•	•	•	•	•
Virtual Dolby	○	○	○	○	○
Subwoofer	○	○	○	○	○
Dynamic Bass	○	○	○	○	○
Balance Adjustment	•	•	•	•	•
AVL (Audio Volume Level)	•	•	•	•	•
Equalizer	5 Band	5 Band	5 Band	5 Band	5 Band
Space Sound Effect	•	•	•	•	•
Audio mode	cinema, music, sport, speech, user	cinema, music, sport, speech, user	cinema, music, sport, speech, user	cinema, music, sport, speech, user	cinema, music, sport, speech, user
Audio amplifier	2 x 10/20W nominal/music power (R/L)				
USB part					
Recording	•	•	•	•	•
Divx + HD	•	•	•	•	•
Repeat	•	○	•	○	•
File browser	•	•	•	•	•
Video file resolution (max.)	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Supported files	.m4a, .wma, .aac, .jpg, .jpe, .bmp, .png, .mov, .divx, .mpg, .mpe, .vob, .dat, .trp, .ts, .avi, .mp4, .mkv, .div				
Supported subtitles	SRT, SSA, ASS, SMI, Video SUB	SRT, SSA, ASS, SMI, Video SUB	SRT, SSA, ASS, SMI, Video SUB	SRT, SSA, ASS, SMI, Video SUB	SRT, SSA, ASS, SMI, Video SUB

	40 VLE 7130 BM	40 VLE 7131 BF	42 VLC 6121 C	42 VLC 9142 T2	46 VLE 7130 BM
DVD					
DVD-R/+R/-RW/+RW	○	○	○	○	○
CD-R/+R/-RW/+RW	○	○	○	○	○
SVCD	○	○	○	○	○
Supported files	○	○	○	○	○
Supported subtitles	○	○	○	○	○
DVB reception					
Fully compliant to	EN 300 744 & revised NorDig II spec (regarding DVB-T front end performance)				
Automatic/manual channel search	● / ● - ATS type sorting & LCN type sorting				
EPG (SI based)	●	●	●	●	●
7 Day Electronic Programme Guide	●	●	●	●	●
- 8 Day Electronic Programme Guide	○	○	○	○	○
- now/next	●	●	●	●	●
- scheduled	If broadcasted	If broadcasted	If broadcasted	If broadcasted	If broadcasted
- Extended Event Info	If broadcasted	If broadcasted	If broadcasted	If broadcasted	If broadcasted
- Short Event Info	If broadcasted	If broadcasted	If broadcasted	If broadcasted	If broadcasted
TV/Radio programmes	1000	1000	1000	1000	1000
OSD languages	Same as analogue languages	Same as analogue languages	Same as analogue languages	Same as analogue languages	Same as analogue languages
Parental control	○	○	○	○	○
Teletext VBI insertion	or decoding	or decoding	or decoding	or decoding	or decoding
VPS - VBI insertion	PDC based	PDC based	PDC based	PDC based	PDC based
Programme table	full automatic sorting	full automatic sorting	full automatic sorting	full automatic sorting	full automatic sorting
Factory station list	●	●	●	●	●
Embedded Conditional Access	○	○	○	○	○
Common Interface	●	●	●	●	●
CI +	●	●	●	●	●
DVB-T2 Front end					
Input frequency range	177 - 862 VHF & UHF	○	○	177 - 862 VHF & UHF	177 - 862 VHF & UHF
Input level / Impedance	-75 to -35dBm / 75 Ohm	○	○	-75 to -35dBm / 75 Ohm	-75 to -35dBm / 75 Ohm
Modulation	QPSK, 16QAM, 64QAM, 256QAM	○	○	QPSK, 16QAM, 64QAM, 256QAM	QPSK, 16QAM, 64QAM, 256QAM
FEC MODE	LDPC + BCH 1/2, 3/5, 2/3, 3/4, 4/5, 5/6	○	○	LDPC + BCH 1/2, 3/5, 2/3, 3/4, 4/5, 5/6	○
DVB-T Front end					
Tuner inputs (Hyperband)	1	1	1	1	1
Input frequency (MHz) / Loop through	177 - 862 VHF & UHF / ○	177 - 862 VHF & UHF / ○	177 - 862 VHF & UHF / ○	177 - 862 VHF & UHF / ○	177 - 862 VHF & UHF / ○
Input level / Impedance	-80 to 20dBm / 75 Ohm	-80 to 20dBm / 75 Ohm	dBm to -20dBm (at 16 QAM 2/3) / 75	-80 to 20dBm / 75 Ohm	-80 to 20dBm / 75 Ohm
Modulation	COFDM 2/8 QPSK 16/64 QAM	COFDM 2/8 QPSK 16/64 QAM	COFDM 2/8 QPSK 16/64 QAM	COFDM 2/8 QPSK 16/64 QAM	COFDM 2/8 QPSK 16/64 QAM
FEC	1/2, 2/3, 3/4, 5/6, 7/8	1/2, 2/3, 3/4, 5/6, 7/8	1/2, 2/3, 3/4, 5/6, 7/8	1/2, 2/3, 3/4, 5/6, 7/8	1/2, 2/3, 3/4, 5/6, 7/8
Activ antenna support	○	○	○	○	○
Hierarchical modulation	Hierarchical - non hierarchical	Hierarchical - non hierarchical	Hierarchical - non hierarchical	Hierarchical - non hierarchical	Hierarchical - non hierarchical
DVB-C Front end					
Input frequency (MHz)	47 - 862 VHF & UHF	47 - 862 VHF & UHF	47 - 862 VHF & UHF	47 - 862 VHF & UHF	47 - 862 VHF & UHF
Input level / Impedance	47 - 70dBμV / 75 Ohm	47 - 70dBμV / 75 Ohm	47 - 70dBμV / 75 Ohm	47 - 70dBμV / 75 Ohm	47 - 70dBμV / 75 Ohm
Demodulation / Symbol rate Ms/s	QAM 16/32/64/128/256 demodulation support (EN 300 429) 4.0...7.2 Msymbols/s				
Video Decoder					
MPEG profiles	MP@ML, MP@HL, MPEG4 AVC H.264 HP@L4.0				
Resolution	576i, 576p, 720p, 1080i, 1080p	576i, 576p, 720p, 1080i, 1080p	576i, 576p, 720p, 1080i, 1080p	576i, 576p, 720p, 1080i, 1080p	576i, 576p, 720p, 1080i, 1080p
OSD colors	Fitting to TV-OSD	Fitting to TV-OSD	Fitting to TV-OSD	Fitting to TV-OSD	Fitting to TV-OSD
Picture formats	Auto (WSS), 4:3 / 14:9 / 16:9 / Panorama / Letterbox / Subtitle				
Audio Decoder					
Profiles	MPEG 4, MPEG 2 layer I & II	MPEG 4, MPEG 2 layer I & II	MPEG 4, MPEG 2 layer I & II	MPEG 4, MPEG 2 layer I & II	MPEG 4, MPEG 2 layer I & II
AC 3 Output	SP/DIF	SP/DIF	SP/DIF	SP/DIF	SP/DIF
Modes	Mono, Dual Mono, Stereo, Joint Stereo				
Software					
Service information processing	Dynamic PMT	Dynamic PMT	Dynamic PMT	Dynamic PMT	Dynamic PMT
DVB subtitling	●	●	●	●	●
Over air download (OTA)	DVB enhanced profile	DVB enhanced profile	DVB enhanced profile	DVB enhanced profile	DVB enhanced profile
Navigator	via menu	via menu	via menu	via menu	via menu
API	○	○	○	○	○
Last station memory	from stand-by, as TV	from stand-by, as TV	from stand-by, as TV	from stand-by, as TV	from stand-by, as TV
Favourite mode	4x free	4x free	4x free	4x free	4x free
Mute function	●	●	●	●	●
Swap function	●	●	●	●	●
POWER SUPPLY / CABINET					
Power voltage	230V, 50Hz; in accordance to IEC 65	230V, 50Hz; in accordance to IEC 65	230V, 50Hz; in accordance to IEC 65	230V, 50Hz; in accordance to IEC 65	230V, 50Hz; in accordance to IEC 65
Range of regulation	140V - 265V	140V - 265V	140V - 265V	140V - 265V	140V - 265V
Power switch	Tact switch	Tact switch	●	●	Tact switch
Integrated supply	●	●	●	●	●
Energy class	A	A	C	C	A
Power consumption	63W, standby 0.50W in accordance to IEC 62087-2002	63W, standby 0.50W in accordance to IEC 62087-2002	138W, standby 0.50W in accordance to IEC 62087-2002	138W, standby 0.50W in accordance to IEC 62087-2002	82W, standby 0.50W in accordance to IEC 62087-2002
Cabinet (WxHxD, cm)	92,0x59,2x4,3cm	92,0x59,2x4,3cm	101,8x68,3x9,5cm	101,8x68,3x9,5cm	108,3x66,6x4,3cm
Cabinet with stand (WxHxD, cm)	92,0x63,7x22,4cm	92,0x63,7x22,4cm	101,8x73,5x29,7cm	101,8x73,5x29,7cm	108,3x71,5x24,4cm
Weight	ca. 23,0kg	ca. 23,0kg	ca. 23,2kg	ca. 23,2kg	ca. 23,4kg
FRONT PANEL CONNECTIONS					
Cinch-AV socket	○	○	○	○	○
S-Video	○	○	○	○	○
REAR PANEL CONNECTIONS					
Euro-AV-Socket AV1	Full wired	Full wired	Full wired	Full wired	Full wired
S-Video	via Euro AV	via Euro AV	via Euro AV	via Euro AV	via Euro AV
Camera-AV	3x Cinch socket in	3x Cinch socket in	3x Cinch socket in	3x Cinch socket in	3x Cinch socket in
YUV input / progressive	Video-in: 3 x Cinch Audio-in: 2 x Cinch	Video-in: 3 x Cinch Audio-in: 2 x Cinch	Video-in: 3 x Cinch Audio-in: 2 x Cinch	Video-in: 3 x Cinch Audio-in: 2 x Cinch	Video-in: 3 x Cinch Audio-in: 2 x Cinch
PC-input	WXGA	WXGA	WXGA	WXGA	WXGA
PC-Audio in	●	●	●	●	●
HDMI	4x	4x	3x	4x	4x
HD ready including HDCP	via HDMI	via HDMI	via HDMI	via HDMI	via HDMI
Common Interface	1 slot	1 slot	1 slot	1 slot	1 slot
Headphones	3.5mm jack	3.5mm jack	3.5mm jack	3.5mm jack	3.5mm jack
Digital Audio out coaxial (SPDIF)	○	○	○	○	○
Digital Audio out optical (SPDIF)	●	●	●	●	●
USB	2 x USB 2.0	2 x USB 2.0	USB 2.0	2 x USB 2.0	2 x USB 2.0
Antenna for terrestrial reception	1 x Coaxial-socket for TV-tuner-in, according to DIN 45325	1 x Coaxial-socket for TV-tuner-in, according to DIN 45325	1 x Coaxial-socket for TV-tuner-in, according to DIN 45325	1 x Coaxial-socket for TV-tuner-in, according to DIN 45325	1 x Coaxial-socket for TV-tuner-in, according to DIN 45325
DC-connector	○	○	○	○	○
Power supply plug	●	●	●	●	●
SUPPLIED ACCESSORIES					
Wi-Fi Dongle	○	○	○	○	○
Remote control (incl. battery)	TP 3 black (RC5) & Comfort Remote	TP 3 black (RC5)	TP 3 black (RC5)	TP 3 black (RC5)	TP 3 black (RC5) & Comfort Remote
Power cord	grounded	grounded	grounded	non grounded	grounded
Stand	swivel type glass stand	swivel type glass stand	swivel type	swivel type	swivel type glass stand
Cleaning tissue	●	●	●	●	●

AUF EINEN BLICK

Die Anschlüsse des Fernsehgerätes



- AV1 / S-VHS** Euro/AV-Buchse (FBAS-Signal, RGB-Signal); Bildsignal-Buchse für S-Video-Camerarecorder.
- COMPONENT**
  - Pb Pr Y/AV2** Buchsen für Bildsignal-Eingang (YUV-Signal).
  - L R** Buchsen für Tonsignal-Eingang (YUV-Signal); Tonsignal-Buchse für Camerarecorder.
  - Y / AV2** Bildsignal-Buchse für Camerarecorder.

- Optic Out** Buchse für Tonsignal-Ausgang (optisch) für PCM/AC3-Signale. Zum Anschluss digitaler AV-Verstärker oder AV-Receiver.
- Audio** Buchse für Tonsignal-Eingang für PC.
- PC-IN** VGA-Buchse, Bildsignal-Eingang für PC.
- ANT IN** Antennenbuchse für DVB-T, DVB-C und analoge Antenne.

AUF EINEN BLICK

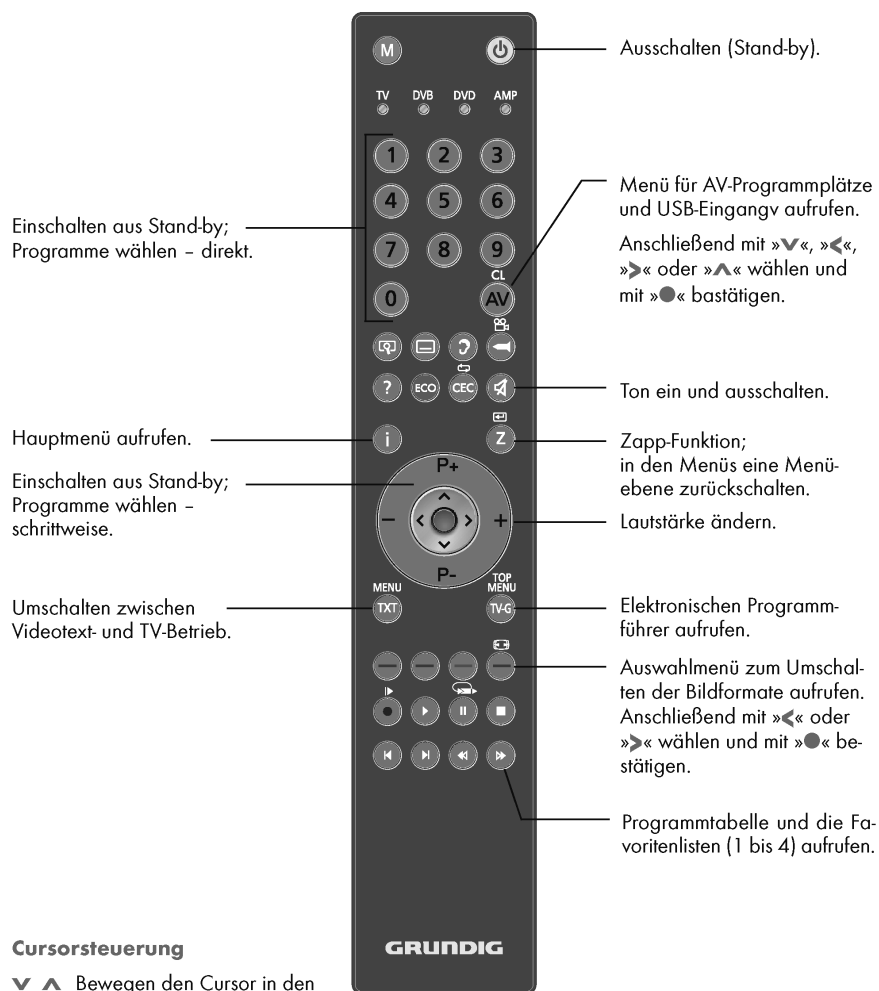
- HDMI2** HDMI-Buchse, Ton-/Bildsignal-Eingang.
- HDMI3** HDMI-Buchse, Ton-/Bildsignal-Eingang.
- Headphones** Kopfhörerbuchse (3,5-mm-Klinkenstecker); Buchse für Tonsignal-Ausgang.
- USB** USB-Buchse für externe Datenträger.
- HDMI1** HDMI-Buchse, Ton-/Bildsignal-Eingang.
- CI** Common Interface-Steckplatz.

Die Bedienelemente des Fernsehgerätes

- I O** Netzschalter, schaltet das Fernsehgerät in Bereitschaft (Stand-by) oder aus.
- Power/Standby** Schaltet das Fernsehgerät ein und wieder in Bereitschaft (Stand-by).
- V- V+** Verändern die Lautstärke; wählen Funktion im Menü.
- MENU** Ruft das Menü auf. Menüoptionen mit »P+« oder »P-« wählen. Funktion mit »V+« oder »V-« aktivieren. Funktion mit »V+« oder »V-« bestätigen. Menü mit »MENU« abschalten.
- SOURCE** Ruft die Vorauswahl für AV-Programmplätze auf. Auswählen innerhalb des Menüs mit »P+« oder »P-«, bestätigen mit »V+« oder »V-«.
- P- P+** Schalten das Fernsehgerät aus Stand-by ein; wählen schrittweise das Programm; wählen Funktion im Menü.



## Die Fernbedienung – Hauptfunktionen



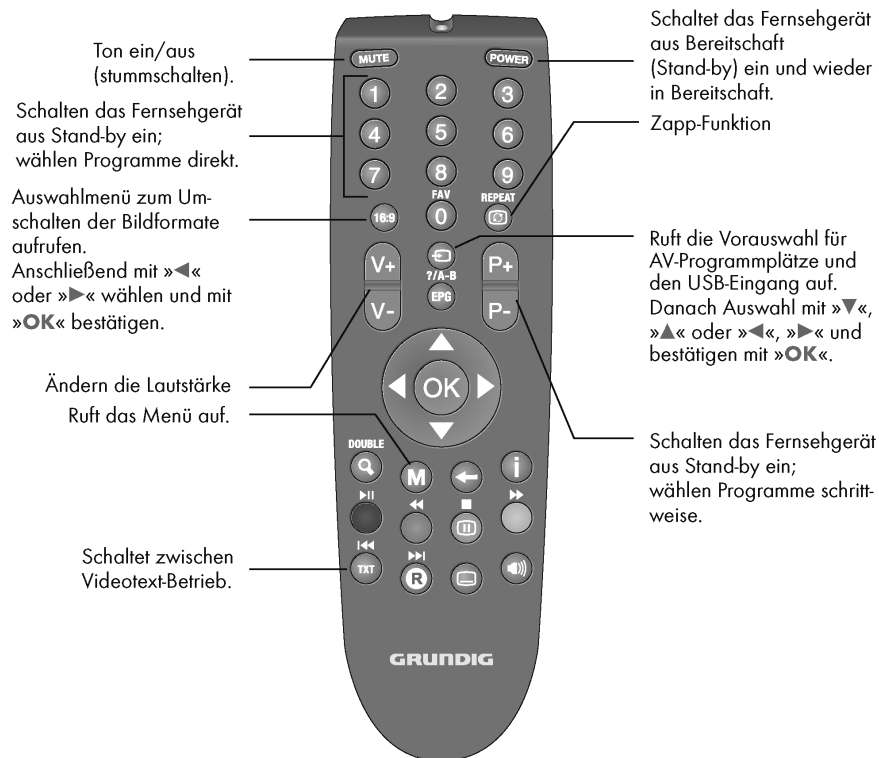
### Cursorsteuerung

- Bewegen den Cursor in den Menüs nach oben und unten.
- Bewegen den Cursor in den Menüs nach links und rechts.
- Ruft die Programmliste auf; aktiviert verschiedene Funktionen.

## Die Fernbedienung – alle Funktionen

- Vergrößert das Bild.
  - Wählt unterschiedliche Untertitel (nur bei digitalen Fernseh-Programmen).
  - Wählt unterschiedliche Audio-sprachen (nur bei digitalen Fernseh-Programmen).
  - Blendet Informationen über das Fernseh-Programm ein.
  - ECO**
 Schaltet den ECO-Modus ein-/aus.
  - CEC**
 Ruft die »HDMI-Geräteleiste« auf; wählt die Wiederholungsfunktion im Dateimanager.
  - Wählen/aktivieren Seiten im Videotext. Wählen/aktivieren unterschiedliche Funktionen in den Menüs.
  - Diese Taste ist ohne Funktion.
  - Startet die Wiedergabe einer Sendung vom externen Datenträger.
  - Standbild, wenn kein externer Datenträger angeschlossen ist; Wiedergabe-Pause
  - Beendet die Wiedergabe einer Sendung vom externen Datenträger; Teilt die Bildanzeige im Videotext.
  - Wählt unterschiedliche Ton-einstellungen; schaltet im Videotext auf doppelte Zeichengröße; wählt im Dateimanager den nächsten Titel/das nächste Bild.
  - Wählt unterschiedliche Bild-einstellungen; aktualisiert eine Videotextseite; wählt im Dateimanager den vorherigen Titel/das vorherige Bild.
  - Stoppt das Umblättern von Seiten im Videotext; startet im Dateimanager den schnellen Rücklauf.
  - Wählt die Programmliste (»Alle Programme«, »FAV 1« bis »FAV 4«); deckt Antworten im Videotext auf; startet im Dateimanager den schnellen Vorlauf.
  - M**
 Schaltet um, zur Bedienung eines
    - GRUNDIG-Digitalempfängers,
    - GRUNDIG-Digitalempfängers mit Festplatte (PDR),
    - GRUNDIG-DVD-Players,
    - GRUNDIG-DVD-Recorders oder GRUNDIG-AV-Receiver um.
 »M« drücken bis die Anzeigen »DVB«, »DVD« oder »AMP« aufleuchtet, dann die gewünschte Auswahl treffen.
- Wird etwa 10 Sekunden lang keine Taste gedrückt, schaltet die Fernbedienung wieder auf Fernseh-betrieb (»TV«).
- Die Vorprogrammierung können Sie ändern, siehe Seite 49.

## Die Fernbedienung – Hauptfunktionen



### Cursorsteuerung

- ▼ ▲ Bewegen im Menü den Cursor nach oben/ unten.
- ◀ ▶ Bewegen im Menü den Cursor nach links/rechts.
- OK Ruft die Programmliste auf; aktiviert verschiedene Funktionen.

## Die Fernbedienung – alle Funktionen

- 16:9** Wählt im Videotext-Betrieb die Funktion Split Screen.
- 0 FAV** Ruft die Favoriten-Programmliste auf.
- REPEAT** Wählt Unterseiten im Videotext-Betrieb; Wählt im Dateimanager die Wiederhol-Funktion.
- EPG/A-B** Ruft den Elektronischen Programmführer (TV-Guide) auf; Antwortfreigabe im Videotext-Betrieb; Wiederholt eine aufgenommene Sendung.
- DOUBLE** Vergrößert das Bild; schaltet auf doppelte; Zeichengröße im Videotext-Betrieb.
- ←** Schaltet in den Menüs eine Menüebene zurück.
- i** Blendet Nummer und Namen des Programmes sowie Programminformationen ein;
- (rot) ▶▶** Wählt im Videotext-Betrieb eine Seite; Aktiviert verschiedene Funktionen; Startet im Dateimanager die Wiedergabe und schaltet auf Wiedergabepause; Startet die Wiedergabe einer Sendung vom externen Datenträger.
- (grün) ◀◀** Wählt im Videotext-Betrieb eine Seite; Aktiviert verschiedene Funktionen; Startet im Dateimanager den Bildsuchlauf rückwärts.
- (gelb) ■** Standbild; Wählt im Videotext-Betrieb eine Seite; Aktiviert verschiedene Funktionen; Beendet im Dateimanager die Wiedergabe; Beendet die Aufnahme oder die Wiedergabe im PVR-Betrieb; Timeshift-Betrieb (nur bei digitalen Fernsehprogrammen und wenn ein externer Datenträger angeschlossen ist).
- (blau) ▶▶** Wählt im Videotext-Betrieb eine Seite; Aktiviert verschiedene Funktionen; Startet im Dateimanager den Bildsuchlauf vorwärts. Öffnet die Aufnahmeliste.
- TXT ◀◀** Wählt im Dateimanager den nächsten Titel/das nächste Bild.
- Ⓡ ▶▶** Seitenstopp im Videotext-Betrieb; Wählt im Dateimanager den vorherigen Titel/das vorherige Bild; Startet die Aufnahme (bei digitalem Empfang, Aufnahme auf einen externen Datenträger).
- Wählt verschiedenen Untertitel (im digitalen Fernseh-Betrieb).
- 🔊** Wählt verschiedenen Audiosprachen (im digitalen Fernseh-Betrieb); Aktualisiert eine Videotext-seite;

## KOMFORT-FUNKTIONEN

### Datum und Uhrzeit einstellen

#### Automatisch einstellen

Ihr Fernsehgerät erkennt die zeitliche Differenz zur Greenwich Mean Time (GMT) automatisch, sofern das ausgewählte Programm ein Zeitsignal überträgt.

- 1 Zeile »Zeitanpassung« mit »V« wählen und die Option »Manuell« mit »◀« oder »▶« wählen.  
– Die Zeilen »Zeitzone« und »Sommer-/Winterzeit« sind aktiv.
- 2 Zeile »Zeitzone« mit »V« wählen und mit »●« bestätigen.  
– Das Menü »Zeitzone wählen« wird eingeblendet.
- 3 Benötigte Zeitzone mit »◀«, »▶«, »V« oder »▲« wählen und mit »●« bestätigen.
- 4 Zeile »Sommer-/Winterzeit« mit »V«, wählen und mit »◀« oder »▶« die Option »Auto«, »Aus« oder »Ein« einstellen.
- 5 Einstellung mit »i« beenden.

#### Manuell Einstellen

Sie können die zeitliche Differenz auch manuell einstellen – zum Beispiel dann, wenn die richtige Zeit nicht automatisch erkannt wurde oder aus anderen Gründen nicht mit Ihrer Ortszeit übereinstimmt.

- 1 Zeile »Datum und Uhrzeit« mit »V« oder »▲« wählen und mit »●« bestätigen.
- 2 Zeile »Auto« mit »V« oder »▲« wählen und mit »●« bestätigen.  
– Datum und Uhrzeit werden automatisch aktualisiert;  
oder
- 3 Das Eingabefeld mit »V« oder »▲« wählen, Datum und Uhrzeit mit »1...0« eingeben und mit »●« bestätigen.

### Timer-Einstellungen

#### Ausschaltzeit eingeben (Sleep Timer)

Im Menü »Abschalttimer« kann für das Fernsehgerät eine Ausschaltzeit eingegeben werden. Das Fernsehgerät schaltet nach Ablauf der eingestellten Zeit in Bereitschaft (Stand-by).

- 1 Zeile »Abschalttimer« mit »V« oder »▲« wählen.
- 2 Gewünschte Ausschaltzeit mit »◀« oder »▶« eingeben.

#### Hinweis:

- Funktion abschalten, dazu die Ausschaltzeit mit »◀« oder »▶« auf »Aus« stellen.

- 3 Einstellung mit »i« beenden.

#### Einschalttimer

Im Menü »Einschalttimer« kann für das Fernsehgerät eine Einschaltzeit eingegeben werden. Das Fernsehgerät schaltet nach Ablauf der eingestellten Zeit aus Bereitschaft – mit der vorgewählten Lautstärke und dem gewünschten Fernseh-Programm – ein.

- 1 Zeile »Einschalttimer« mit »V« oder »▲« wählen und mit »●« bestätigen.
- 2 Zeile »Modus« mit »V« oder »▲« wählen und mit »◀« oder »▶« wählen, wann das Fernsehgerät einschalten soll.
- 3 Zeile »Signalquelle« mit »V« oder »▲« wählen und mit »◀« oder »▶« die Signalquelle auswählen.
- 4 Zeile »Programmtyp« mit »V« oder »▲« wählen und mit »◀« oder »▶« die gewünschte Option (ATV, DTV, Radio oder DATEN) wählen.
- 5 Zeile »Programm« mit »V« oder »▲« wählen und mit »◀« oder »▶« das gewünschte Programm auswählen.

#### Hinweis:

- Die Zeile »Programm« ist nur dann aktiv, wenn die aktuell benutzte Signalquelle eingestellt wurde. Erfolgte hier keine Eingabe, dann wird das erste Programm der gewählten Signalquelle verwendet.

## KOMFORTFUNKTIONEN

- 6 Zeile »Lautstärke« mit »V« oder »▲« wählen und mit »◀« oder »▶« die Lautstärke einstellen.
- 7 Zeile »Stunde ein...« mit »V« oder »▲« wählen und die Zeit mit »1...0« eingeben.
- 8 Daten mit »■« (grün) speichern.

#### Hinweis:

- Die Eingabe kann mit »■« (rot) abgebrochen werden.

- 9 Einstellung mit »i« beenden.

#### Ausschalttimer

Im Menü »Ausschalttimer« kann für das Fernsehgerät eine Ausschaltzeit eingegeben werden. Das Fernsehgerät schaltet nach Ablauf der eingestellten Zeit in Bereitschaft (Stand-by).

- 1 Zeile »Ausschalttimer« mit »V« oder »▲« wählen und mit »●« bestätigen.
- 2 Zeile »Modus« mit »V« oder »▲« wählen und den gewünschten Modus mit »◀« oder »▶« einstellen.
- 3 Zeile »Stunde ein...« mit »V« oder »▲« wählen und die Zeit mit »1...0« eingeben.
- 4 Daten mit »■« (grün) speichern.

#### Hinweis:

- Die Eingabe kann mit »■« (rot) abgebrochen werden.

- 5 Einstellung mit »i« beenden.

#### Automatische Abschaltung (Auto Sleep)

Ist diese Funktion aktiviert, schaltet das Fernsehgerät nach 5 Minuten in Bereitschaft (Stand-by), wenn kein Bildsignal gesendet wird.

- 1 Zeile »Autom. Abschaltung« mit »V« oder »▲« wählen.
- 2 Funktion mit »◀« oder »▶« aktivieren (»Ein«).

#### Hinweis:

- Funktion abschalten dazu mit »◀« oder »▶« die Einstellung »Aus« wählen.

- 3 Einstellung mit »i« beenden.

### Jugendschutzeinstellungen

#### Sendungen autorisieren

Es gibt Spielfilme, deren Inhalt oder auch Szenen, die nicht für Kinder geeignet sind.

Diese Sendungen enthalten Informationen, die den Inhalt oder die Szenen markieren und sind mit Zugangslevel von 4 bis 18 versehen. Sie können einen der Zugangslevel wählen und damit die Wiedergabe autorisieren.

- 1 Zeile »Jugendschutz« mit »V« oder »▲« wählen und mit »▶« bestätigen.
- 2 PIN-Code »1234« mit »1 ... 0« eingeben.
- 3 Zugangsstufe mit »◀« oder »▶« wählen.
- 4 Einstellung mit »i« beenden.

#### Menüs sperren

Mit dieser Funktion können Sie folgende Menüs des Fernsehgerätes sperren: »Automatischer Suchlauf«, »Manuelle Abstimmung-Digital«, »Antenneneinstellung« und »Programmtabelle«. Diese Menüs sind nur durch Eingabe des PIN-Codes zugänglich.

- 1 Zeile »Menü sperren« mit »V« oder »▲« wählen.
- 2 PIN-Code »1234« mit »1 ... 0« eingeben.
- 3 Sperre mit »◀« oder »▶« aktivieren (»Ein«).

#### Hinweis:

- Menüsperrung abschalten dazu mit »◀« oder »▶« die Einstellung »Aus« wählen.

- 4 Einstellung mit »i« beenden.

#### Tasten sperren (Kindersicherung)

Bei aktiver Tastensperre sind die Tasten des Fernsehgerätes ohne Funktion.

- 1 Zeile »Tastensperre« mit »V« oder »▲« wählen.
- 2 PIN-Code »1234« mit »1 ... 0« eingeben.
- 3 Tastensperre mit »◀« oder »▶« aktivieren (Ein) oder abschalten (Aus).
- 4 Einstellung mit »i« beenden.

## KOMFORTFUNKTIONEN

### PIN-Code ändern

Sie können statt des Werkscodes »1234« einen persönlichen PIN-Code eingeben. Notieren Sie sich bitte Ihren persönlichen PIN-Code.

- 1 Zeile »PIN ändern« mit »V« oder »A« wählen und mit »●« bestätigen.
- 2 Aktuellen PIN-Code 1 2 3 4 mit »1 ... 0« eingeben.
- 3 Persönlichen neuen PIN-Code mit »1 ... 0« vierstellig eingeben.
- 4 Persönlichen neuen PIN-Code mit »1 ... 0« noch einmal eingeben.
- 5 Einstellung mit »i« beenden.

### Fernseh-Programme sperren

Sie können einzelne Fernseh-Programme mit einem persönlichen PIN-Code sperren, zum Beispiel Programme, die sich nicht für Kinder eignen.

- 1 Menü mit »i« aufrufen.
- 2 Menü »INSTALLATION« mit »V« oder »A« wählen und mit »●« bestätigen.
- 3 Zeile »Programmtabelle« mit »V« oder »A« wählen und mit »●« bestätigen.  
– Das Menü »PROGRAMMTABELLE« wird eingeblendet.
- 4 Im Menü »PROGRAMMTABELLE« mit »■« (gelb) zur »LISTENVERWALTUNG« umschalten.
- 5 Das zu sperrende Programm mit »V« oder »A« auswählen.
- 6 Mit »◀« oder »▶« die Spalte »Sperre«, auswählen und das Programm mit »●« sperren.
- 7 PIN-Code »1234« mit »1 ... 0« eingeben.  
– Das Programm wird mit »✓« markiert.

#### Hinweis:

- Zum Aufheben der Sperre das Programm mit »V« oder »A« wieder anwählen, mit »●« bestätigen und danach den PIN-Code 1 2 3 4 mit »1 ... 0« eingeben.
- 8 Einstellung mit »i« beenden.

#### Hinweis – Kindersicherung:

Mit dem PIN-Code **2356** können Sie die Einstellungen ändern.

### Software aktualisieren

(nur bei digitalen Programmen)

- 1 Im Menü »EINSTELLUNGEN« die Zeile »Nach Updates suchen« mit »V« oder »A« wählen und mit »●« bestätigen.  
– Neue Software wird gesucht und – sofern vorhanden – installiert.

#### Hinweis:

- Wenn automatisch nach Softwareaktualisierungen gesucht werden soll, die Zeile »Auto-Update« mit »V« oder »A« wählen und mit »◀« oder »▶« die Option »Ein« wählen.  
– Die Software wird automatisch aktualisiert, sofern dies möglich ist.

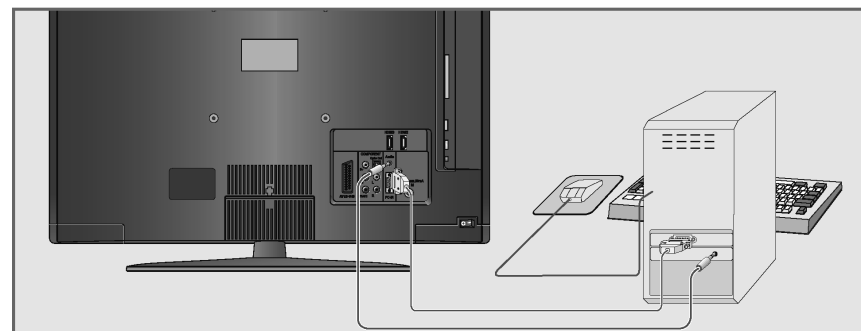
- 2 Einstellung mit »i« beenden.

### Fernsehgerät auf die Werks-einstellungen zurücksetzen

Mit dieser Funktion löschen Sie die Programmtabellen und alle persönlichen Einstellungen.

- 1 Im Menü »EINSTELLUNGEN« die Zeile »Werkseinstellungen« mit »V« oder »A« wählen und mit »●« bestätigen.
- 2 Warnmeldung mit »■« (grün) bestätigen.  
– Das Menü »INSTALLATION« wird eingeblendet.
- 3 Einstellungen mit Kapitel »Erstinstallation und Fernseh-Programme einstellen« auf Seite 14 fortsetzen.

## BETRIEB ALS PC-MONITOR



### PC anschließen

- 1 Buchse »PC-IN« des Fernsehgerätes und die entsprechende Buchse des PCs mit einem VGA Kabel verbinden (Bildsignal).
- 2 Buchse »Audio« des Fernsehgerätes und die entsprechenden Buchse des PCs mit geeignetem Kabel verbinden (Tonsignal).

#### Hinweis:

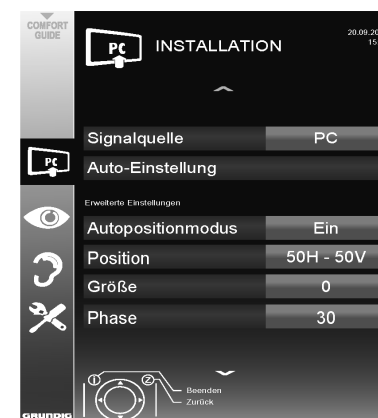
- Passen Sie bitte Ihren PC an den Monitor an (Bildschirmauflösung z.B. 1280 x 768, Bildfrequenz z.B. 60 Hz).

### Programmplatz für den PC anwählen

- 1 »AV« drücken, mit »V«, »A«, »◀« oder »▶« den Programmplatz »PC« wählen und mit »●« bestätigen.

### Einstellungen zum PC-Betrieb

- 1 Menü mit »i« aufrufen.
- 2 Menüpunkt »INSTALLATION« mit »V« oder »A« wählen und mit »●« bestätigen.  
– Das Menü »INSTALLATION« wird eingeblendet.
- 3 Gewünschte Funktion oder Einstellung mit »V« oder »A« wählen, anschließend mit »V«, »A« oder »◀«, »▶« ausführen.



Die Möglichkeiten:

- »Auto Einstellung«, zur automatischen Anpassung an den PC.
  - »Autopositionmodus«, die Option »Ein«, wählen, wenn die Anpassungen im PC-Modus automatisch ausgeführt werden sollen.
  - »Position«, zum Anpassen der horizontalen und vertikalen Bildposition.
  - »Größe«, zum Einstellen der Taktfrequenz.
  - »Phase«, zum Beseitigen von Flackern, unscharfer Darstellung und horizontal störenden Linien.
- 4 Einstellung mit »i« beenden.

## INFORMATIONEN

### Signalinformationen anzeigen

(nur bei digitalen Programmen)

- 1 Menü mit »i« aufrufen.
- 2 Zeile »INSTALLATION« mit »V« oder »A« wählen und mit »●« bestätigen.
- 3 Zeile »Signalinformation« mit »V« oder »A« wählen und mit »●« bestätigen.  
- Informationen zu Programm, Netzwerk, Modulation, Symbolrate, Qualität und Signalstärke werden angezeigt.

#### Hinweise:

- Die Signalinformation wechselt je nach aktueller Signalquelle.
  - Im unteren Bereich des Menüs werden die Signaleigenschaften dargestellt. Je weiter die Balken für »Qualität« und »Signalstärke« nach rechts ausschlagen, desto besser ist das empfangene Signal.
  - Der Signalpegel hängt nicht nur von Ihrer Empfangsanlage, sondern auch von dem gerade aktiven Kanal ab. Beachten Sie dies, wenn Sie anhand der Signalstärkeanzeige die Ausrichtung Ihrer Antenne kontrollieren!
- 4 Menü mit »i« abschalten.

### Vorprogrammierung der Fernbedienung für andere GRUNDIG Geräte

- »DVB« ist zur Bedienung eines GRUNDIG-Digital-Receivers (Fernbedienebene 1) vorprogrammiert.
- »DVD« ist zur Bedienung eines GRUNDIG-DVD-Players vorprogrammiert.
- »AMP« ist zur Bedienung eines GRUNDIG-AV-Receivers vorprogrammiert.
- Welche Funktionen Sie ausführen können, hängt von der Ausstattung des Gerätes ab. Probieren Sie es einfach aus.

### Vorprogrammierung der Fernbedienung ändern

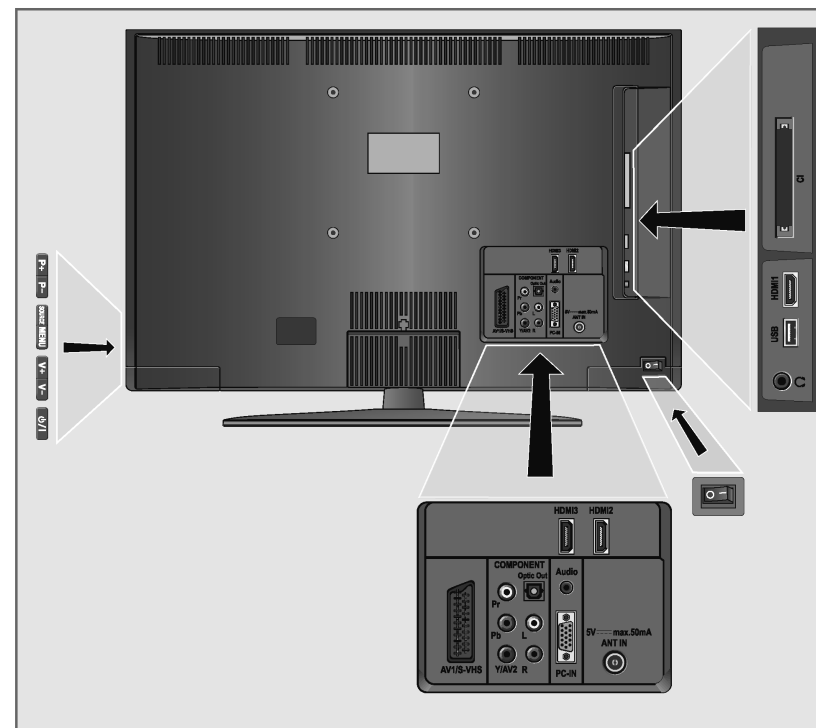
- 1 »M« drücken und gedrückt halten und gleichzeitig die drei Ziffern des entsprechenden Codes eingeben:
  - »1«, »2«, »3« für GRUNDIG-DVD-Player.
  - »4«, »5«, »6« für GRUNDIG-DVD-Recorder.
  - »1«, »4«, »7« für GRUNDIG-Digital-Receiver (Fernbedienebene 1).
  - »2«, »5«, »8« für GRUNDIG-Digital-Receiver (Fernbedienebene 2).
  - »3«, »6«, »9« für GRUNDIG-Digital-Receiver mit Festplatte (PDR).

## Operating Hints

This chapter contains excerpts from the operating instructions. For further particulars please refer to the appropriate user instructions which can be downloaded by [www.grundig.com](http://www.grundig.com), submenu Downloads/Manuals.

## OVERVIEW


### Connections on the television set





<b>AV1 / S-VHS</b>	SCART socket (FBAS signal, RGB signal); Video socket for S-Video camcorder.	<b>Optic Out</b>	Socket for audio output (optical) for PCM/AC3 signals. For connecting digital AV amplifiers or AV receivers.
<b>COMPONENT Pb Pr Y/AV2</b>	Sockets for video input (YUV signal). Sockets for audio input (YUV signal); Audio socket for camcorder.	<b>Audio</b>	Socket for audio input for a PC.
<b>L R</b>		<b>PC-IN</b>	VGA socket, video input for PC.
<b>Y/AV2</b>	Video socket for camcorder	<b>ANT IN</b>	Antenna socket for a DVB-T, DVB-C and analogue antenna.



## OVERVIEW

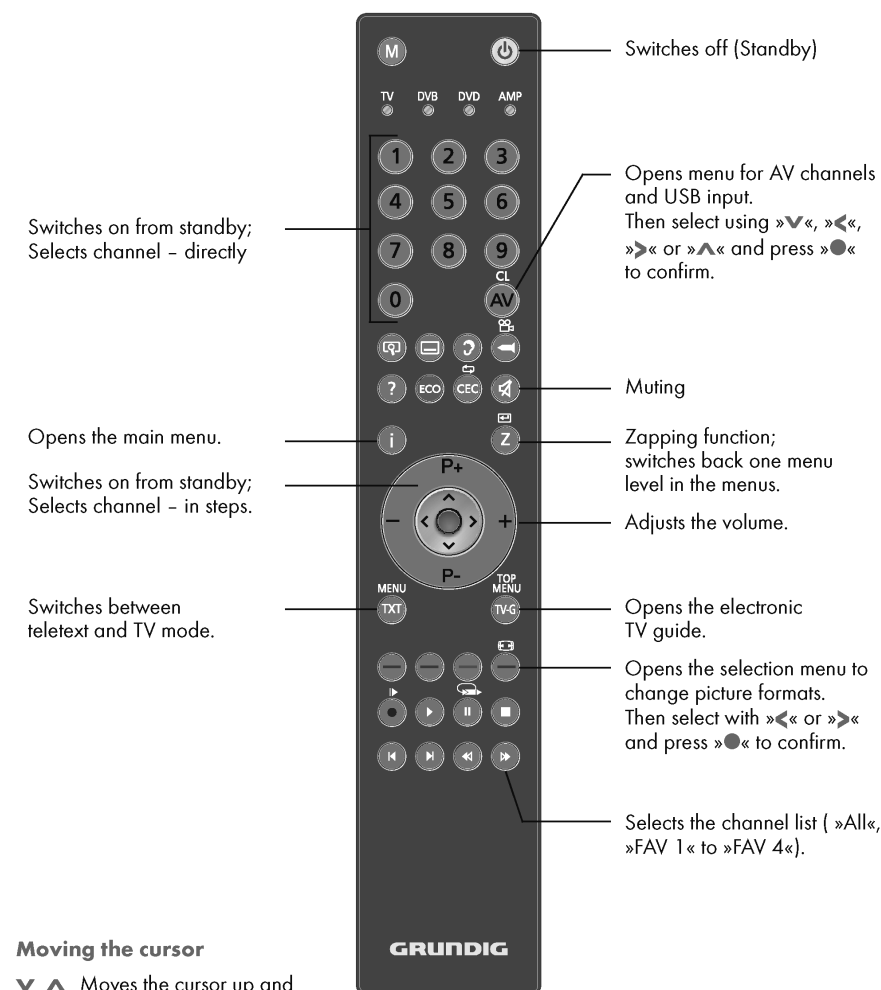
<b>HDMI2</b>	HDMI socket, audio/video input.
<b>HDMI3</b>	HDMI socket, audio/video input.
	Headphone jack (3.5 mm jack plug); Sockets for audio output.
<b>USB</b>	USB socket for external data media.
<b>HDMI1</b>	HDMI socket, audio/video input.
<b>CI</b>	Common Interface Slot.

### Controls on the television set




	Power switch, switches the televi- sion to off.
	Switches the television on and back into standby mode.
<b>V- V+</b>	Adjusts the volume; selects menu functions.
<b>MENU</b>	Opens the menu. Select a menu option with »P+« or »P-«. Activate the function with »V+« or »V-«. Confirm the function with »V+« or »V-«. Press »MENU« to quit the menu.
<b>SOURCE</b>	Opens the pre-selection for AV channels. In the menu, press »P+« or »P-« to select and press »V+« or »V-« to confirm.
<b>P- P+</b>	Switches the television on from standby; selects channels in steps; selects function in the menu.

## OVERVIEW

### The remote control – Main functions



















### Moving the cursor

-  Moves the cursor up and down in the menus.
-  Moves the cursor to the left and right in the menus.
-  Opens the channel list; activates various functions.

## OVERVIEW

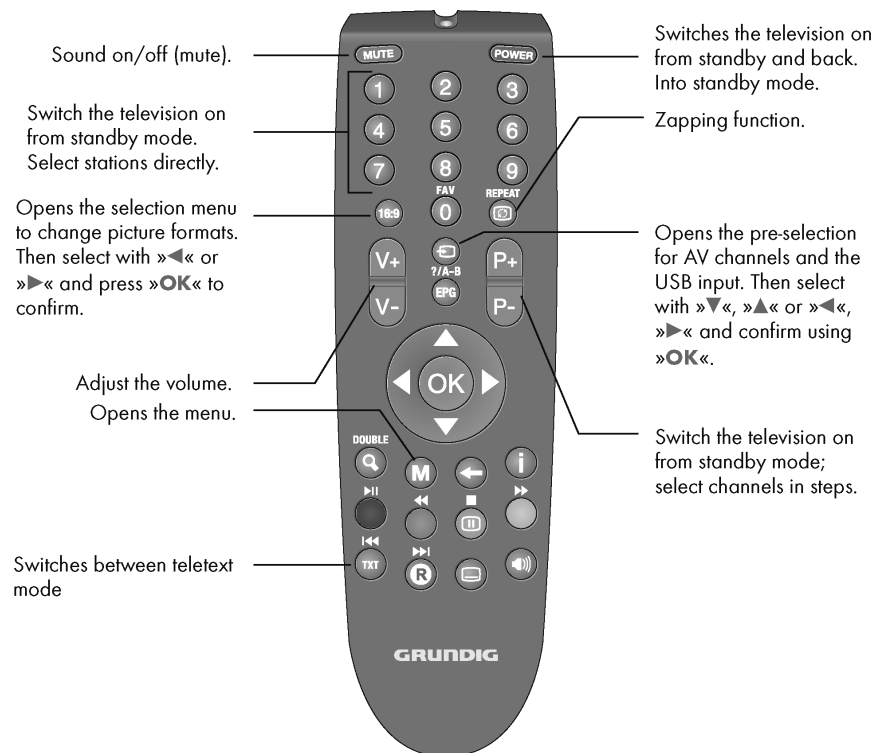
### The remote control – All functions

-  Enlarges the picture.
-  Selects different subtitles (only for digital television channels)
-  Selects different audio languages (only for digital television channels)
-  Displays information about the television channel.
- ECO** Switches ECO mode on/off.
- CEC** Opens the »HDMI CEC Device List«; selects the repeat function in the file browser.
-  (red) Selects pages in teletext;
-  (green) Selects/activates various functions in (yellow) the menus.
-  (blue)
-  Key has no function.
-  Starts playing a programme from an external data medium.
-  Freeze frame; Playback pause from an external data medium.
-  Ends playback of a programme from an external data medium; Splits the screen in teletext.



-  Selects different audio settings; Switches to double character size in teletext; Selects the next title/next picture in the file browser.
  -  Selects different picture settings; Refreshes a teletext page; Selects the previous track/previous picture in the file browser.
  -  Stops scrolling through pages in teletext; Starts a fast reverse search in the file browser.
  -  Selects the channel list ( »All«, »FAV 1« to »FAV 4«); Reveals answers in teletext; Starts a fast forward search in the file browser.
  -  Switches over to operate a
    - GRUNDIG digital receiver,
    - GRUNDIG digital receiver with hard disk (PDR),
    - GRUNDIG DVD player.
    - GRUNDIG DVD recorder or GRUNDIG AV receiver.
- Press »M« until the displays »DVB«, »DVD« or »AMP« lights up. Then make the selection.
- If you do not press a button within 10 seconds, the remote control returns to television mode (»TV«).
- You can change this programming, see page 49.

## OVERVIEW

### The remote control – Main functions



### Moving the cursor

-  Moves the cursor up and down in the menus.
-  Moves the cursor to the left and right in the menus.
- OK** Opens the channel list; Activates various functions.

## OVERVIEW

### The remote control – All functions

<b>16:9</b>	Selects the split screen function in teletext mode.	● (yellow) ■	Freeze-frame; Selects a page in teletext mode; Activates various functions. Ends playback in the file browser;
<b>0 FAV</b>	Opens the channel list favourites.		Ends recording or playback in the PVR mode;
<b>REPEAT</b>	Selects subpages in teletext mode; Selects the repeat function in the file browser.		Time shift during live signal (in digital TV operation, only via external data media).
<b>EPG/A-B</b>	Opens the electronic TV guide; Reveals answers in teletext mode; Repeats a selection of a recorded programme.	● (blue) ►►	Selects a page in teletext mode; Activates various functions. Starts the forward picture search in the file browser; Opens the recorded list.
<b>DOUBLE</b>	Enlarges the picture; Switches to double character size in teletext mode.	<b>TXT</b> ◀◀	Selects the next track/ the next picture in the file browser.
<b>←</b>	Switches back one menu level.	Ⓜ ►►	Page hold in teletext mode; Selects the previous track/ the previous picture in the file browser;
<b>i</b>	Displays the number and name of a station as well as station information.		Starts recording (in digital TV operation, recording only via external data media).
● (red) ►	Selects a page in teletext mode; Activates various functions. Starts playback in the file browser and switches to playback pause; Start playback in the file browser;	□	Selects different subtitles (in digital TV mode).
● (green) ◀◀	Selects a page in teletext mode; Activates various functions. Starts the reverse picture search in the file browser.	🔊	Selects different languages (in digital TV mode); Refreshes a teletext page;

## CONVENIENCE FUNCTIONS

### Setting the date and time

#### Automatic setting

Your television set detects the difference in time to Greenwich Mean Time (GMT) automatically, as long as the channel selected transmits a time signal.

- 1 Select the line »Time Adjustment« with »V«, then select the option »Manual« with »◀« or »▶«.  
– The lines »Time Zone« and »Daylight Saving« are active.
- 2 Select the line »Time Zone« with »V« and press »●« to confirm.  
– The »Select Time Zone« menu appears.
- 3 Select the appropriate time zone with »◀«, »▶«, »V« or »▲« and press »●« to confirm.
- 4 Select the line »Daylight Saving« with »V« and use »◀« or »▶« to set the option »Auto«, »Off« or »On«.
- 5 Press »i« to finish the setting.

#### Manual setting

You can also set the difference in time manually – for example, when the correct time is not detected automatically or does not correspond to local time for other reasons

- 1 Select the line »Date & Time« with »V« or »▲« and press »●« to confirm.
- 2 Select the line »Auto« with »V« or »▲« and press »●« to confirm.  
– Date and Time will be updated automatically;  
or
- 3 Select the input box with »V« or »▲«, enter the data for Date and Time with »1...0« and press »●« to confirm.

### Timer settings

#### Entering the switch-off time (sleep timer)

In the »Sleep Timer« menu you can enter a time for the television to switch off. After this time has elapsed, the television switches to standby mode.

- 1 Select the line »Sleep Timer« with »V« or »▲«.
- 2 Enter the switch-off time with »◀« or »▶«.

#### Note:

■ To switch off the function, use »◀« or »▶« to set the switch-off time to »Off«.

- 3 Press »i« to end the set-up.

#### Switch-on timer

In the »Auto On« menu you can enter a switch-on time for the television. After the preset time has elapsed, the television switches on from standby – at the preselected volume and the preselected television channel.

- 1 Select the line »Auto On« with »V« or »▲« and press »●« to confirm.
- 2 Select the line »Mode« with »V« or »▲« and use »◀« or »▶« to select when the television should switch on.
- 3 Select the line »Input Source« with »V« or »▲« and use »◀« or »▶« to select the input source.
- 4 Select the line »Service Type« with »V« or »▲« and use »◀« or »▶« to select the preferred option (ATV, DTV, Radio or DATA).
- 5 Select the line »Channel« with »V« or »▲« and use »◀« or »▶« to select the preferred channel.

#### Note:

■ The line »Channel« is only active when the input signal currently in use has been set. If no entry has been made, then the first channel of the selected input source will be used.

## CONVENIENCE FUNCTIONS

- 6 Select the line »Volume« with »V« or »A« and use »◀« or »▶« to set the volume.

- 7 Select the line »Set Hour« with »V« or »A« and enter the time with »1...0«.

- 8 Save the data with »■« (green).

### Note:

- You can abort the entry by pressing »■« (red).

- 9 Press »i« to end the setting.

### Switch-off timer

In the »Auto Off« menu, you can enter a time for the television to switch off. After this time has elapsed, the television switches to standby mode.

- 1 Select the line »Auto Off« with »V« or »A« and press »●« to confirm.

- 2 Select the line »Mode« with »V« or »A« and use »◀« or »▶« to set the preferred mode.

- 3 Select the line »Set Hour« with »V« or »A« and enter the time with »1...0«.

- 4 Save the data with »■« (green).

### Note:

- You can abort the entry by pressing »■« (red).

- 5 Press »i« to end the setting.

### Automatic switch-off (Auto Sleep)

If this function is activated, the television switches to standby after 5 minutes if no video signal is broadcast.

- 1 Select the line »Auto Sleep« with »V« or »A«.

- 2 Activate the function with »◀« or »▶« (»On«).

### Note:

- To switch off the function, use »◀« or »▶« to select the setting »Off«.

- 3 Press »i« to end the setting.

## Parental control settings

### Authorising programmes

There are films which may be wholly or partially unsuitable for children.

These programmes contain information which marks the content or scenes with access levels of 4 to 18. You can select one of the access levels, thereby authorising playback.

- 1 Select the line »Parental Guidance« with »V« or »A« and press »●« to confirm.

- 2 Enter the PIN code »1234« with »1 ... 0«.

- 3 Select the access level with »◀« or »▶«.

- 4 Press »i« to end the setting.

### Locking menus

This function allows you to lock the »Automatic Channel Search«, »Digital Manual Tuning«, »Antenna Settings« and »Program Table« menus so that they can be only accessed by entering a PIN code.

- 1 Select »Menu Lock« with »V« or »A«.

- 2 Enter the PIN code »1234« with »1 ... 0«.

- 3 Activate the lock with »◀« or »▶« (»On«).

### Note:

- To switch off the menu lock, use »◀« or »▶« to select the setting (»Off«).

- 4 Press »i« to end the setting.

### Locking keys (Parental lock)

When the key lock is activated, the buttons on the television set do not function.

- 1 Select the line »Keypad Lock« with »V« or »A«.

- 2 Enter the PIN code »1234« with »1 ... 0«.

- 3 Activate (On) or deactivate (Off) the key lock with »◀« or »▶«.

- 4 Press »i« to end the setting.

## CONVENIENCE FUNCTIONS

### Changing the PIN code

You can also enter a personal PIN code instead of the default code »1234«. Please take note of your own PIN code.

- 1 Select »Set PIN« with »V« or »A« and press »●« to confirm.

- 2 Enter the current PIN code 1 2 3 4 with »1 ... 0«.

- 3 Enter your new four digit PIN code with »1 ... 0«.

- 4 Enter your new four digit PIN code with »1 ... 0« again.

- 5 Press »i« to end the setting.

### Locking television channels

You can lock individual television channels, for example channels unsuitable for children, using a personal PIN code.

- 1 Open the menu with »i«.

- 2 Select the »SOURCE SETUP« menu with »V« or »A« and press »●« to confirm.

- 3 Select the line »Program Table« with »V« or »A« and press »●« to confirm.  
– The »PROGRAM TABLE« menu is displayed.

- 4 In the »PROGRAM TABLE« menu, switch over to the list view with »■« (yellow).

- 5 Select the channel to be locked with »V« or »A«.

- 6 Select the column »Lock« with »◀« or »▶« and press »●« to lock the channel.

- 7 Enter the PIN code »1234« with »1 ... 0«.  
– The channel is marked using »✓«.

### Note:

- To remove the lock, select the channel again with »V« or »A«, press »●« to confirm and then enter the PIN code 1 2 3 4 using »1 ... 0«.

- 8 Press »i« to end the setting.

### Note – Parental control:

Instead of the PIN Code **2356**, you can enter a new personal code.

### Updating software

(for digital channels only)

- 1 In the »SETTINGS« menu, select the line »Check For Updates updates« with »V« or »A« and press »●« to confirm.  
– A search for new software will be made and – if available – it will be installed.

### Note:

- If a search for software updates should be made automatically, select the line »Automatic OAD« with »V« or »A« and use »◀« or »▶« to select the option »On«.  
– The software will be updated automatically as far as possible.

- 2 Press »i« to end the setting.

### Restoring the television to the default settings

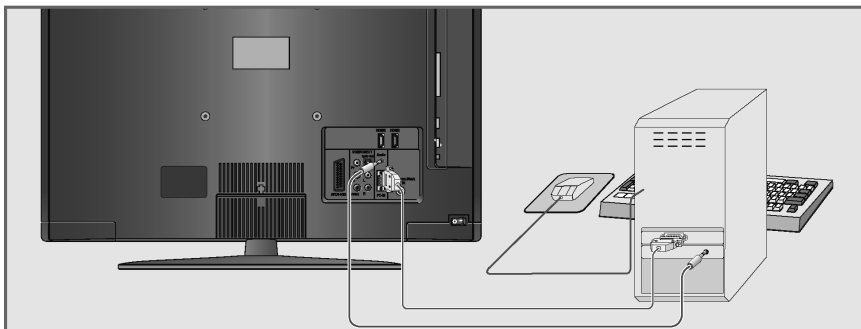
This function allows you to delete the channel lists and all custom settings.

- 1 In the »SETTINGS« menu, select the line »Restore Factory Defaults« with »V« or »A« and press »●« to confirm.

- 2 Press »■« (green) to confirm the warning message.  
– The »Source Setup« menu appears.

- 3 Continue the settings with the chapter "Initial set-up and tuning television channels" on page 14.

## OPERATION AS A PC MONITOR



### Connecting a PC

- 1 Connect the »PC-IN« socket on the television to the corresponding socket on the PC using a VGA cable (video signal).
- 2 Connect the »Audio« socket on the television to the corresponding socket on the PC using a suitable cable (audio signal).

#### Note:

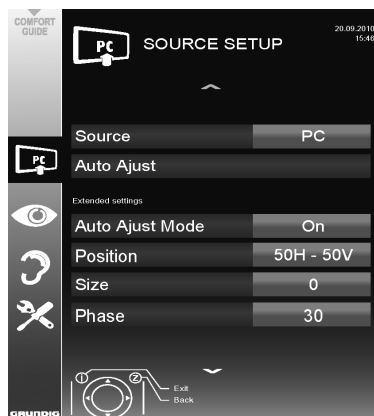
- Adjust your PC to the monitor (for example, picture resolution 1280 x 768, picture frequency 60 Hz).

### Selecting presets for the PC

- 1 Press »AV« and use »V«, »A«, »<« or »>« to select the preset »PC« and press »●« to confirm.

### Settings for PC mode

- 1 Open the menu with »i«.
- 2 Select the »SOURCE SETUP« menu item with »V« or »A« and press »●« to confirm.  
– The »SOURCE SETUP« menu appears.
- 3 Select the function or setting with »V« or »A«, and then use »V«, »A« or »<«, »>« to implement it.



#### Options:

- »Auto Ajust« for automatic PC configuration.
- »Auto Ajust Mode«, select the option »On« if the configuration should be implemented automatically in PC mode.
- »Position« to configure the horizontal and vertical picture position.
- »Size« to set the cycle frequency.
- »Phase« to eliminate flicker, unfocused pictures or horizontal interference.

- 4 Press »i« to end the setting.

## INFORMATION

### Displaying signal information

(for digital channels only)

- 1 Open the menu with »i«.
- 2 Select the line »SOURCE SETUP« with »V« or »A« and press »●« to confirm.
- 3 Select the line »Signal Information« with »V« or »A« and press »●« to confirm.  
– Information on the channel, network, modulation, symbol rate, quality and signal strength is displayed.

#### Notes:

- The signal information changes in accordance with the current input source.
- The signal properties are displayed in the lower section of the menu. The further the bars for »Quality« and »Signal Strength« extend to the right, the better the reception signal.
- The signal level not only depends on your receiver system, but also on the channel which is currently active. Remember this when aligning your antenna based upon the signal level display.

- 4 Press »i« to close the menu.

### Pre-programming the remote control for other GRUNDIG devices

- »DVB« has been pre-programmed for operating a GRUNDIG digital receiver (remote control level 1).
- »DVD« has been pre-programmed for operating a GRUNDIG DVD player.
- »AMP« has been pre-programmed for operating a GRUNDIG AV receiver.
- The functions available depend on the model of the device you are using. Just try it out.

### Changing the pre-programming of the remote control


- 1 Press and hold »M« and simultaneously enter the three numbers of the corresponding code:

- »1«, »2«, »3« for a GRUNDIG DVD player.
- »4«, »5«, »6« for a GRUNDIG DVD recorder.
- »1«, »4«, »7« for a GRUNDIG digital receiver (remote control level 1).
- »2«, »5«, »8« for a GRUNDIG digital receiver (remote control level 2).
- »3«, »6«, »9« for a GRUNDIG digital receiver with a hard disk (PDR).



## Service- und Sonderfunktionen

### Tastenfunktionen TP3 (RC23)

- i (M) Aufrufen/Beenden des COMFORT GUIDE /  
Beenden des Service Mode
- ^ v Menü-Zeile (Menüpunkt) wählen
- ⊙ (OK) Aufrufen der Menüs
- < > Wert ändern
- Z (  ) Untermenü: Zurück zum Hauptmenü

### Service-Mode aktivieren

- Taste i (Info) drücken.
- Zahlenfolge **8500** eingeben.


### Service-Mode beenden

- Taste i drücken.

### 1. Grundeinstellwerte

## Service and Special Functions

### Functions of the buttons

- i (M) Call up/exit the COMFORT GUIDE /  
exit the Service Mode
- ^ v Call up the dialogue line (point of menu)
- ⊙ (OK) Call up the Menus
- < > Changing the settings
- Z (  ) Submenu: Back to main menu

### Calling up the Service Mode

- Press button i (Info).
- Enter the code number **8500**.

### Exit the Service Mode

- Press button i.

### 1. Basic Settings

Menü Menu ^ v	Menüpunkt Point of Menu ● (OK)	Einstellung Adjustment < >	19VLC 2100 C	19VLE 2101 T2	19VLE 2102 C	22VLC 2103 C	22VLE 2100 DVD	22VLE 2101 DVD T2	22VLE 2102 C	22VLE 4100 T2	22VLE 7151 C	22VLE 7181 C	22VLE 8102 C	22VLE 8103 C
System Configuration	TV Mode	Customer Factory	X	X	X	X	X	X	X	X	X	X	X	X
	HDCP Verify		prüft HDCP im EEPROM / verifies HDCP in EEPROM											
	Debug Mode	On/Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off
	Plug Play	On	ATS Reset: Netz ein → Automatischer Sendersuchlauf / Power on → automatic programme search											
	ATS	On/Off	On	On	On	On	On	On	On	On	On	On	On	On
	SRS	On/Off	On	On	On	On	On	On	On	On	On	On	On	On
	Blue Back	On/Off	On	On	On	On	On	On	On	On	On	On	On	On
	Hotel	On/Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off
	CI Key Verify		prüft CI Key / verifies CI Key											
	ATV	Avail/Navail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail
Source Configuration Code 2356	Air	Avail/Navail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail
	Cable	Avail/Navail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail
	USB	Avail/Navail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail
	PC	Avail/Navail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail
	HDMI1	Avail/Navail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail
	HDMI2	Avail/Navail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail
	HDMI3	Avail/Navail	Navail	Navail	Navail	Navail	Navail	Navail	Navail	Navail	Navail	Navail	Navail	Navail
	HDMI4	Avail/Navail	Navail	Navail	Navail	Navail	Navail	Navail	Navail	Navail	Navail	Navail	Navail	Navail
	AV1 (Scart)	Avail/Navail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail
	AV2	Avail/Navail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail
	Component	Avail/Navail	Avail	Avail	Avail	Navail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail
	S-VHS (Scart)	Avail/Navail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail
	DVD	Avail/Navail	Navail	Navail	Navail	Navail	Avail	Avail	Navail	Navail	Navail	Navail	Navail	Navail
TV Configuration Code 2356	Tuner		Eingebauten Tuner wählen / Select used tuner											
	DVB T2	On/Off	Off	On	Off	Off	Off	On	Off	On	Off	Off	Off	Off
	OSD Selection	Grundig	Grundig	Grundig	Grundig	Grundig	Grundig	Grundig	Grundig	Grundig	Grundig	Grundig	Grundig	Grundig
	USB Recording	On/Off	Off	On	Off	On	Off	Off	Off	On	On	On	On	On
	Remote Control		Fernbedienung wählen / Select used remote control											
	Keypad	6 Button + 1 STD, 3 Button + 1 STD, 1 STD, Joystick	3 Button + 1 STD	3 Button + 1 STD	3 Button + 1 STD	3 Button + 1 STD	3 Button + 1 STD	3 Button + 1 STD	3 Button + 1 STD	3 Button + 1 STD	3 Button + 1 STD	3 Button + 1 STD	3 Button + 1 STD	3 Button + 1 STD
	L	On/Off	On	On	On	On	On	On	On	On	On	On	On	On
	MEMC	On/Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off
	7 Segment Display	On/Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off
	Eco TV	On/Off	On	On	On	On	On	On	On	On	On	On	On	On
	Line Out	On/Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off
	Headphone	On/Off	On	On	On	On	On	On	On	On	On	On	On	On
	Shop Mode	On/Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off
	3D TV	On/Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off
	CEC	On/Off	Off	On	On	On	Off	On	On	On	On	On	On	On
	Output Power	19"-22" (3W) 26"-32" Low (5W) 26" (7W) 32" (10W)	19"-22" (3W)	19"-22" (3W)	19"-22" (3W)	19"-22" (3W)	19"-22" (3W)	19"-22" (3W)	19"-22" (3W)	19"-22" (3W)	19"-22" (3W)	19"-22" (3W)	19"-22" (3W)	19"-22" (3W)
	Cabin Option	1...7	1	1	2	4	1	1	1	1	1	5	6	7
	Hidev Mono	On/Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off
	Optic Out	On/Off	Off	Off	Off	On	Off	Off	Off	Off	Off	Off	Off	Off
EMC Adjustments Code 2356	AGC VHF	0...15	9	9	9	9	9	9	9	9	9	9	9	9
	AGC SECAM VHF	0...15	10	10	10	10	10	10	10	10	10	10	10	10
	AGC UHF	0...15	10	10	10	10	10	10	10	10	10	10	10	10
	AGC SECAM UHF	0...15	10	10	10	10	10	10	10	10	10	10	10	10
	AGC LPrime	0...15	10	10	10	10	10	10	10	10	10	10	10	10
	Satellite IF Settings													
	SSC Configuration													

Alle weiteren Menüs werden über die Gerätesoftware programmiert und dürfen nicht verstellt werden.  
All other menus are programmed by the software of the set and must not be adjusted.

Menü Menu ^ v	Menüpunkt Point of Menu ● (OK)	Einstellung Adjustment < >	22 VLE 811 C	26 GLX 3102 C	26 VLC 3100 C	26 VLC 4102 T2	26 VLC 4112 C	32 GLX 3102 C	32 VLC 3100 C	32 VLC 4102 T2	32 VLC 4112 C	32 VLC 6110 C	32 VLC 6121 C	32 VLC 6123 T2
System Configuration	TV Mode	Customer Factory	X	X	X	X	X	X	X	X	X	X	X	X
	HDCP Verify		prüft HDCP im EEPROM / verifies HDCP in EEPROM											
	Debug Mode	On/Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off
	Plug Play	On Off	ATS Reset: Netz ein → Automatischer Sendersuchlauf / Power on → automatic programme search											
	ATS	On/Off	On	On	On	On	On	On	On	On	On	On	On	On
	SRS	On/Off	On	On	On	On	On	On	On	On	On	On	On	On
	Blue Back	On/Off	On	Off	On	On	Off	Off	On	On	Off	On	On	On
	Hotel	On/Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off
Source Configuration Code 2356	CI Key Verify		prüft CI Key / verifies CI Key											
	ATV	Avail/Navail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail
	Air	Avail/Navail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail
	Cable	Avail/Navail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail
	USB	Avail/Navail	Avail	Navail	Avail	Avail	Navail	Navail	Avail	Avail	Navail	Avail	Avail	Avail
	PC	Avail/Navail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail
	HDMI1	Avail/Navail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail
	HDMI2	Avail/Navail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail
	HDMI3	Avail/Navail	Navail	Navail	Avail	Avail	Navail	Navail	Avail	Avail	Navail	Avail	Avail	Avail
	HDMI4	Avail/Navail	Navail	Navail	Navail	Navail	Navail	Navail	Navail	Navail	Navail	Navail	Navail	Navail
	AV1 (Scart)	Avail/Navail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail
	AV2	Avail/Navail	Avail	Navail	Avail	Avail	Navail	Navail	Avail	Avail	Navail	Avail	Avail	Avail
	Component	Avail/Navail	Avail	Navail	Avail	Avail	Navail	Navail	Avail	Avail	Navail	Avail	Avail	Avail
	S-VHS (Scart)	Avail/Navail	Avail	Navail	Navail	Navail	Navail	Navail	Avail	Avail	Navail	Avail	Avail	Avail
	DVD	Avail/Navail	Navail	Navail	Navail	Navail	Navail	Navail	Navail	Navail	Navail	Navail	Navail	Navail
TV Configuration Code 2356	Tuner		Eingebauten Tuner wählen / Select used tuner											
	DVB-T2	On/Off	Off	Off	Off	On	Off	Off	Off	On	Off	Off	Off	On
	OSD Selection	Grundig	Grundig	Grundig	Grundig	Grundig	Grundig	Grundig	Grundig	Grundig	Grundig	Grundig	Grundig	Grundig
	USB Recording	On/Off	On	Off	Off	On	Off	Off	Off	On	Off	Off	On	On
	Remote Control		Fernbedienung wählen / Select used remote control											
	Keypad	6 Button + 1 STD, 3 Button + 1 STD, 1 STD, Joystick	3 Button + 1 STD	1 STD	6 Button + 1 STD	6 Button + 1 STD	1 STD	6 Button + 1 STD	6 Button + 1 STD	6 Button + 1 STD	6 Button + 1 STD	6 Button + 1 STD	6 Button + 1 STD	6 Button + 1 STD
	L	On/Off	On	On	On	On	On	On	On	On	On	On	On	On
	MEMC	On/Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off
	7 Segment Display	On/Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off
	Eco TV	On/Off	On	On	On	On	On	On	On	On	On	On	On	On
	Line Out	On/Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off
	Headphone	On/Off	On	Off	On	On	Off	Off	On	On	Off	On	On	On
	Shop Mode	On/Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off
	3D TV	On/Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off
	CEC	On/Off	On	On	On	On	On	On	On	On	Off	On	On	On
	Output Power	19"-22" (3W) 26"-32" Low (5W) 26" (7W) 32" (10W)	19"-22" (3W)	26"-32" Low (5W)	26" (7W)	26" (7W)	26" (7W)	32" (10W)	32" (10W)	32" (10W)	26"-32" Low (5W)	32" (10W)	32" (10W)	32" (10W)
	Cabin Option	1...7	3	1	8	1	9	10	1	1	1	1	1	1
	Hidev Mono	On/Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off
	Optic Out	On/Off	Off	Off	On	On	Off	Off	On	On	Off	On	On	On
EMC Adjustments Code 2356	AGC VHF	0...15	9	9	9	9	9	9	9	9	9	9	9	9
	AGC SECAM VHF	0...15	10	10	10	10	10	10	10	10	10	10	10	10
	AGC UHF	0...15	10	10	10	10	10	10	10	10	10	10	10	10
	AGC SECAM UHF	0...15	10	10	10	10	10	10	10	10	10	10	10	10
	AGC LPrime	0...15	10	10	10	10	10	10	10	10	10	10	10	10
	Satellite IF Settings													
	SSC Configuration													

Alle weiteren Menüs werden über die Gerätesoftware programmiert und dürfen nicht verstellt werden.

All other menus are programmed by the software of the set and must not be adjusted.

Menü Menu ^ v	Menüpunkt Point of Menu ● (OK)	Einstellung Adjustment < >	32 VLC 7110 C	32 VLE 4140 C	32 VLE 7130 BM	32 VLE 7131 BF	37 GLX 3103 T2	37 VLC 6110 C	37 VLC 9142 C	40 VLE 7130 BM	40 VLE 7131 BF	42 VLC 6121 C	42 VLC 9142 T2	46 VLE 7130 BM
System Configuration	TV Mode	Customer Factory	X	X	X	X	X	X	X	X	X	X	X	X
	HDCP Verify		prüft HDCP im EEPROM / verifies HDCP in EEPROM											
	Debug Mode	On/Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off
	Plug Play	On Off	ATS Reset: Netz ein → Automatischer Sendersuchlauf / Power on → automatic programme search											
	ATS	On/Off	On	On	On	On	On	On	On	On	On	On	On	On
	SRS	On/Off	On	On	On	On	On	On	On	On	On	On	On	On
	Blue Back	On/Off	On	On	On	On	On	On	On	On	On	On	On	On
	Hotel	On/Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off
Source Configuration Code 2356	CI Key Verify		prüft CI Key / verifies CI Key											
	ATV	Avail/Navail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail
	Air	Avail/Navail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail
	Cable	Avail/Navail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail
	USB	Avail/Navail	Avail	Avail	Avail	Avail	Navail	Avail	Avail	Avail	Avail	Avail	Avail	Avail
	PC	Avail/Navail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail
	HDMI1	Avail/Navail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail
	HDMI2	Avail/Navail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail
	HDMI3	Avail/Navail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail
	HDMI4	Avail/Navail	Navail	Navail	Avail	Avail	Navail	Navail	Avail	Avail	Avail	Navail	Avail	Avail
	AV1 (Scart)	Avail/Navail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail
	AV2	Avail/Navail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail
	Component	Avail/Navail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail
	S-VHS (Scart)	Avail/Navail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail	Avail
TV Configuration Code 2356	DVD	Avail/Navail	Navail	Navail	Navail	Navail	Navail	Navail	Navail	Navail	Navail	Navail	Navail	Navail
	Tuner		Eingebauten Tuner wählen / Select used tuner											
	DVB-T2	On/Off	Off	Off	On	Off	On	Off	Off	On	Off	Off	On	On
	OSD Selection	Grundig	Grundig	Grundig	Grundig	Grundig	Grundig	Grundig	Grundig	Grundig	Grundig	Grundig	Grundig	Grundig
	USB Recording	On/Off	Off	Off	On	On	Off	Off	On	On	On	On	On	On
	Remote Control		Fernbedienung wählen / Select used remote control											
	Keypad	6 Button + 1 STD, 3 Button + 1 STD, 1 STD, Joystick	6 Button + 1 STD	6 Button + 1 STD	6 Button + 1 STD	6 Button + 1 STD	6 Button + 1 STD	6 Button + 1 STD	6 Button + 1 STD	6 Button + 1 STD	6 Button + 1 STD	6 Button + 1 STD	6 Button + 1 STD	6 Button + 1 STD
	L	On/Off	On	On	On	On	On	On	On	On	On	On	On	On
	MEMC	On/Off	On	Off	On	On	Off	Off	On	On	On	Off	On	On
	7 Segment Display	On/Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off
	Eco TV	On/Off	On	On	On	On	On	On	On	On	On	On	On	On
	Line Out	On/Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off
	Headphone	On/Off	On	On	On	On	On	On	On	On	On	On	On	On
	Shop Mode	On/Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off
	3D TV	On/Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off
	CEC	On/Off	On	On	On	On	On	On	On	On	On	On	On	On
	Output Power	19"-22" (3W) 26"-32" Low (5W) 26" (7W) 32" (10W)	32" (10W)	32" (10W)	32" (10W)	32" (10W)	32" (10W)	32" (10W)	32" (10W)	32" (10W)	32" (10W)	32" (10W)	32" (10W)	32" (10W)
	Cabin Option	1...7	1	1	1	1	1	1	1	1	1	1	1	1
	Hidev Mono	On/Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off
	Optic Out	On/Off	On	On	On	On	On	On	On	On	On	On	On	On
EMC Adjustments Code 2356	AGC VHF	0...15	9	9	9	9	9	9	9	9	9	9	9	9
	AGC SECAM VHF	0...15	10	10	10	10	10	10	10	10	10	10	10	10
	AGC UHF	0...15	10	10	10	10	10	10	10	10	10	10	10	10
	AGC SECAM UHF	0...15	10	10	10	10	10	10	10	10	10	10	10	10
	AGC LPrime	0...15	10	10	10	10	10	10	10	10	10	10	10	10
	Satellite IF Settings													
	SSC Configuration													

Alle weiteren Menüs werden über die Gerätesoftware programmiert und dürfen nicht verstellt werden.

All other menus are programmed by the software of the set and must not be adjusted.

## 2. Software-Versionsnummer

Die Software-Versionsnummer wird unten im Menü Einstellungen und im Service Menü angezeigt.

z.B.: TFGRMR.-.-.-.V01.024.00

## 2. Software Version Number

The software version number is shown on the lower part of the options menu and the service menu.

e.g.: TFGRMR.-.-.-.V01.024.00

# Platinenabbildungen und Schaltpläne / Layout of PCBs and Circuit Diagrams

## Chassisplatte / Chassis Board VPZ190R-4

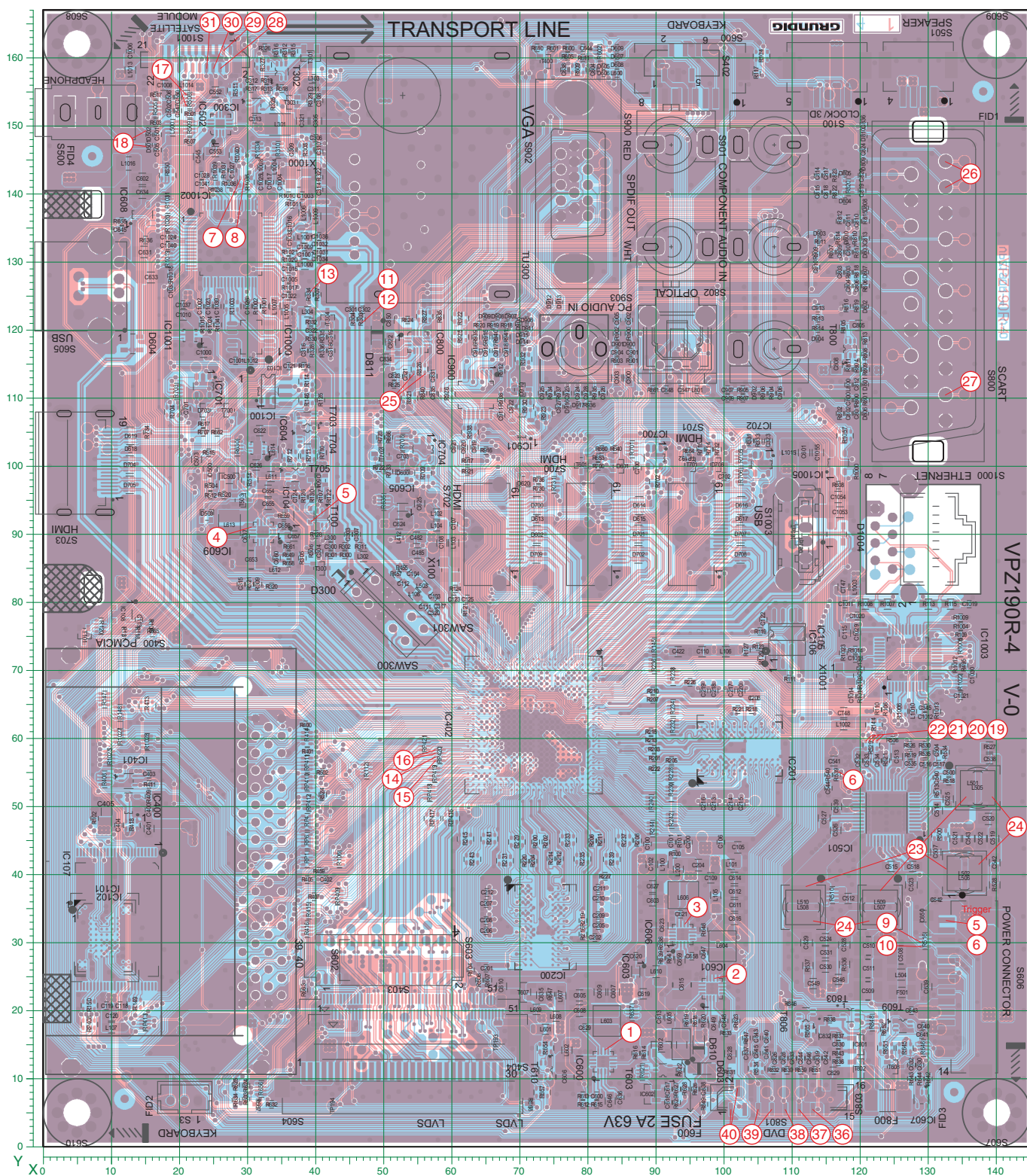
POS.	X	Y	POS.	X	Y	POS.	X	Y	POS.	X	Y	POS.	X	Y	POS.	X	Y	POS.	X	Y														
C100	T	89	45	C512	T	118	37	C654	T	33	96	C1006	T	13	161	D903	T	114	134	L602	T	77	14	R222	T	90	56	R519	T	127	58			
C101	T	92	45	C513	T	125	57	C655	T	33	95	C1007	T	38	131	D904	T	114	119	L603	T	83	19	R226	T	95	68	R520	T	27	96			
C102	T	89	42	C514	T	131	49	C656	T	35	91	C1008	T	18	156	D905	T	70	121	L604	T	100	30	R227	T	83	40	R521	T	124	57			
C103	T	57	81	C515	T	125	41	C657	T	37	90	C1009	T	38	132	D906	T	71	122	L605	T	92	19	R228	T	92	55	R524	T	41	52			
C104	T	54	84	C516	T	130	56	C658	T	95	28	C1010	T	21	122	D907	T	68	122	L606	T	94	37	R229	T	70	45	R526	T	127	59			
C105	T	102	44	C517	T	132	56	C659	T	94	28	C1011	T	118	80	D908	T	67	122	L607	T	76	22	R230	T	92	52	R527	T	139	59			
C106	T	100	45	C518	T	128	41	C660	T	34	87	C1012	T	130	63	D909	T	65	122	L608	T	75	19	R231	T	68	42	R528	T	140	39			
C107	T	60	92	C519	T	140	45	C700	T	87	100	C1013	T	120	70	D910	T	70	111	L609	T	72	20	R232	T	93	62	R529	T	122	59			
C108	T	59	89	C520	T	139	48	C701	T	21	109	C1014	T	119	66	D911	T	71	120	L610	T	90	26	R233	T	77	45	R530	T	130	59			
C109	T	98	40	C521	T	134	45	C702	T	100	99	C1015	T	36	129	D912	T	74	124	L611	T	33	99	R234	T	93	65	R534	T	133	58			
C110	T	97	73	C522	T	138	45	C703	T	53	102	C1016	T	36	136	D913	T	76	124	L612	T	34	85	R235	T	79	42	R535	T	130	58			
C111	T	56	79	C523	T	128	39	C800	T	118	110	C1017	T	33	142	D914	T	70	118	L613	T	27	91	R236	T	90	71	R536	T	118	27			
C112	T	53	83	C524	T	115	31	C801	T	120	108	C1018	T	119	72	D915	T	70	119	L614	T	34	103	R237	T	85	45	R537	T	112	27			
C113	T	14	78	C525	T	133	51	C802	T	118	108	C1019	T	136	80	D916	T	77	109	L800	T	118	112	R238	T	93	69	R539	T	117	55			
C115	T	118	76	C526	T	116	47	C803	T	117	129	C1020	T	120	78	D917	T	79	109	L801	T	96	111	R239	T	84	42	R540	T	115	55			
C118	T	11	21	C527	T	115	48	C804	T	118	127	C1021	T	135	66	D1004	T	117	90	L1000	T	38	130	R240	T	89	51	R600	T	77	162			
C119	T	9	21	C528	T	118	30	C805	T	120	121	C1022	T	36	125				L1001	T	38	134	R241	T	66	45	R601	T	75	162				
C120	T	10	19	C529	T	112	30	C806	T	120	127	C1023	T	24	124	F501	T	126	23	L1002	T	118	62	R242	T	92	48	R602	T	82	161			
C121	T	36	115	C530	T	115	27	C807	T	118	132	C1024	T	18	134	F600	T	94	15	L1003	T	119	82	R243	T	63	42	R603	T	30	7			
C122	T	106	78	C531	T	115	29	C808	T	117	115	C1025	T	32	142	F800	T	124	7	L1004	T	34	144	R244	T	90	47	R604	T	63	26			
C123	T	60	81	C532	T	120	57	C809	T	117	132	C1026	T	30	124	IC100	T	33	111	L1005	T	36	123	R245	T	62	45	R605	T	77	160			
C124	T	37	96	C533	T	121	57	C810	T	120	136	C1027	T	28	144	IC101	T	9	31	L1006	T	38	137	R300	T	44	87	R606	T	64	25			
C125	T	62	81	C534	T	123	57	C811	T	118	136	C1028	T	23	143	IC102	T	9	31	L1007	T	34	124	R301	T	42	87	R607	T	65	25			
C200	T	95	45	C535	T	127	56	C812	T	120	112	C1029	T	120	76	IC103	T	33	111	L1008	T	32	144	R302	T	44	88	R608	T	117	97			
C201	T	65	26	C538	T	139	57	C813	T	121	134	C1030	T	137	69	IC104	T	38	93	L1009	T	40	137	R303	T	47	122	R609	T	79	158			
C202	T	81	31	C539	T	117	50	C814	T	114	143	C1031	T	41	131	IC105	T	109	75	L1010	T	128	64	R304	T	46	122	R610	T	73	162			
C203	T	104	66	C540	T	131	54	C815	T	114	140	C1032	T	41	133	IC106	T	109	75	L1012	T	31	116	R305	T	38	87	R611	T	79	160			
C204	T	96	41	C541	T	116	57	C817	T	115	143	C1033	T	36	134	IC107	T	11	33	L1013	T	13	158	R306	T	39	88	R612	T	79	6			
C205	T	82	33	C542	T	140	42	C818	T	115	140	C1034	T	41	130	IC108	T	12	78	L1014	T	21	156	R307	T	40	125	R613	T	79	8			
C206	T	65	32	C543	T	136	45	C819	T	120	141	C1035	T	19	126	IC200	T	73	32	L1015	T	110	102	R308	T	39	147	R614	T	88	14			
C207	T	65	36	C544	T	115	53	C820	T	120	143	C1036	T	41	134	IC201	T	102	58	L1016	T	13	145	R309	T	32	83	R615	T	81	6			
C208	T	65	33	C545	T	23	146	C821	T	53	113	C1037	T	21	124	IC300	T	31	153	R310	T	35	147	R310	T	35	147	R616	T	87	14			
C209	T	82	34	C546	T	117	25	C822	T	51	118	C1039	T	26	124	IC400	T	13	51	R100	T	93	43	R311	T	47	88	R617	T	24	106			
C210	T	82	37	C547	T	20	152	C823	T	52	113	C1040	T	18	132	IC401	T	13	54	R101	T	94	45	R312	T	36	161	R618	T	96	19			
C211	T	82	38	C549	T	113	24	C824	T	121	147	C1041	T	23	142	IC402	T	72	62	R102	T	8	48	R313	T	33	156	R619	T	95	19			
C212	T	65	37	C550	T	20	154	C826	T	108	13	C1053	T	117	93	IC500	T	27	99	R103	T	120	68	R315	T	37	161	R620	T	97	19			
C213	T	99	50	C552	T	25	155	C828	T	109	13	C1054	T	117	96	IC501	T	124	49	R104	T	106	160	R316	T	34	161	R621	T	88	11			
C214	T	101	50	C553	T	25	146	C829	T	116	11	C1055	T	114	102	IC502	T	26	150	R105	T	16	77	R317	T	31	156	R622	T	94	11			
C215	T	103	50	C600	T	81	8	C830	T	117	15					IC600	T	82	13	R106	T	44	42	R318	T	35	156	R623	T	102	19			
C216	T	97	50	C601	T	112	102	C831	T	57	113	CT47	T	118	82	IC601	T	98	23	R107	T	41	96	R319	T	33	157	R624	T	30	9			
C217	T	101	67	C602	T	15	142	C832	T	115	16	CT48	T	118	64				R108	T	124	64	R109	T	135	75	R320	T	34	82	R625	T	28	9
C218	T	99	67	C603	T	90	36	C833	T	110	13	D300	T	44	84	IC602	T	87	26	R110	T	123	64	R321	T	30	83	R626	T	96	9			
C219	T	97	67	C604	T	81	158	C834	T	50	116	D500	T	25	100	IC603	T	31	103	R111	T	110	69	R322	T	41	143	R627	T	93	9			
C220	T	103	67	C605	T	79	22	C835	T	57	111	D501	T	16	147	IC605	T	53	94	R112	T	48	55	R325	T	34	153	R628	T	94	9			
C300	T	42	88	C606	T	77	10	C836	T	121	150	D502	T	16	149	IC606	T	94	31	R122	T	48	55	R326	T	33	162	R629	T	93	7			
C301	T	45	123	C607	T	84	23	C837	T	103	14	D503	T	24	93				R113	T	130	80	R114	T	39	113	R327	T	32	159	R630	T	29	103
C302	T	47	123	C608	T	79	20	C838	T	97	9	D504	T	40	98	IC607	T	129	7	R115	T	133	80	R328	T	40	117	R631	T	101	11			
C303	T	45	90	C609	T	82	23	C839	T	114	13	D600	T	53	99	IC608	T	15	137	R116	T	38	115	R329	T	39	154	R632	T	34	6			
C304	T	41	88	C610	T	67	24	C840	T	106	16	D601	T	85	100	IC700	T	90	101	R117	T	105	158	R330	T	39	119	R633	T	100	17			
C305	T	40	151	C611	T	102	36	C841	T	106	14	D602	T	73	90	IC701	T	24	112	R118	T	14	76	R331	T	104	104	R634	T	28	7			
C306	T	40	148	C612	T	102	38	C842	T	115	13	D603	T	97	12				R119	T	105	76	R120	T	8	77	R332	T	39	121	R635	T	50	95
C307	T	46	90	C613	T	91	19	C843	T	105	16	D604	T	13	118	IC702	T	106	100	R121	T	62	79	R333	T	105	104	R636	T	15	133			
C308	T	41	154	C614	T	102	40	C844	T	111	13	D605	T	82	159	IC704	T	56	103	R122	T	42	96	R334	T	39	125							

POS.	X	Y	POS.	X	Y	POS.	X	Y	POS.	X	Y	POS.	X	Y	POS.	X	Y	POS.	X	Y			
R706	T	103 99	R847	T	103 16	R1013	T	131 64	S607	T	140 5	TP8	B	99 41	TP63	B	51 19	TP118	B	25 115	TP173	B	38 135
R707	T	24 105	R848	T	122 18	R1014	T	119 73	S608	T	5 162	TP9	B	64 18	TP64	B	91 16	TP119	B	86 58	TP174	B	22 124
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R709	T	56 99	R851	T	113 11	R1016	T	120 66	S610	T	5 5	TP11	B	50 14	TP66	B	45 32	TP121	B	135 111	TP176	B	74 107
R710	T	41 102	R859	T	111 11	R1017	T	36 126	S700	T	82 90	TP12	B	38 115	TP67	B	135 137	TP122	B	125 116	TP177	B	53 103
R711	T	39 102	R861	T	90 111	R1018	T	19 128	S701	T	97 90	TP13	B	40 112	TP68	B	101 32	TP123	B	135 118	TP178	B	49 137
R712	T	36 102	R865	T	112 17	R1019	T	18 130	S702	T	67 90	TP14	B	31 163	TP69	B	45 30	TP124	B	135 126	TP179	B	106 98
R714	T	98 103	R900	T	86 120	R1020	T	36 130	S703	T	6 101	TP15	B	27 10	TP70	B	47 12	TP125	B	125 132	TP180	B	27 142
R715	T	97 103	R901	T	86 116	R1021	T	36 132	S800	T	130 126	TP16	B	40 94	TP71	B	47 14	TP126	B	135 133	TP181	B	29 9
R722	T	49 100	R902	T	84 120	R1022	T	135 68	S801	T	109 7	TP17	B	84 37	TP72	B	47 34	TP127	B	125 135	TP182	B	40 25
R723	T	50 104	R903	T	84 116	R1023	T	118 73	S802	T	93 118	TP18	B	105 51	TP73	B	42 30	TP128	B	135 141	TP183	B	116 114
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R732	T	99 103	R906	T	106 111	R1026	T	18 136	S901	T	106 132	TP21	B	43 149	TP76	B	57 91	TP131	B	110 12	TP186	B	34 106
R733	T	51 99	R907	T	103 110	R1027	T	11 60	S902	T	78 142	TP22	B	64 49	TP77	B	12 133	TP132	B	121 9	TP187	B	104 10
R734	T	15 105	R908	T	67 110	R1028	T	15 60	S903	T	78 119	TP23	B	91 159	TP78	B	25 112	TP133	B	109 8	TP188	B	129 25
R736	T	73 98	R909	T	114 131	R1031	T	18 138	S1000	T	127 89	TP24	B	21 47	TP79	B	5 122	TP134	B	106 8	TP189	B	32 94
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**T:** Koordinaten für die Bauteile der Bestückungsseite / Coordinates of the Components on the component side  
**B:** Koordinaten für die Bauteile der Lötseite / Coordinates of the Components on the solder side

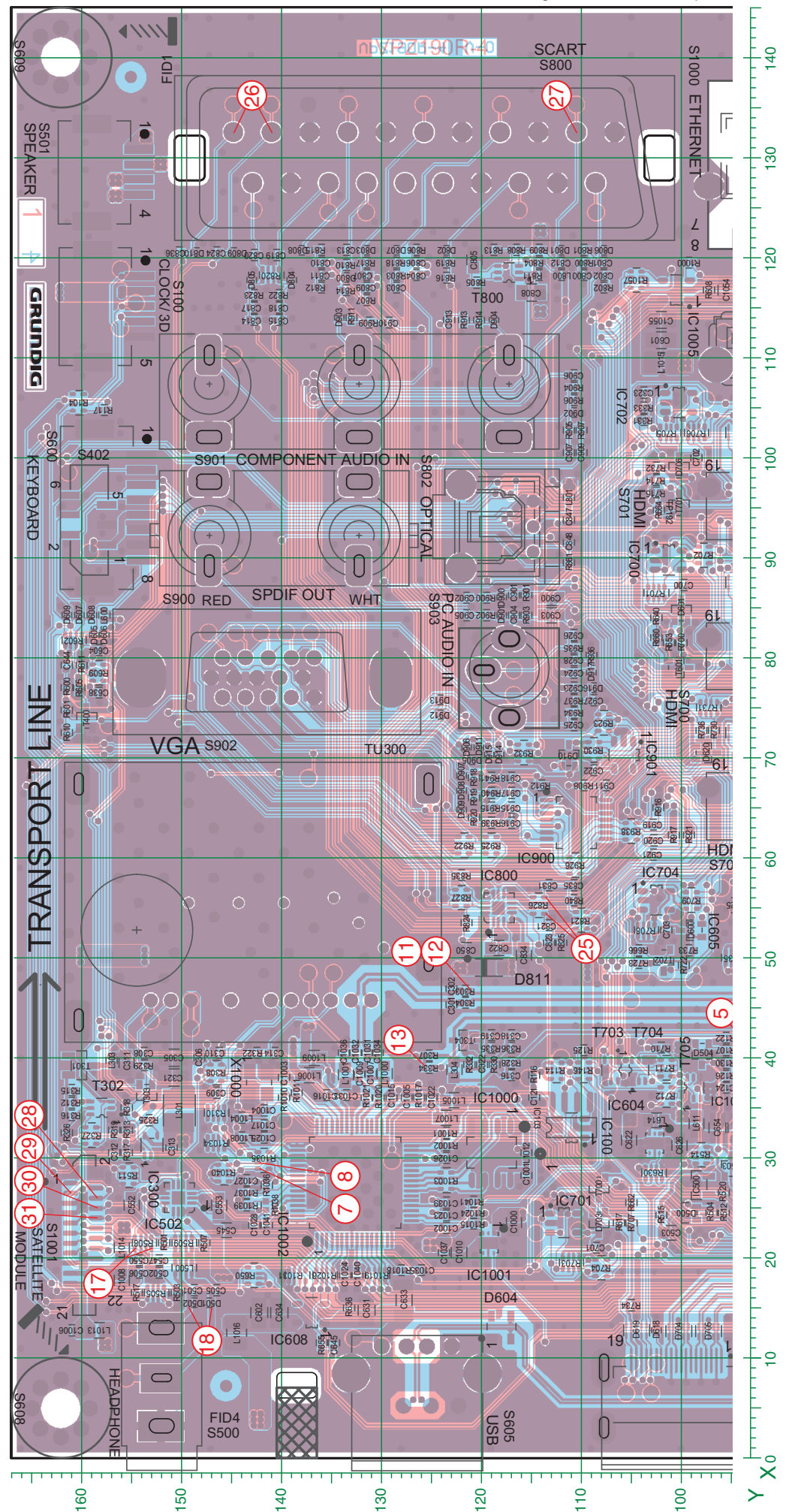


Ansicht von der Bestückungsseite / View of Component Side



## Chassisplatte / Chassis Board VPZ190R-4

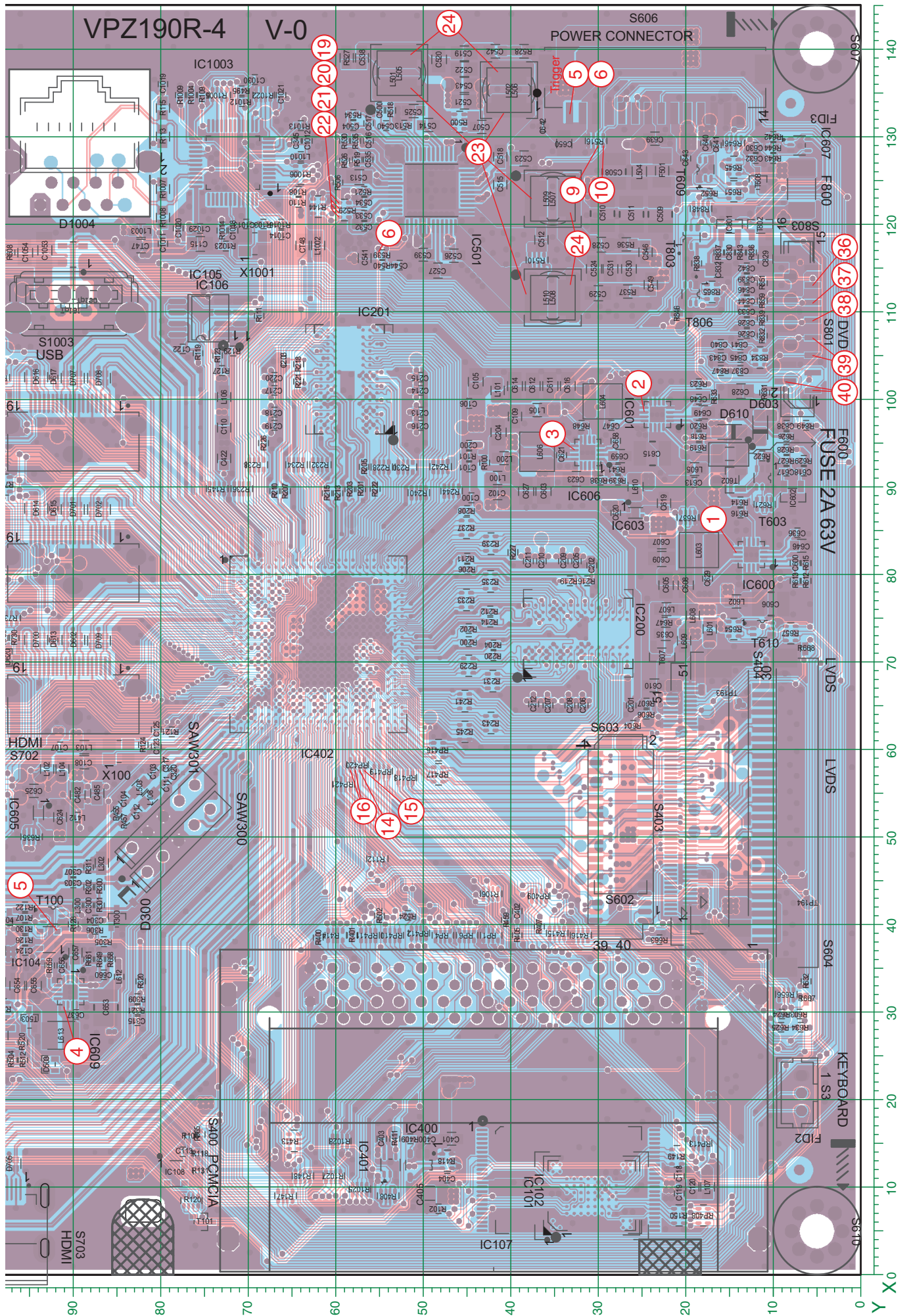
## Ansicht von der Bestückungsseite / View of Component Side





## Chassisplatte / Chassis Board VPZ190R-4

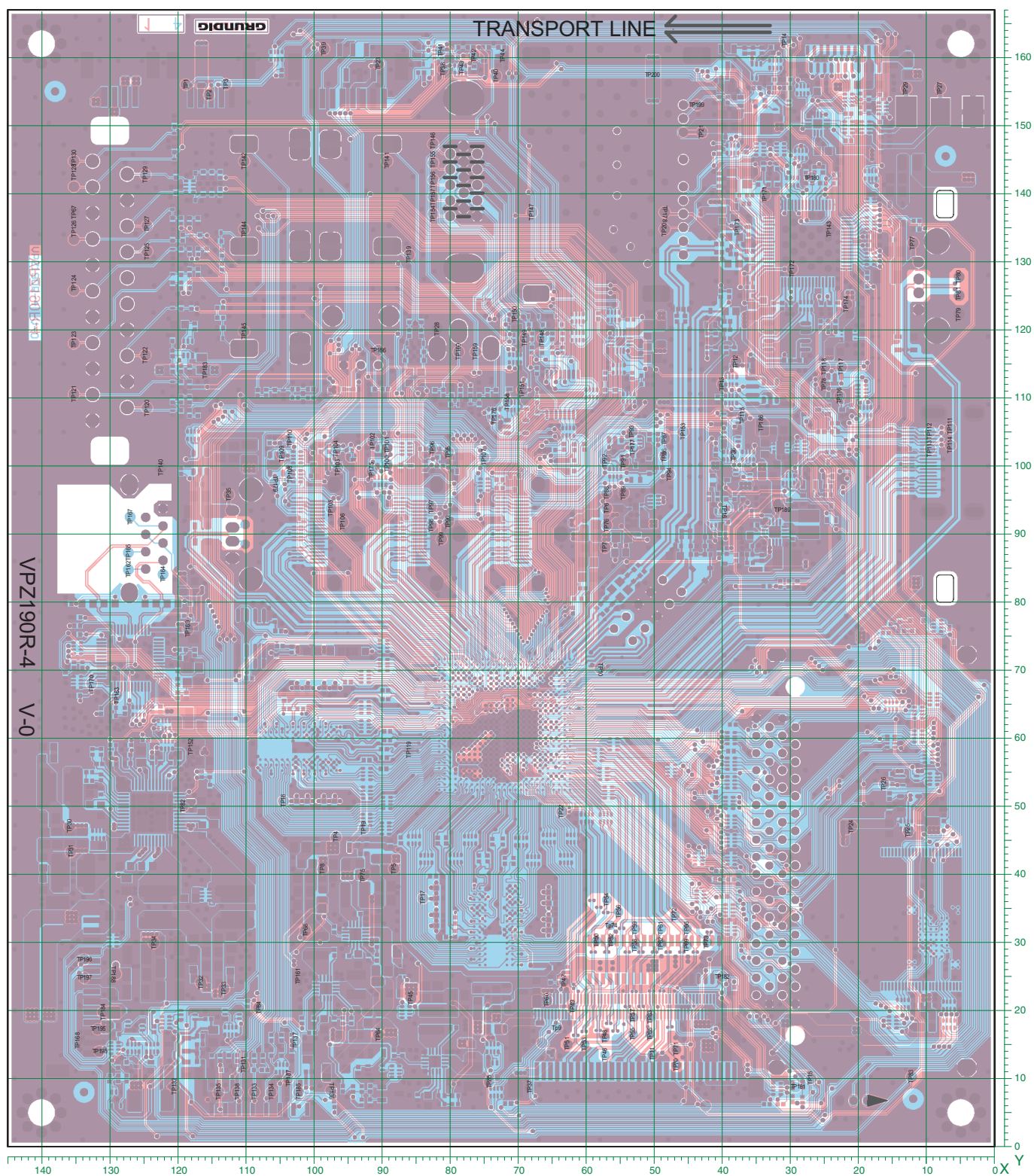
## Ansicht von der Bestückungsseite / View of Component Side





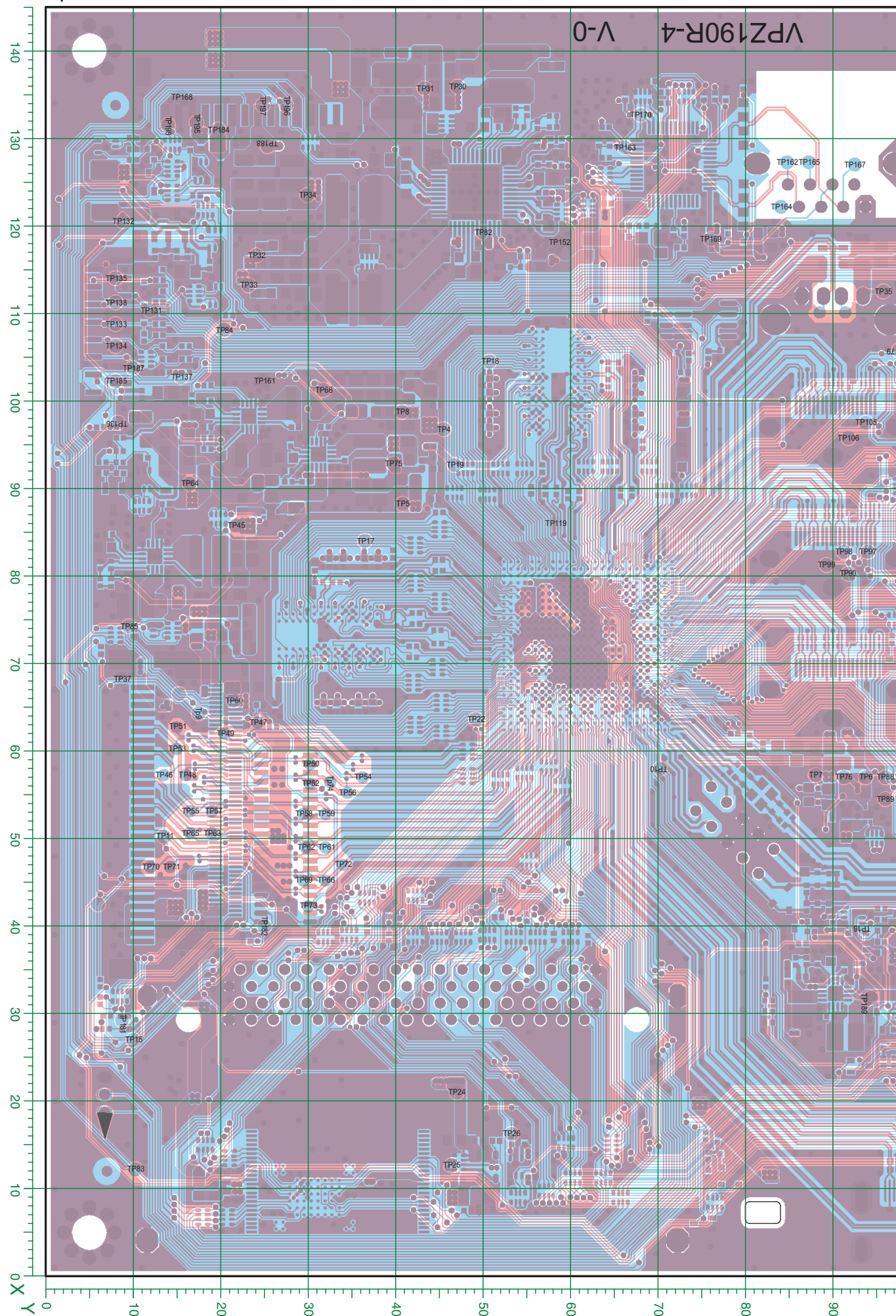
## Chassisplatte / Chassis Board VPZ190R-4

## Ansicht von der Lötseite / View of Solder Side



## Chassisplatte / Chassis Board VPZ190R-4

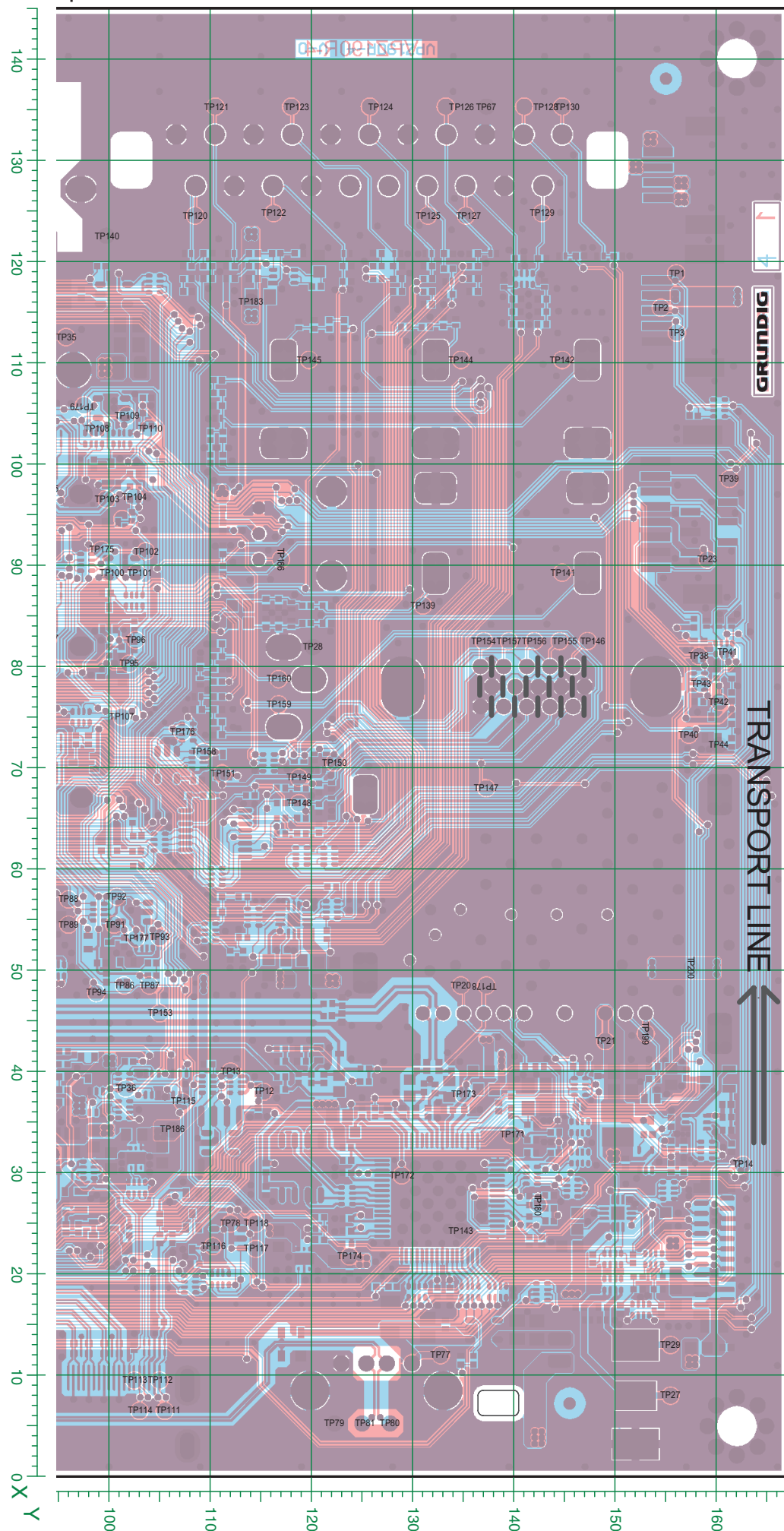
Ansicht von der Lötseite / View of Solder Side



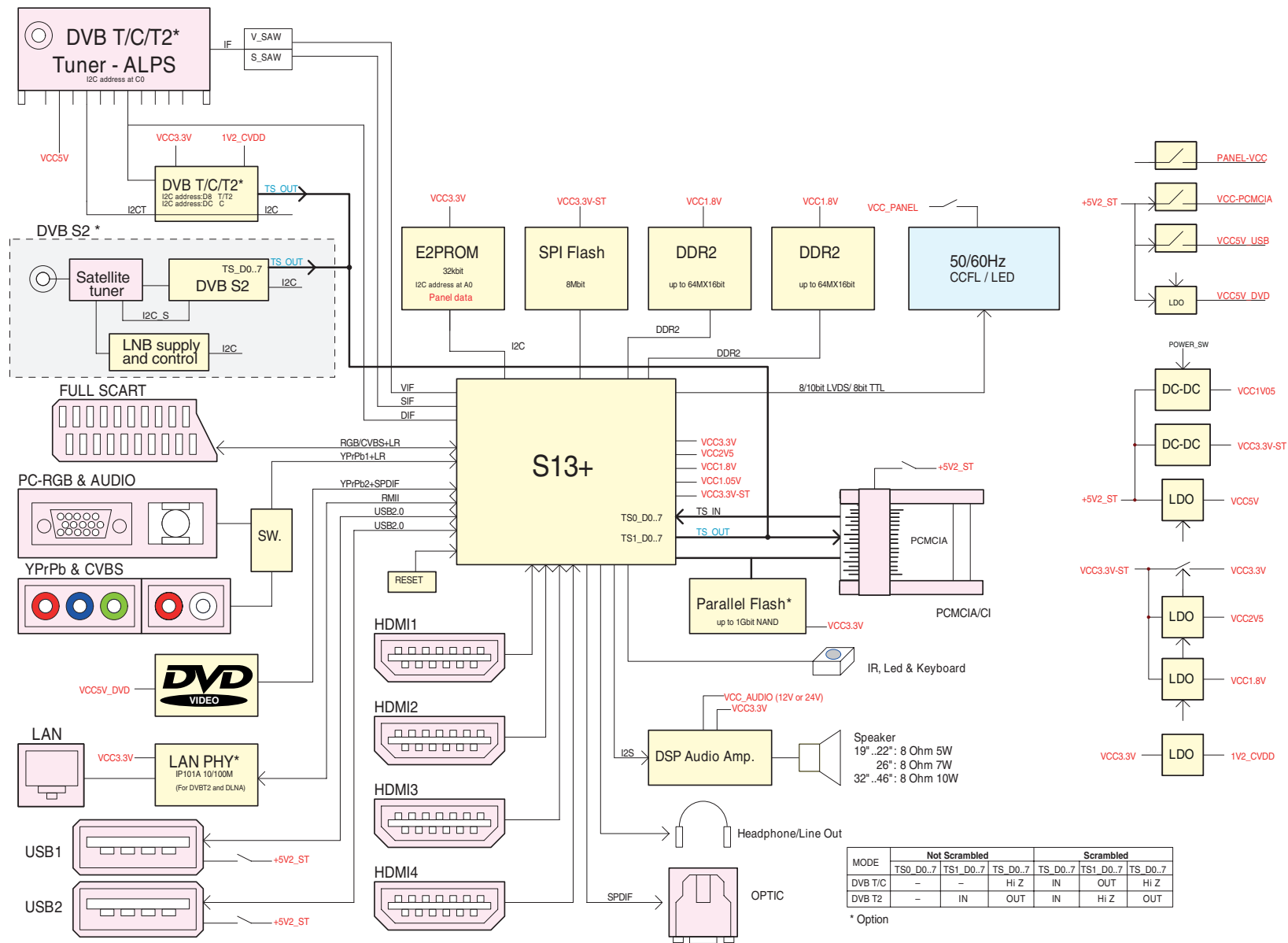


## Chassisplatte / Chassis Board VPZ190R-4

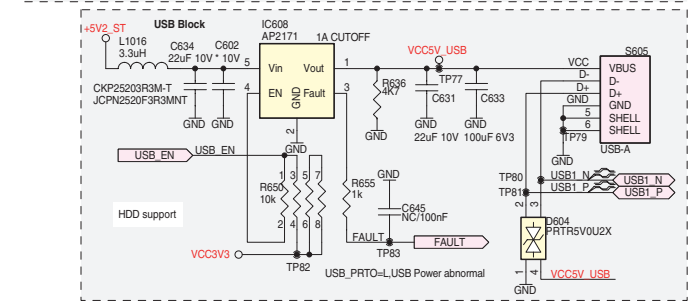
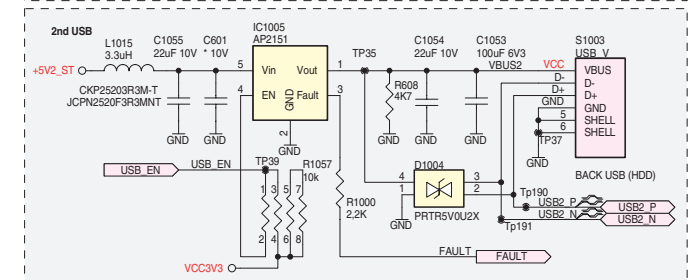
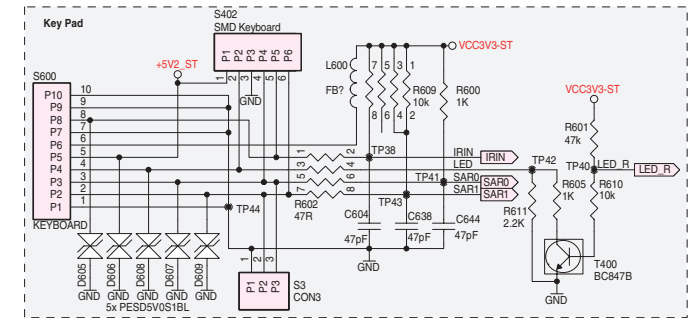
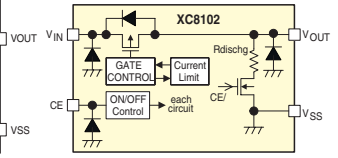
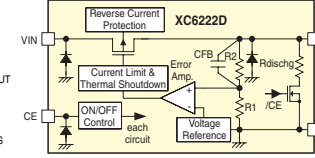
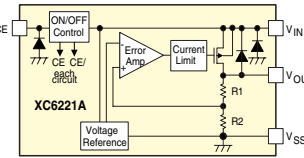
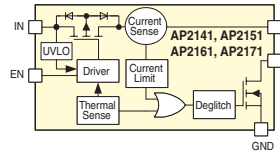
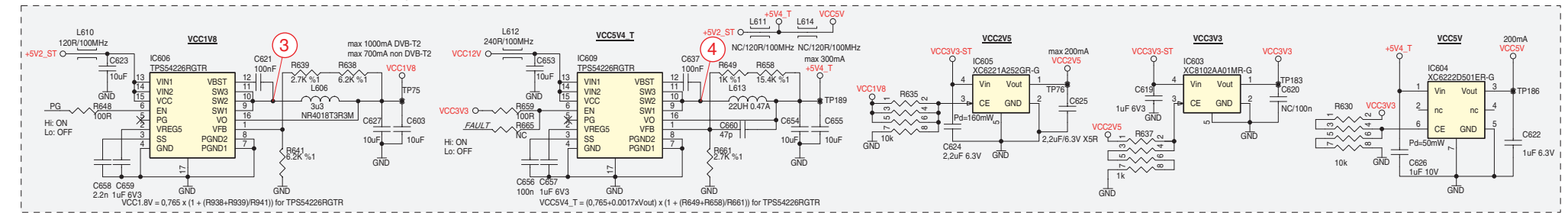
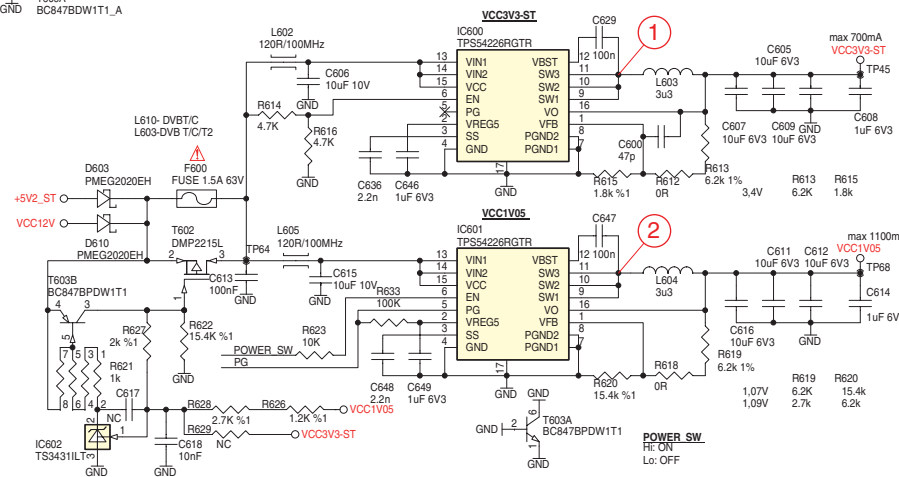
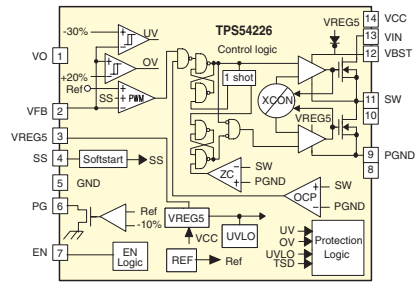
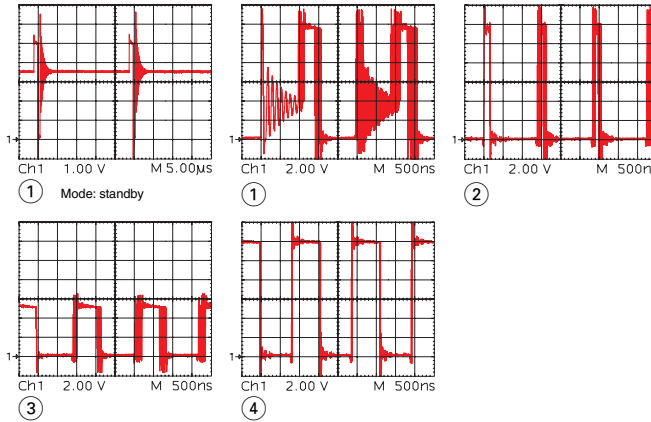
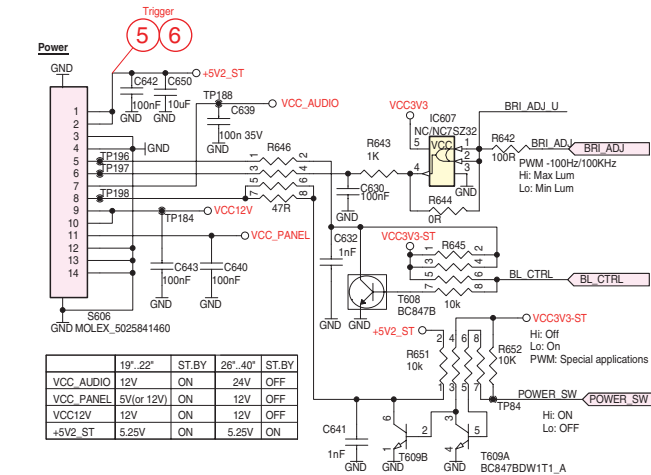
Ansicht von der Lötseite / View of Solder Side



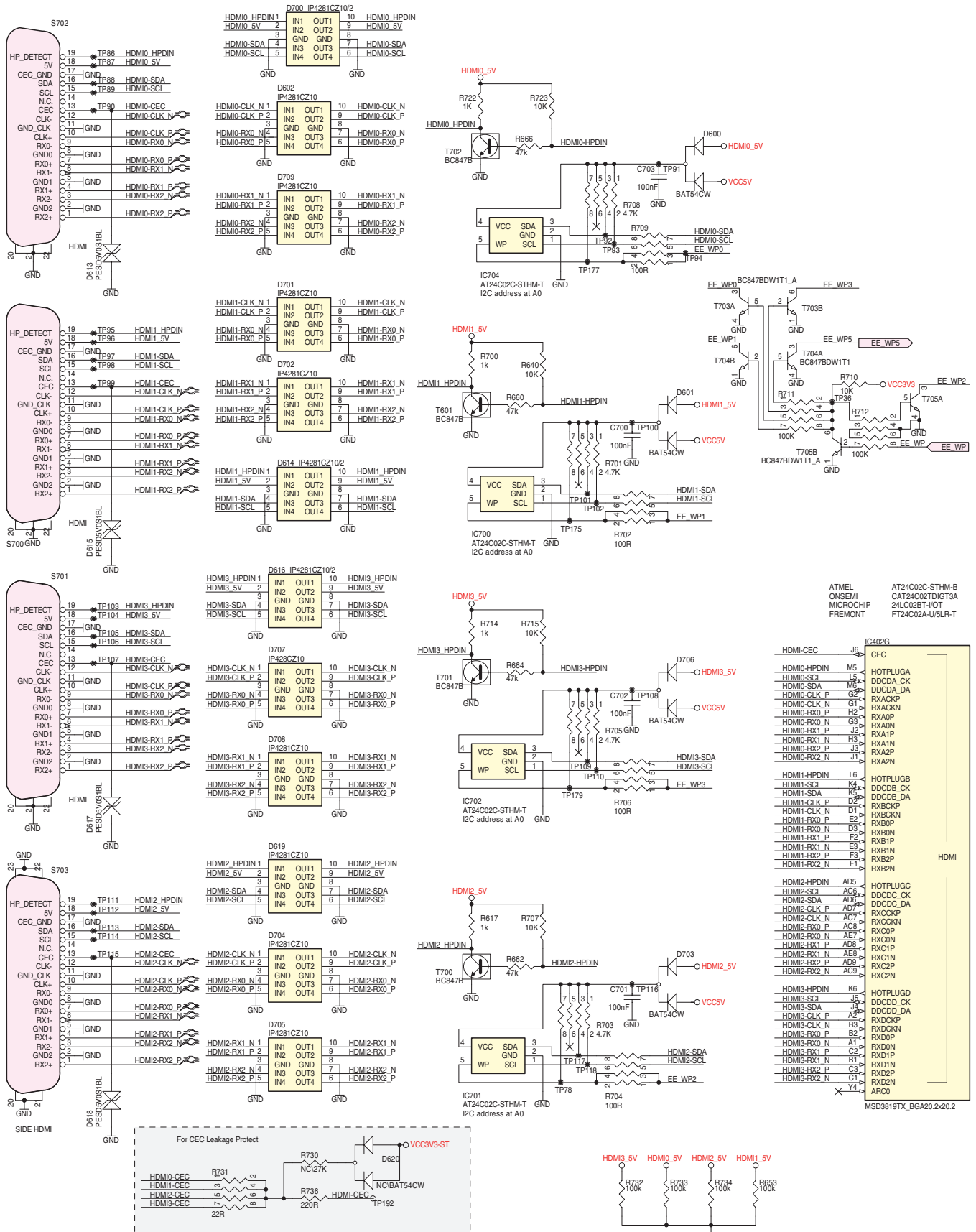
Chassisplatte – Blockschartplan / Chassis Board – Block Circuit Diagram



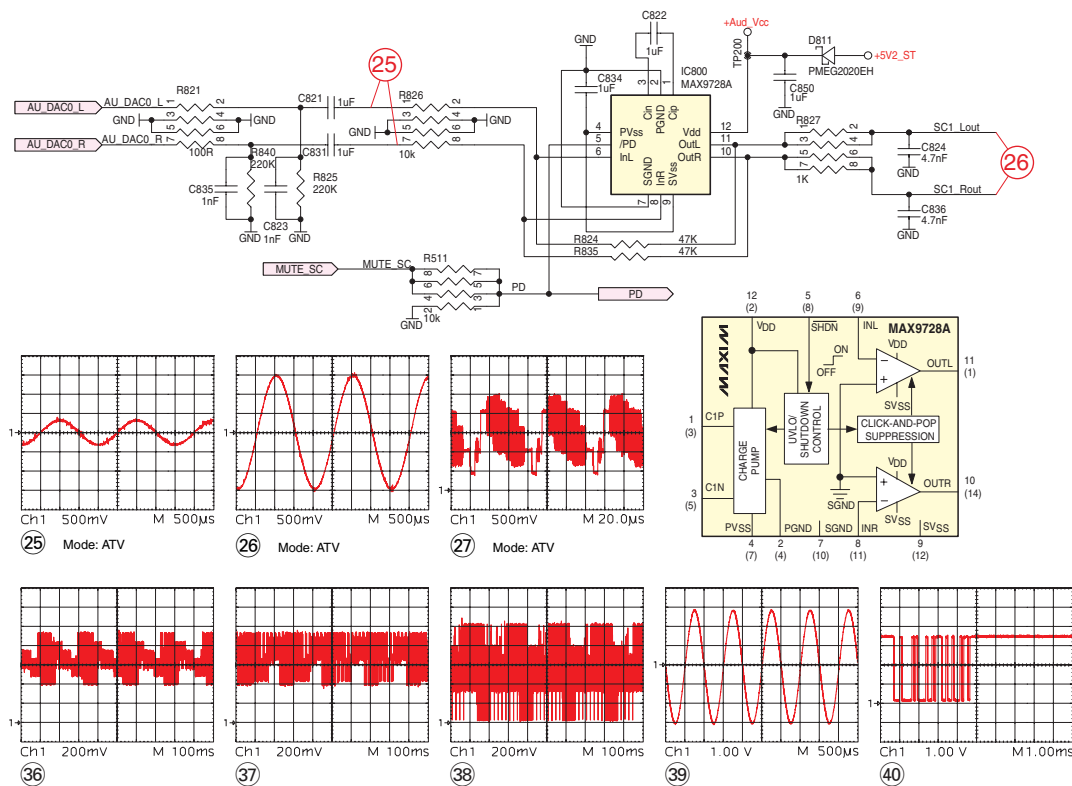
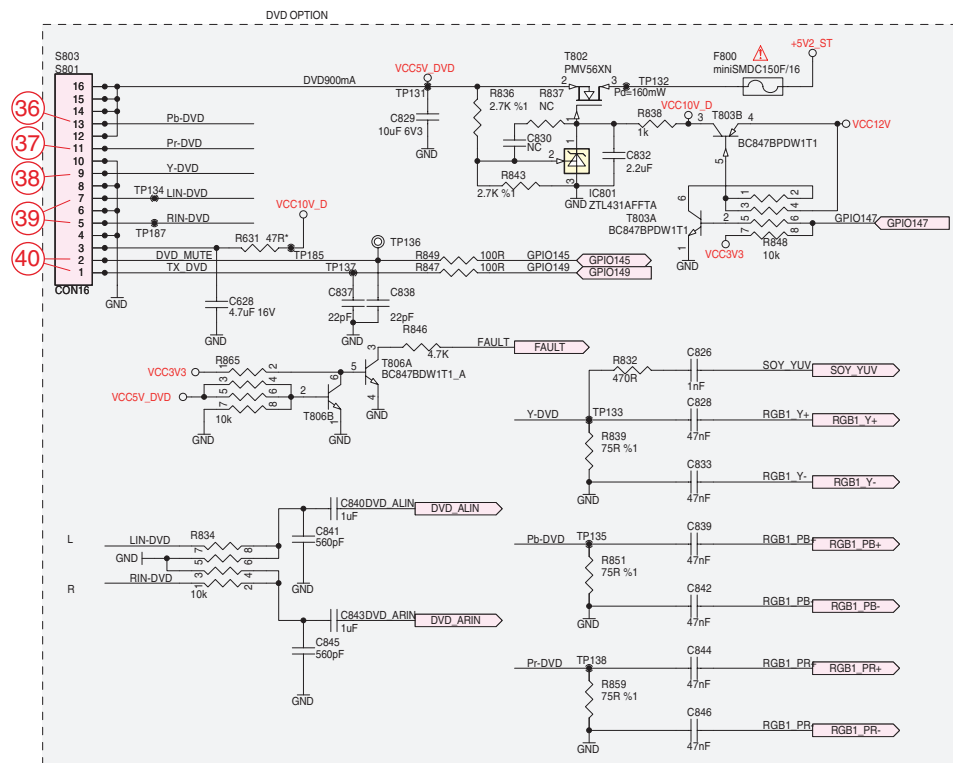
# Chassisplatte – Netzteil, USB Chassis Board – Power Supply, USB



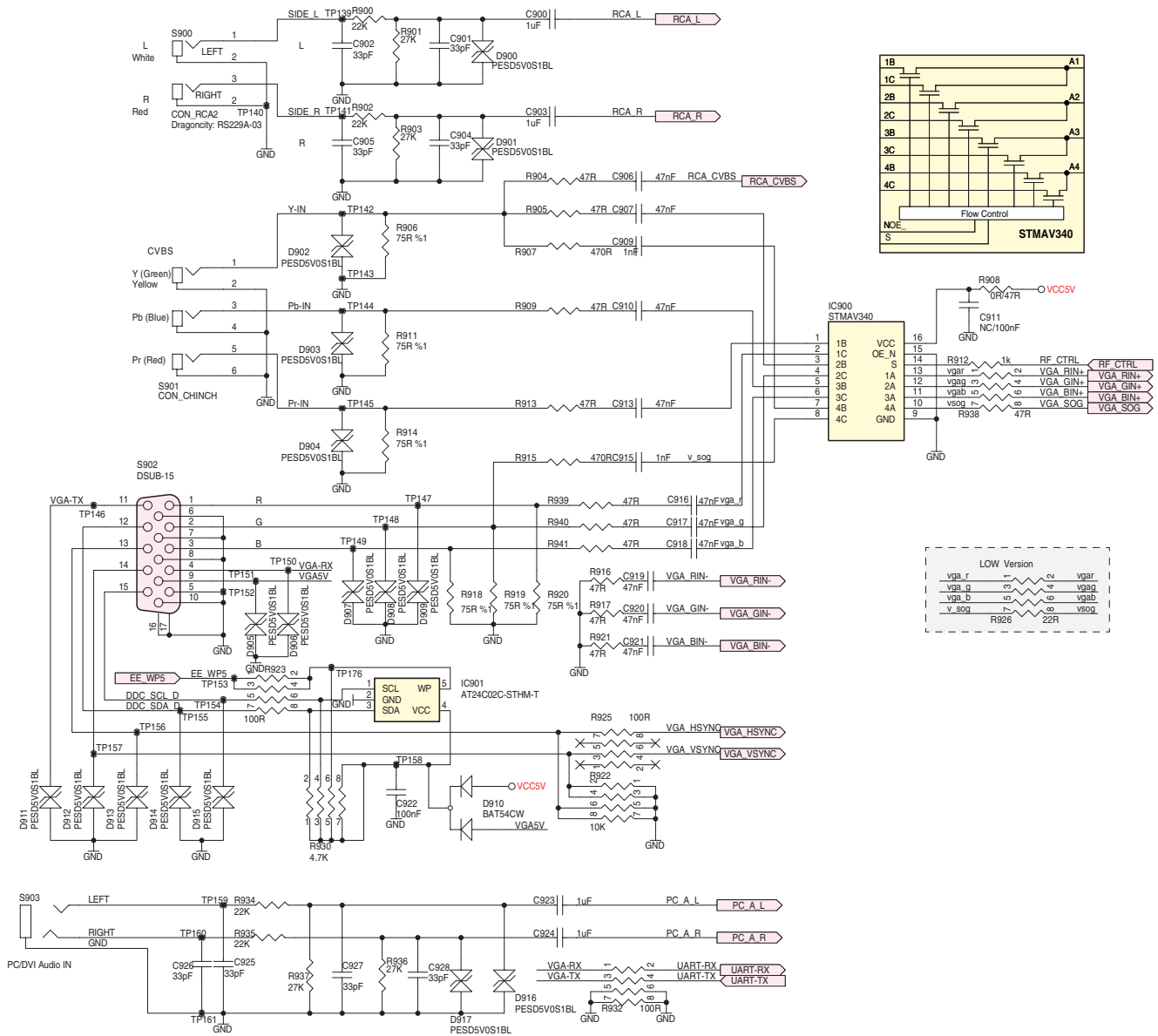
## Chassisplatte / Chassis Board – HDMI



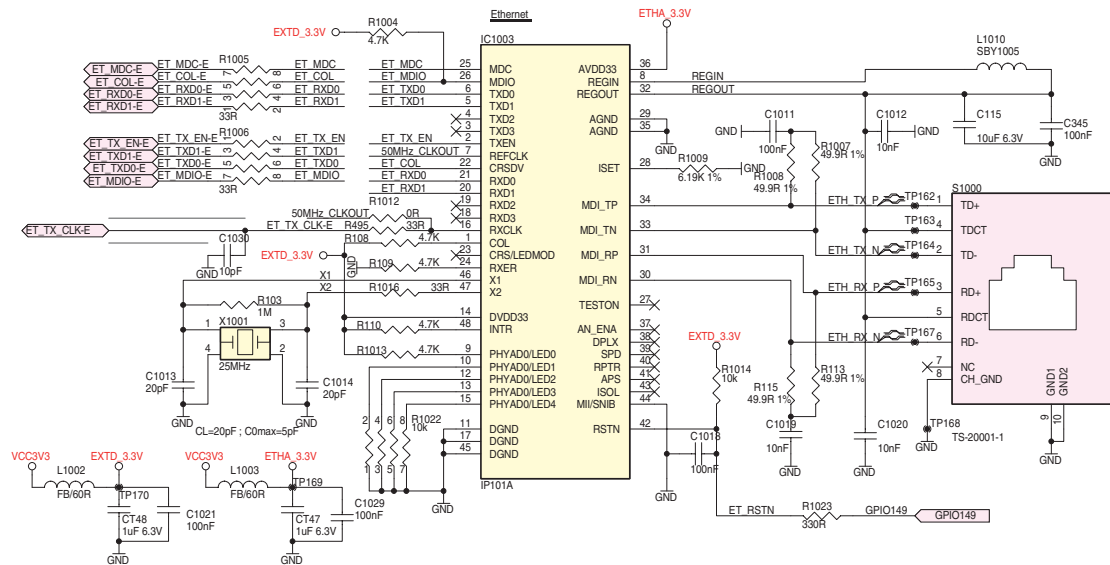




## Chassisplatte / Chassis Board – VGA, YUV

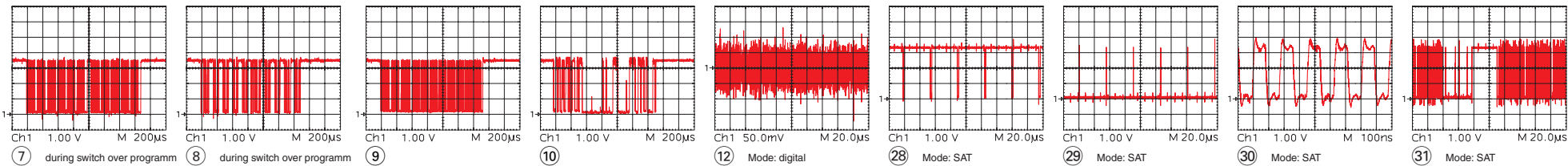
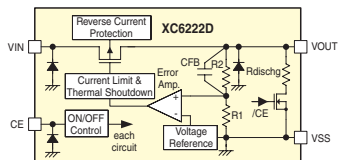
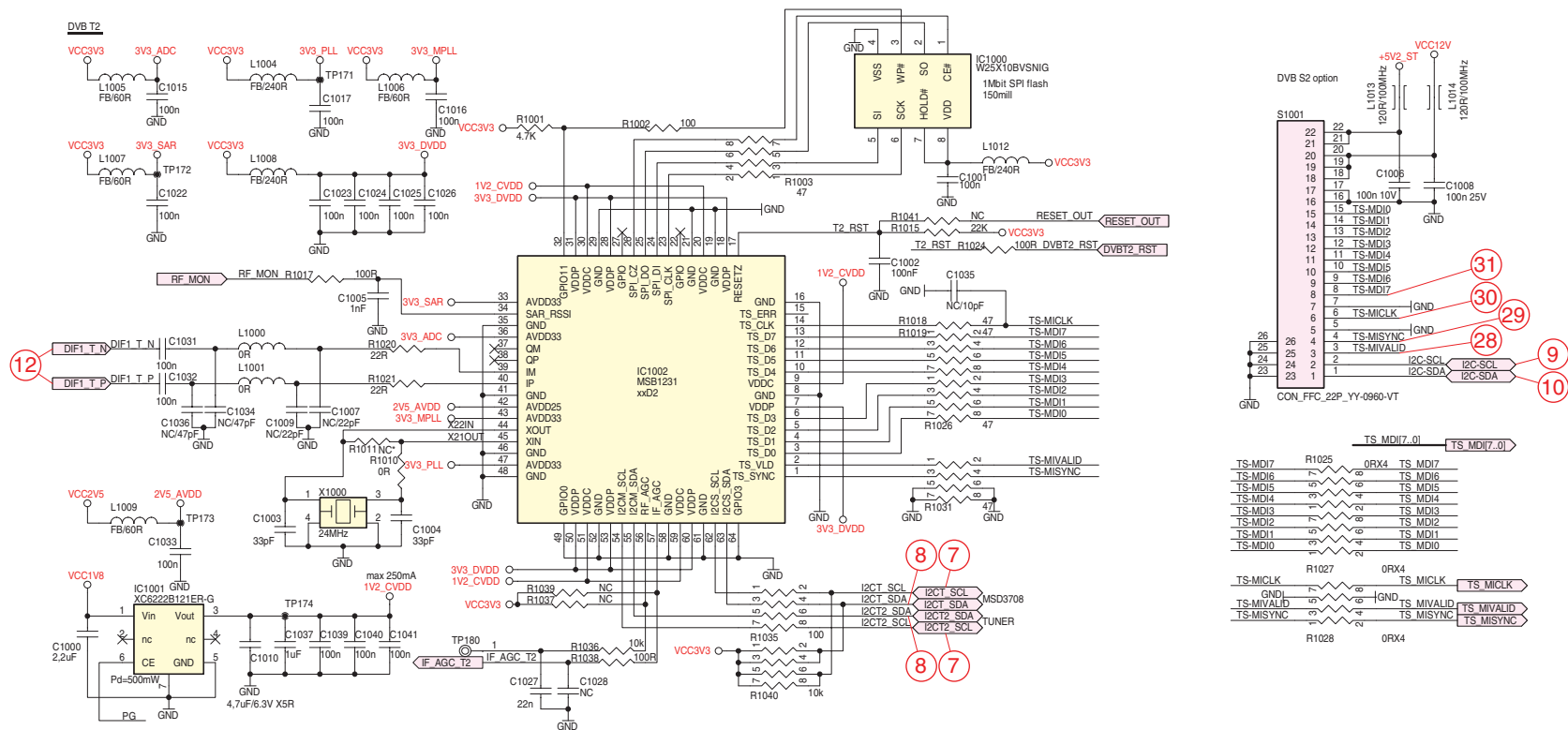


## Chassisplatte / Chassis Board – LAN



[illegible]

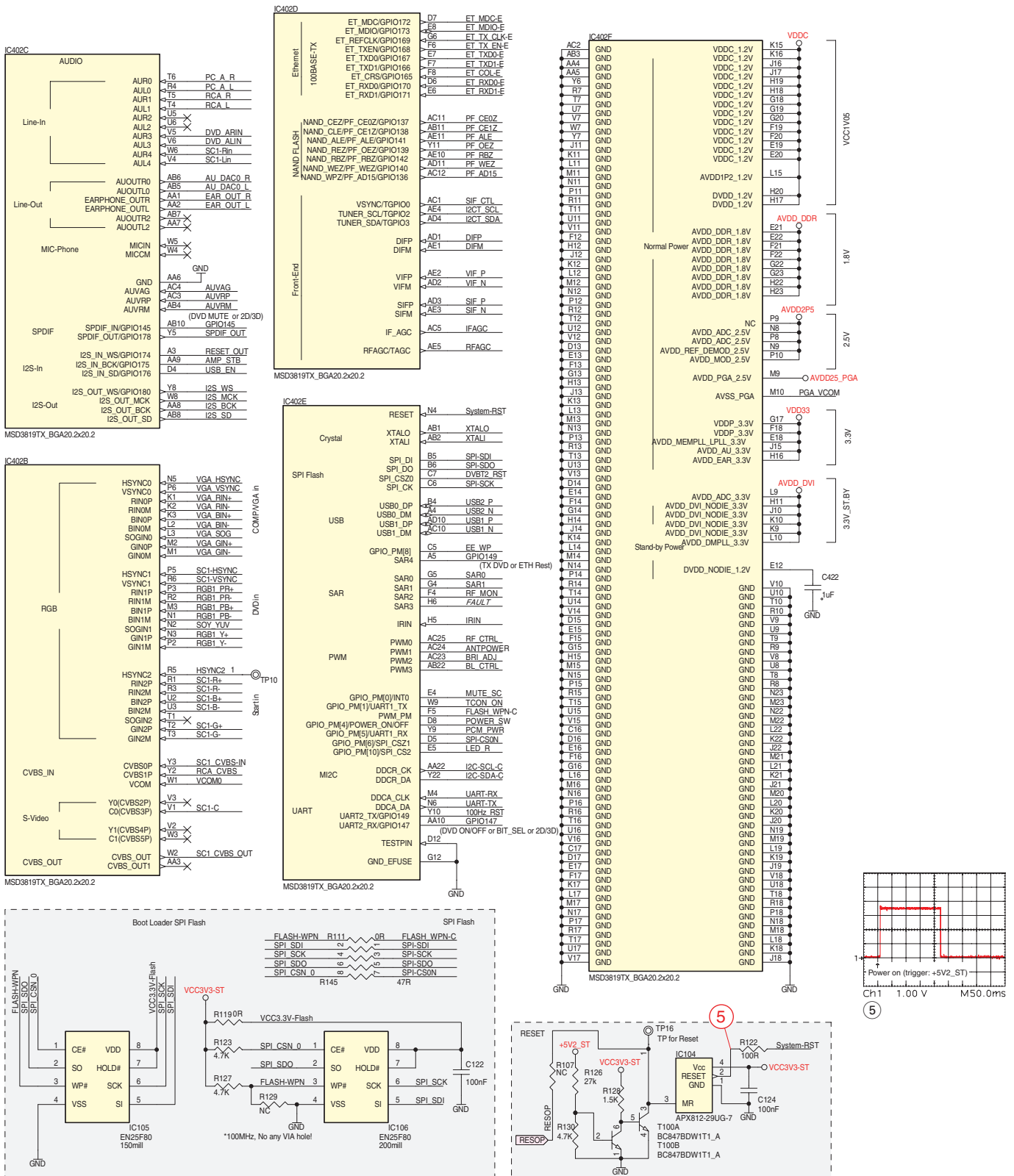
Chassisplatte / Chassis Board – DVB-T2 / DVB-S



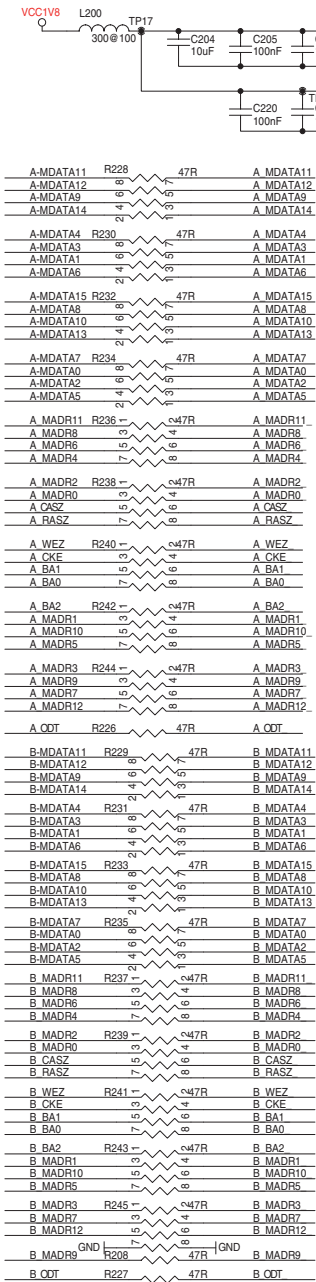
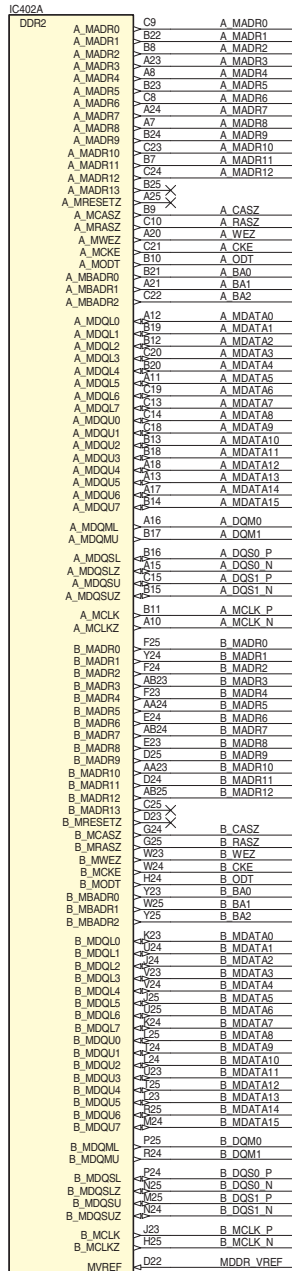




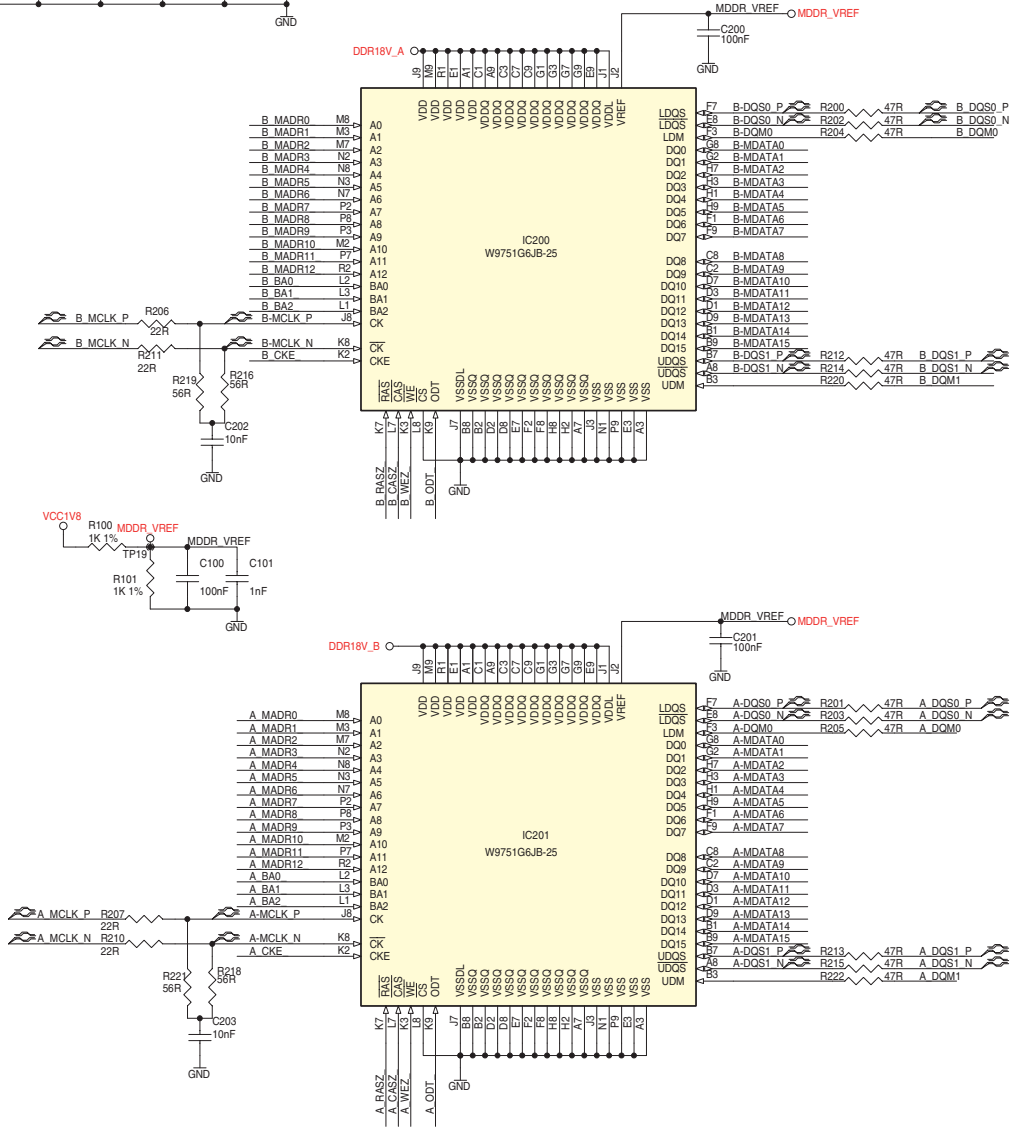
## Chassisplatte / Chassis Board – Scaler



# Chassisplatte / Chassis Board – Scaler-RAM

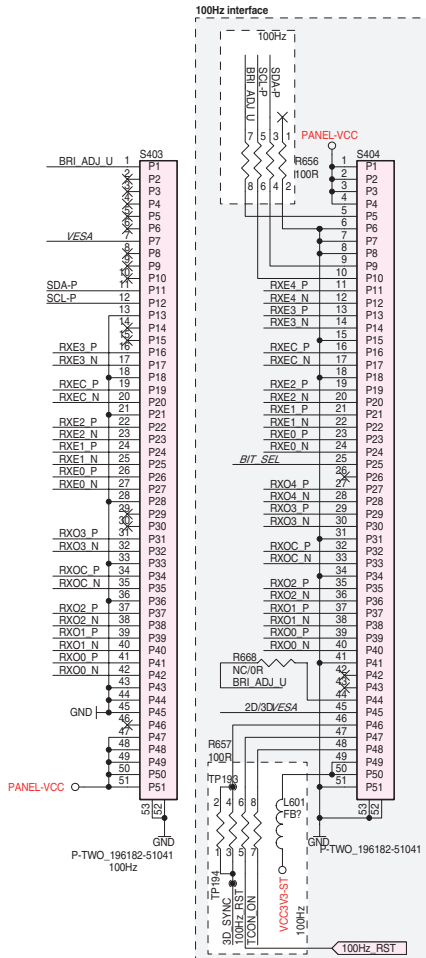
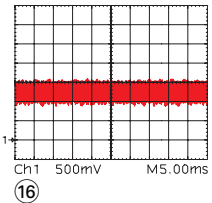
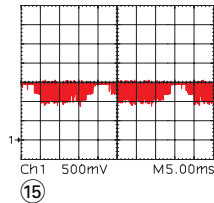
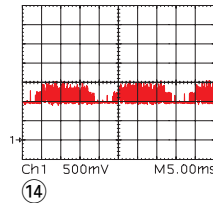
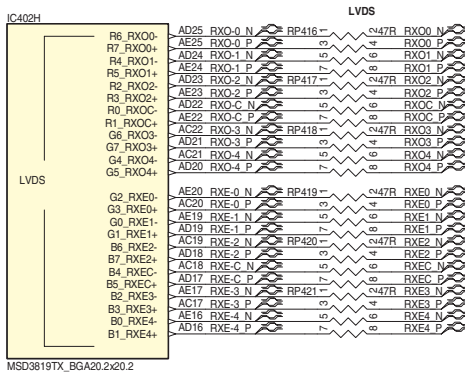


Vendor	512Mbit	1Gbit
Samsung	K4T511630I-HC(L)E7	K4T1G1640F-BCF7
Winbond	W9751G6JB-25	W9751G6JB-18
Nanya	NT5TS2M16CG-25C	
Hynix	H5PS5162FFR-S6C	



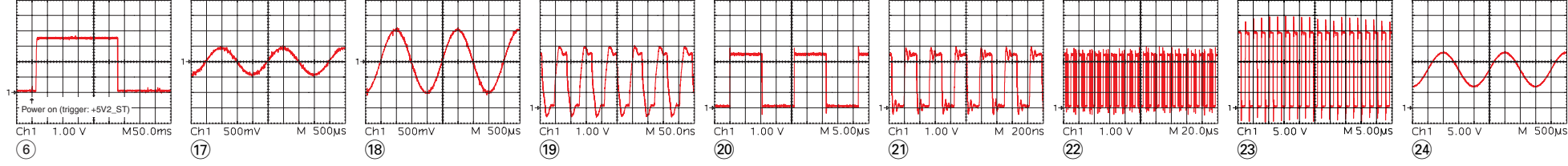
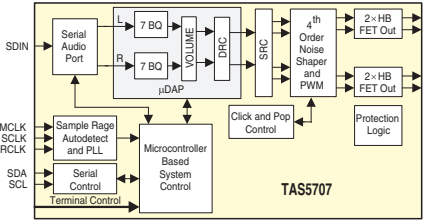
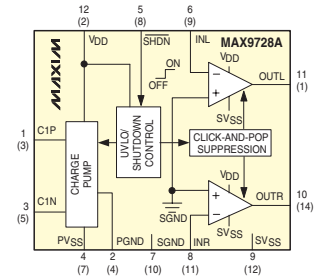
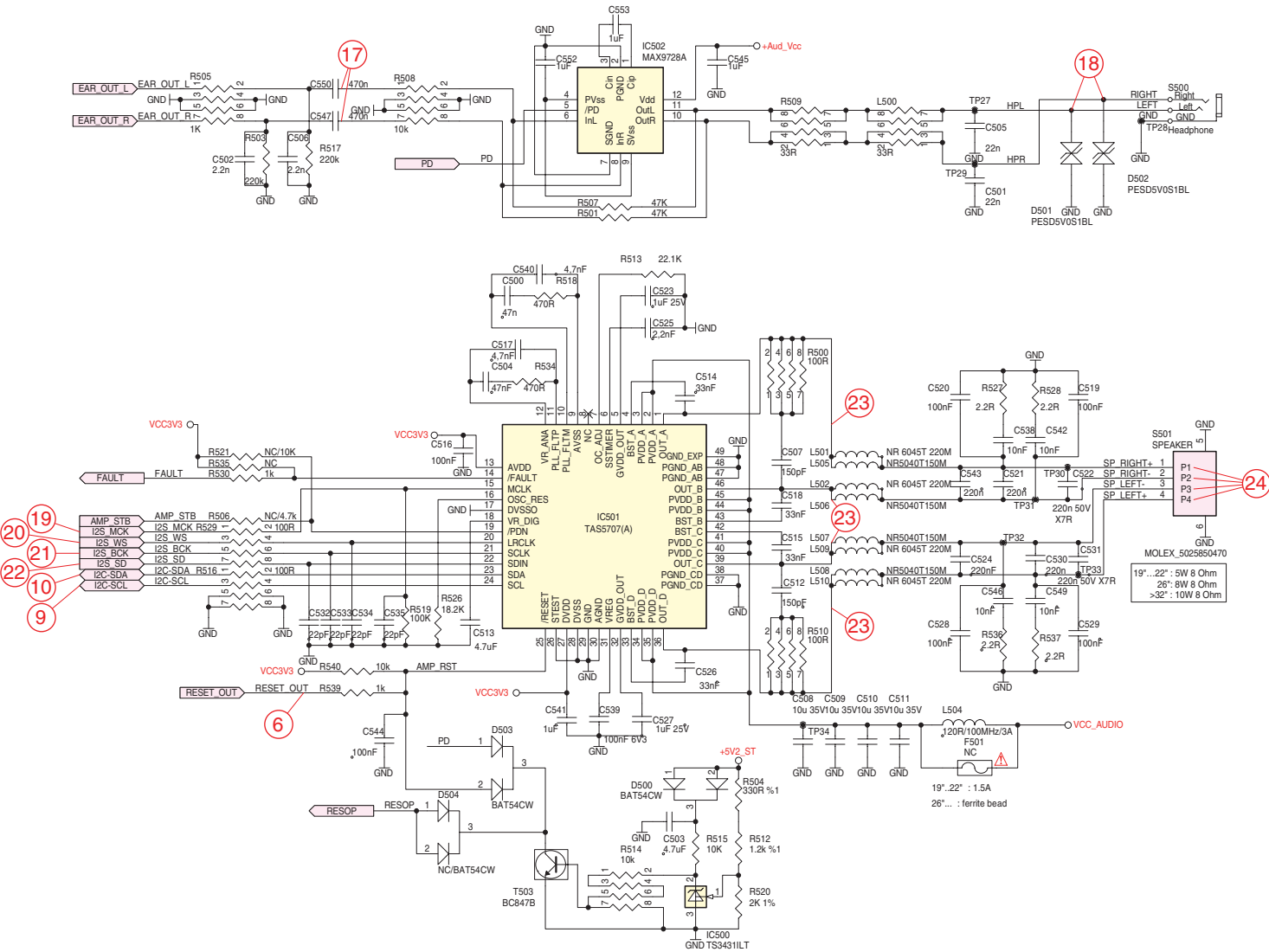


## Chassisplatte / Chassis Board – LVDS



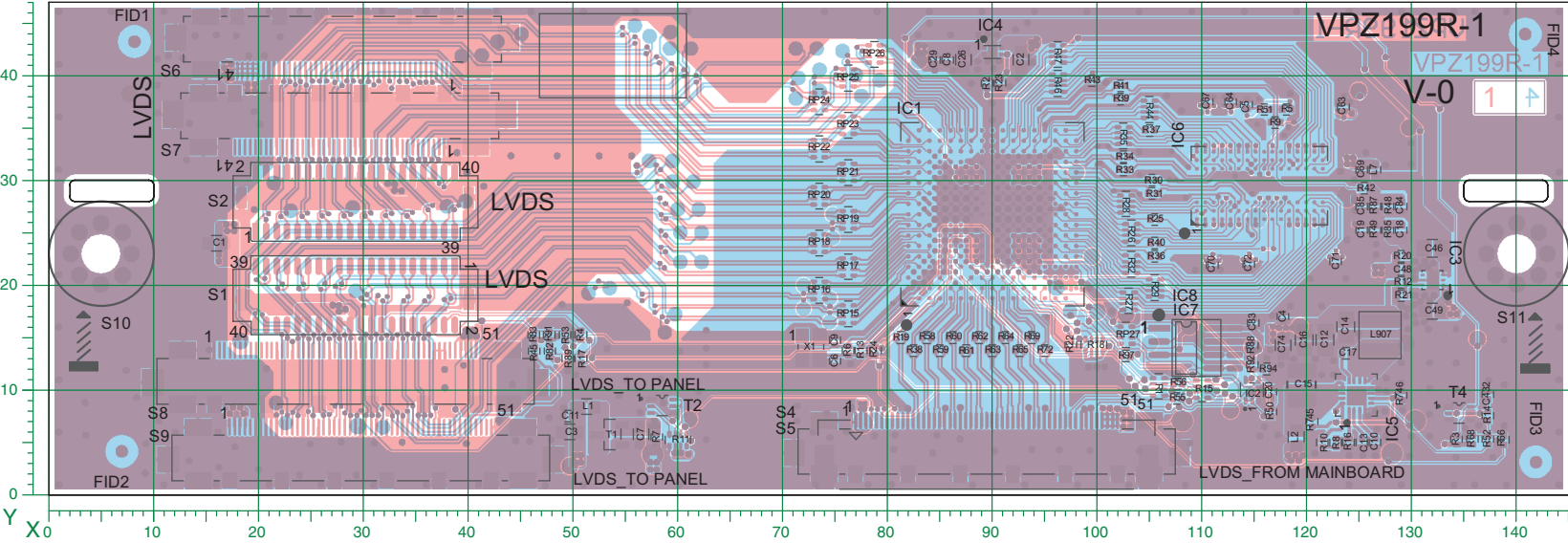
Chassisplatte – Verstärker / Chassis Board – Amplifier

2 - 20

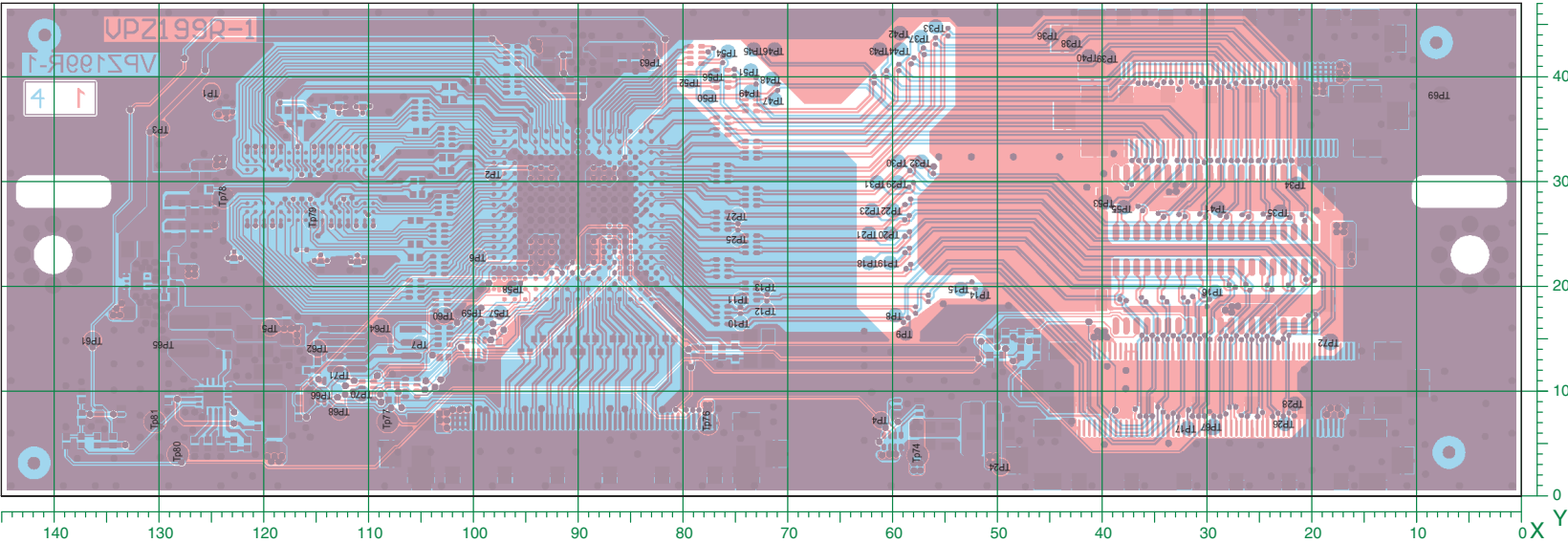


FRC-Platte / Board VPZ199

Ansicht von der Bestückungsseite / View of Component Side



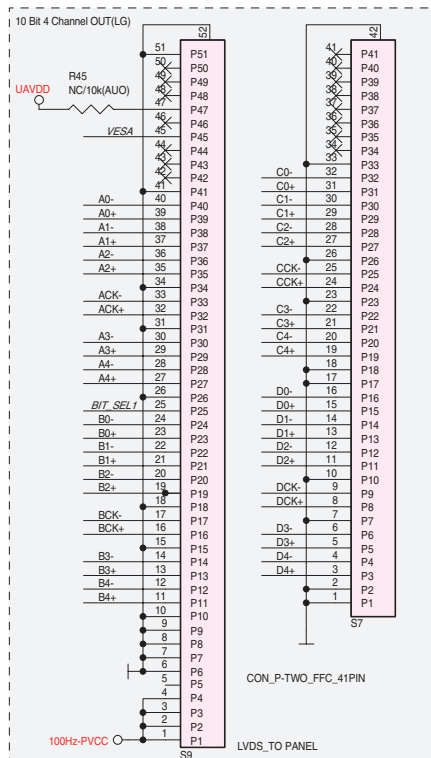
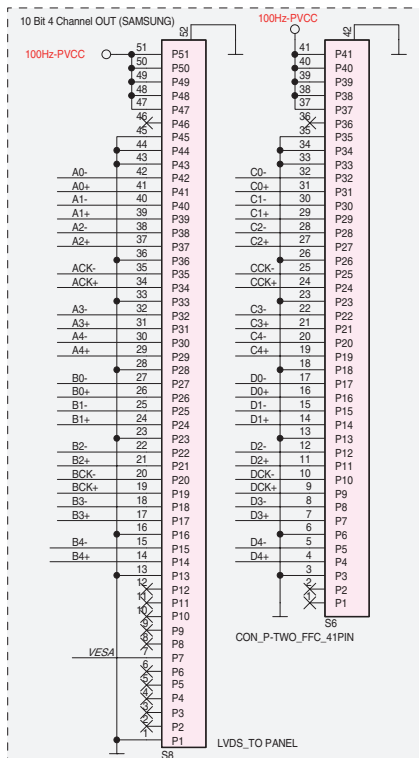
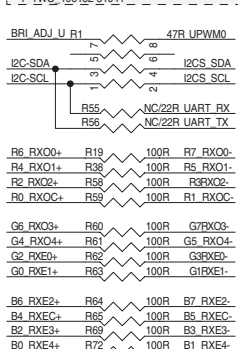
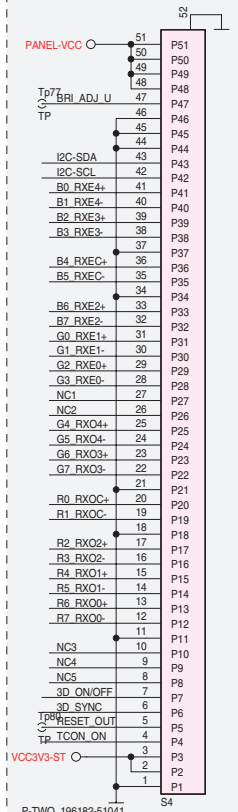
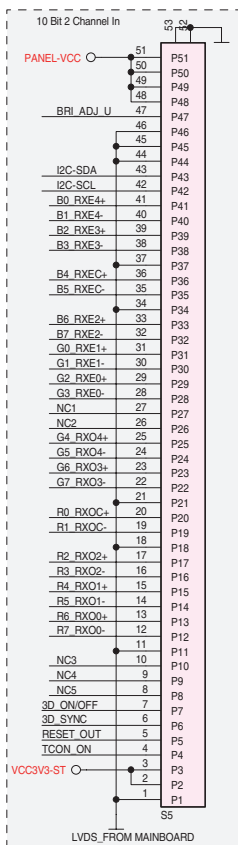
Ansicht von der Lötseite / View of Solder Side



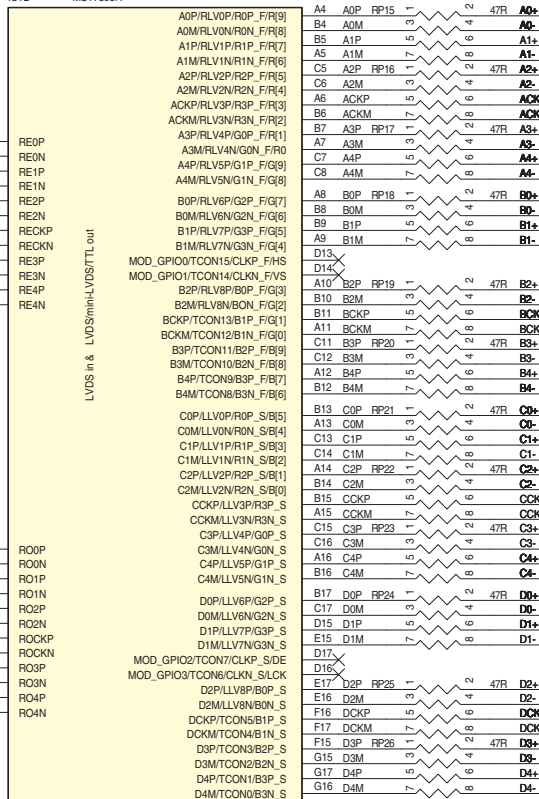
T: Bestückungsseite / Component Side  
B: Lötseite / Solder Side

POS.	X	Y	POS.	X	Y	POS.	X	Y
C1	T	23 16	R30	T	17 105	TP3	B	12 130
C2	T	6 93	R31	T	18 105	TP4	B	40 61
C3	T	41 50	R32	T	25 103	TP5	B	31 119
C4	T	30 118	R33	T	16 103	TP6	B	24 100
C5	T	10 114	R34	T	15 103	TP7	B	33 105
C6	T	34 75	R35	T	13 103	TP8	B	30 60
C7	T	41 57	R36	T	24 106	TP9	B	32 59
C8	T	6 86	R37	T	12 105	TP10	B	31 75
C9	T	32 75	R38	T	33 83	TP11	B	28 75
C10	T	42 127	R39	T	9 102	TP12	B	29 72
C11	T	40 50	R40	T	23 106	TP13	B	27 72
C12	T	32 122	R41	T	8 102	TP14	B	28 52
C13	T	42 125	R42	T	18 126	TP15	B	27 54
C14	T	31 124	R43	T	8 100	TP16	B	28 29
C15	T	37 120	R44	T	10 105	TP17	B	41 32
C16	T	32 120	R45	T	33 46	TP18	B	25 62
C17	T	34 124	R46	T	8 96	TP19	B	25 60
C18	T	22 129	R47	T	5 96	TP20	B	22 60
C19	T	22 125	R48	T	20 128	TP21	B	22 62
C20	T	37 117	R49	T	22 127	TP22	B	20 60
C26	T	6 87	R50	T	39 117	TP23	B	20 62
C29	T	6 85	R51	T	10 116	TP24	B	44 50
C46	T	24 132	R52	T	42 137	TP25	B	23 75
C48	T	26 129	R53	T	32 49	TP26	B	40 23
C49	T	30 132	R55	T	38 108	TP27	B	20 75
C63	T	10 124	R56	T	36 108	TP28	B	38 22
C64	T	10 113	R58	T	32 84	TP29	B	17 60
C67	T	10 111	R59	T	33 85	TP30	B	15 60
C69	T	16 125	R60	T	32 86	TP31	B	17 62
C70	T	25 111	R61	T	33 88	TP32	B	15 57
C71	T	25 123	R62	T	32 89	TP33	B	2 56
C72	T	25 115	R63	T	33 90	TP34	B	17 22
C74	T	33 118	R64	T	32 91	TP35	B	20 23
C83	T	31 115	R65	T	33 93	TP36	B	3 45
C84	T	20 129	R66	T	42 139	TP37	B	3 57
C85	T	20 125	R68	T	42 136	TP38	B	4 43
C432	T	37 137	R69	T	32 94	TP39	B	5 39
IC1	T	20 90	R72	T	33 95	TP40	B	5 41
IC2	T	37 115	R82	T	33 48	TP41	B	20 29
IC3	T	27 132	R83	T	32 46	TP42	B	3 59
IC4	T	5 90	R85	T	22 128	TP43	B	5 61
IC5	T	38 125	R87	T	20 127	TP44	B	5 59
IC6	T	18 116	R88	T	33 115	TP45	B	5 73
IC7	T	33 109	R89	T	34 50	TP46	B	5 71
IC8	T	33 110	R91	T	32 48	TP47	B	9 71
L1	T	39 51	R92	T	35 115	TP48	B	7 72
L2	T	42 119	R94	T	35 116	TP49	B	9 74
L7	T	16 127	R97	T	34 103	TP50	B	9 78
L907	T	32 127	R745	T	40 121	TP51	B	7 74
R1	T	37 106	R746	T	38 129	TP52	B	8 79
R2	T	8 90	RP15	T	30 76	TP53	B	19 40
R3	T	42 134	RP16	T	28 74	TP54	B	5 76
R4	T	32 51	RP17	T	25 76	TP55	B	20 38
R5	T	10 118	RP18	T	23 74	TP56	B	7 77
R6	T	33 76	RP19	T	21 76	TP57	B	30 97
R7	T	42 58	RP20	T	19 74	TP58	B	27 96
R8	T	42 123	RP21	T	16 76	TP59	B	30 100
R9	T	12 117	RP22	T	14 74	TP60	B	30 103
R10	T	42 122	RP23	T	12 76	TP61	B	32 136
R11	T	42 60	RP24	T	10 74	TP62	B	33 115
R12	T	27 129	RP25	T	7 76	TP63	B	6 83
R13	T	33 78	RP26	T	5 79	TP64	B	31 109
R14	T	39 137	RP27	T	32 103	TP65	B	33 130
R15	T	37 110	S1	T	28 29	TP66	B	37 114
R16	T	42 124	S2	T	19 29	TP67	B	40 30
R17	T	34 51	S4	T	43 89	TP68	B	39 113
R18	T	33 100	S5	T	41 89	TP69	B	9 8
R19	T	32 81	S6	T	4 28	TP70	B	37 111
R20	T	24 129	S7	T	11 28	TP71	B	35 113
R21	T	28 129	S8	T	36 28	TP72	B	32 18
R22	T	33 98	S9	T	44 30	TP74	B	43 58
R23	T	8 91	S10	T	24 5	TP76	B	40 78
R24	T	33 79	S11	T	24 140	TP77	B	40 108
R25	T	21 106	T1	T	41 54	TP78	B	19 124
R26	T	22 103	T2	T	39 59	TP79	B	21 115
R27	T	29 103	T4	T	39 135	TP80	B	43 128
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R29	T	27 106	TP2	B	16 98	X1	T	33 73

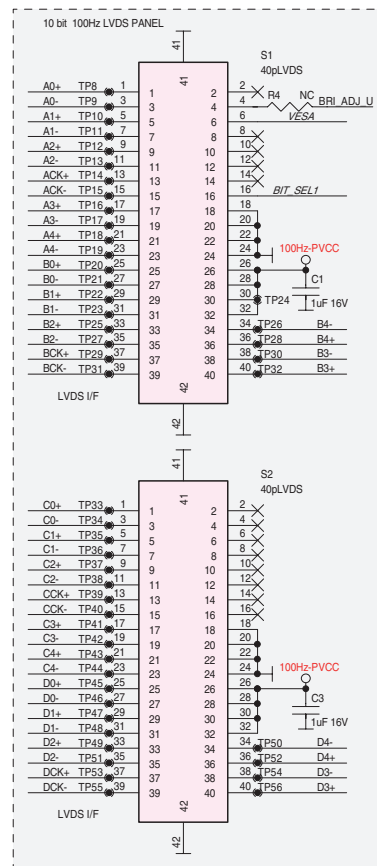
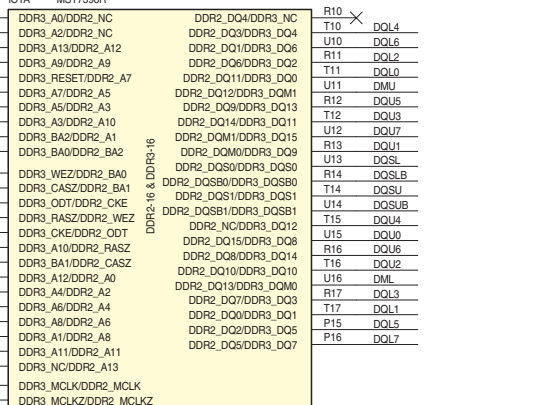
## FRC-Platte / Board



IC1B MST7398R

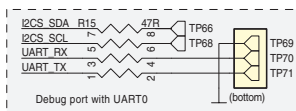
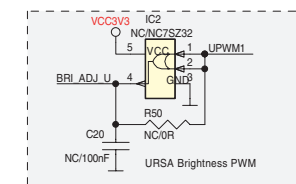
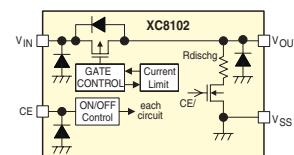
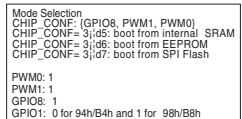


IC1A MST7398R

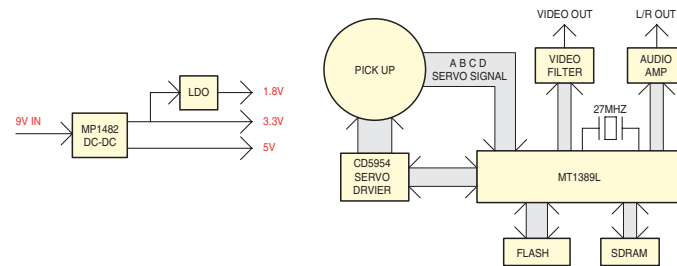




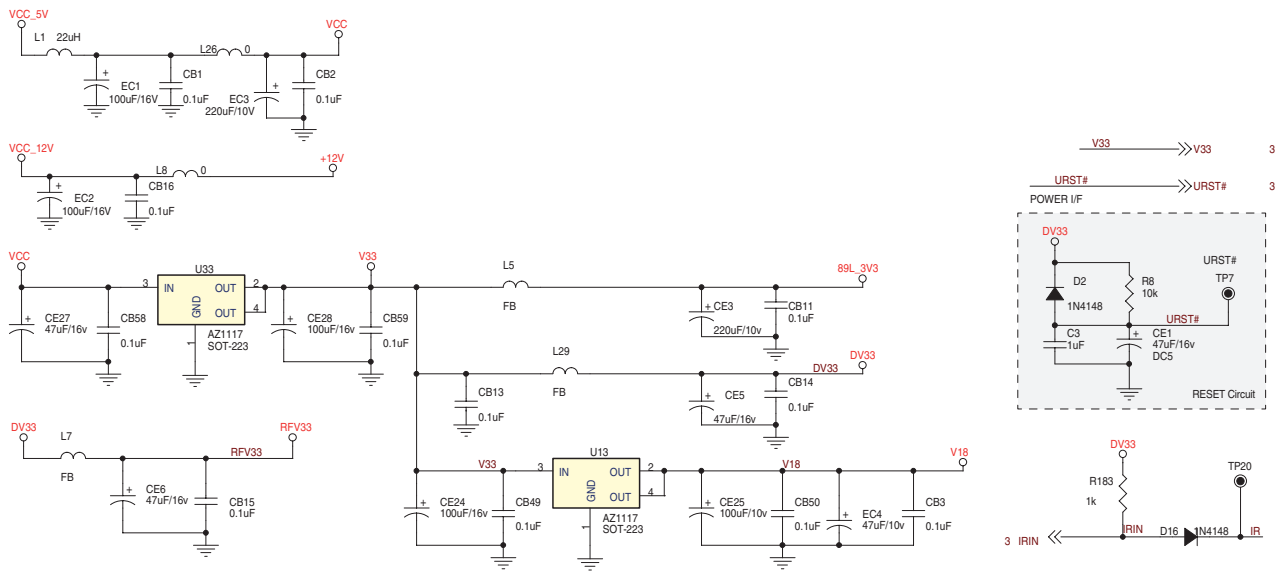
## 2 - 23



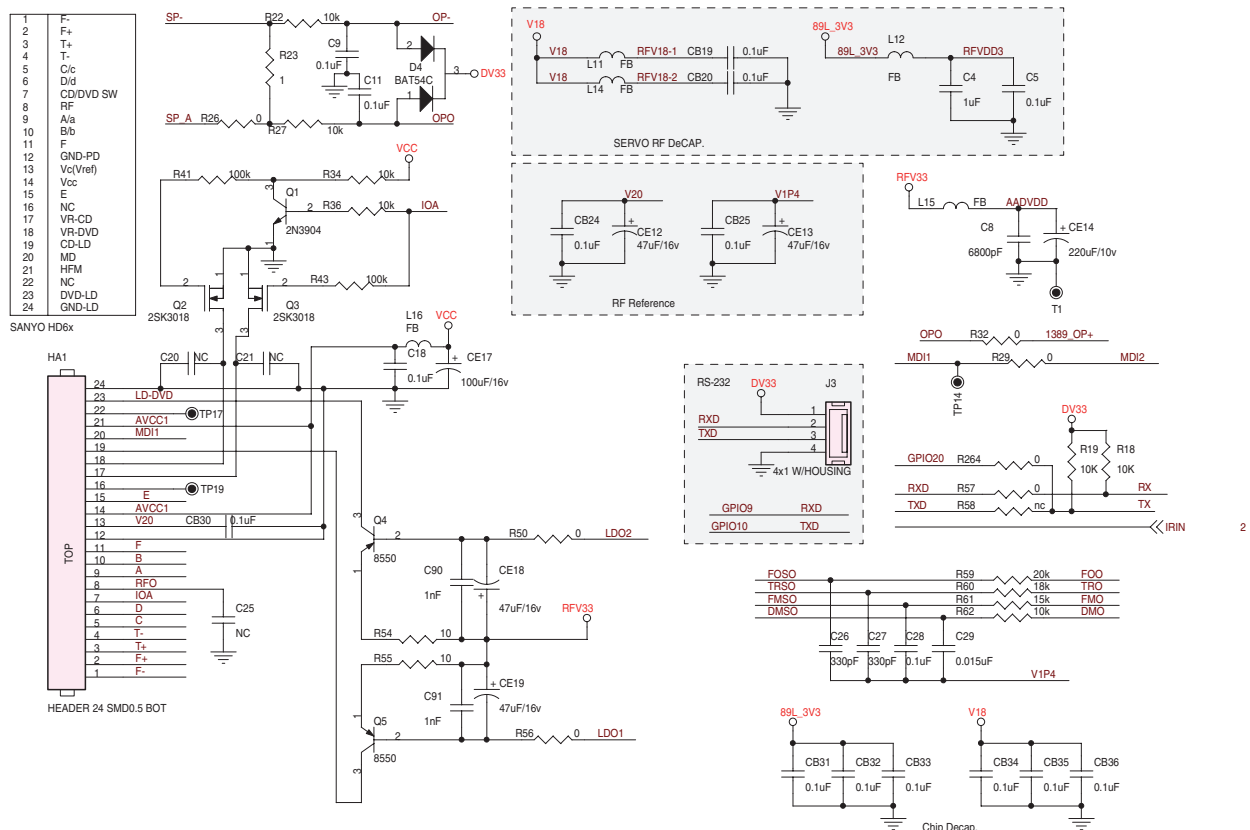
## DVD – Blockschartplan / Block Circuit Diagram



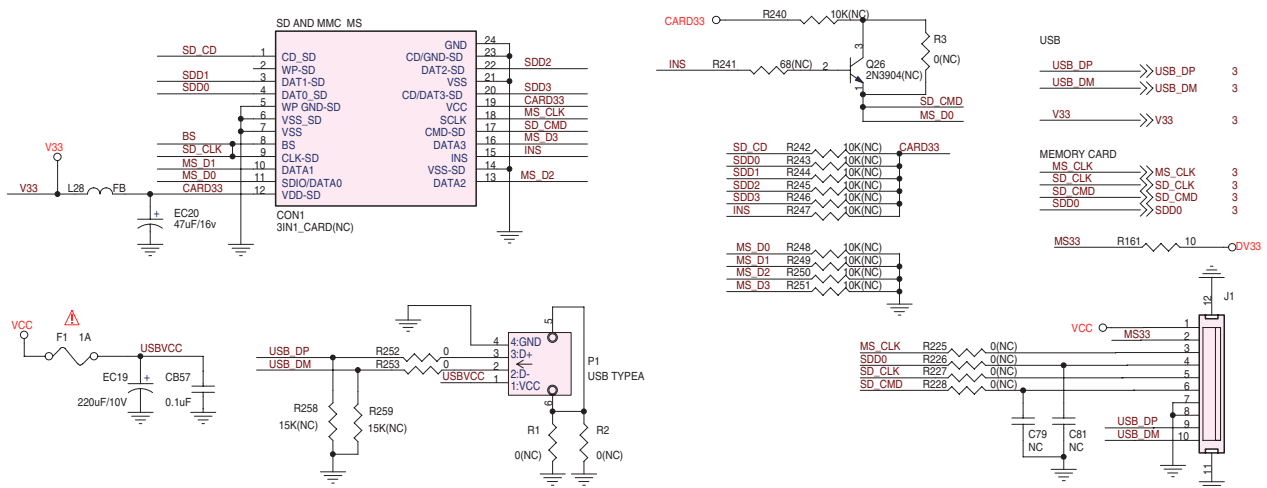
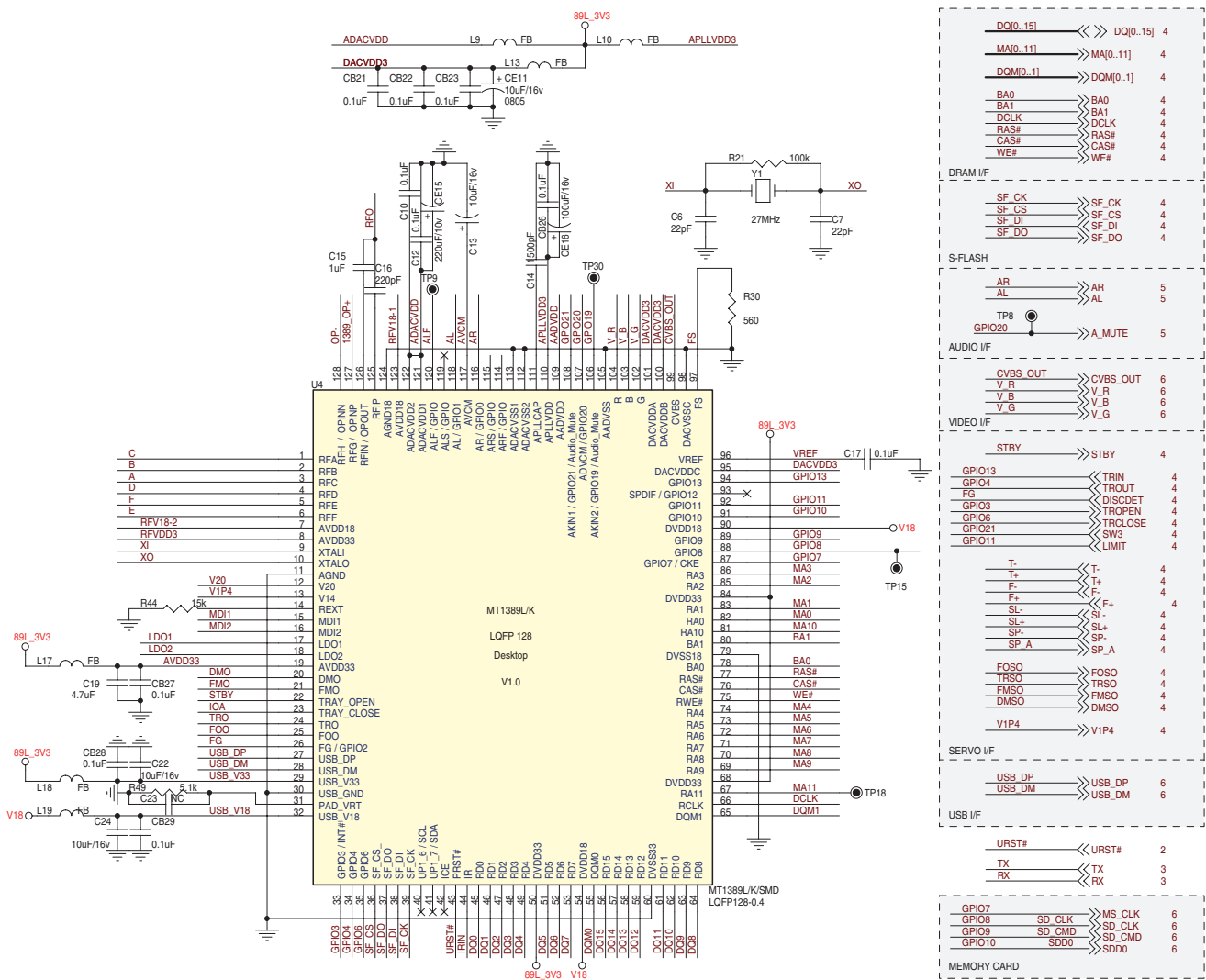
## DVD – Power



## DVD – MPEG/Processor

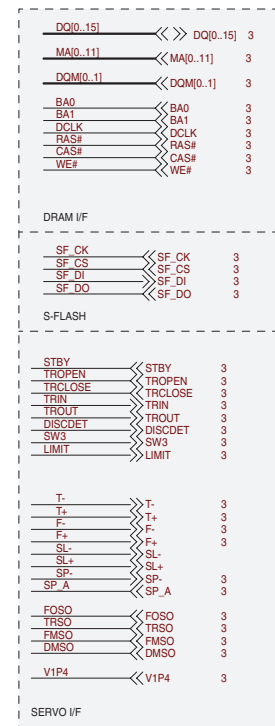


## DVD – USB

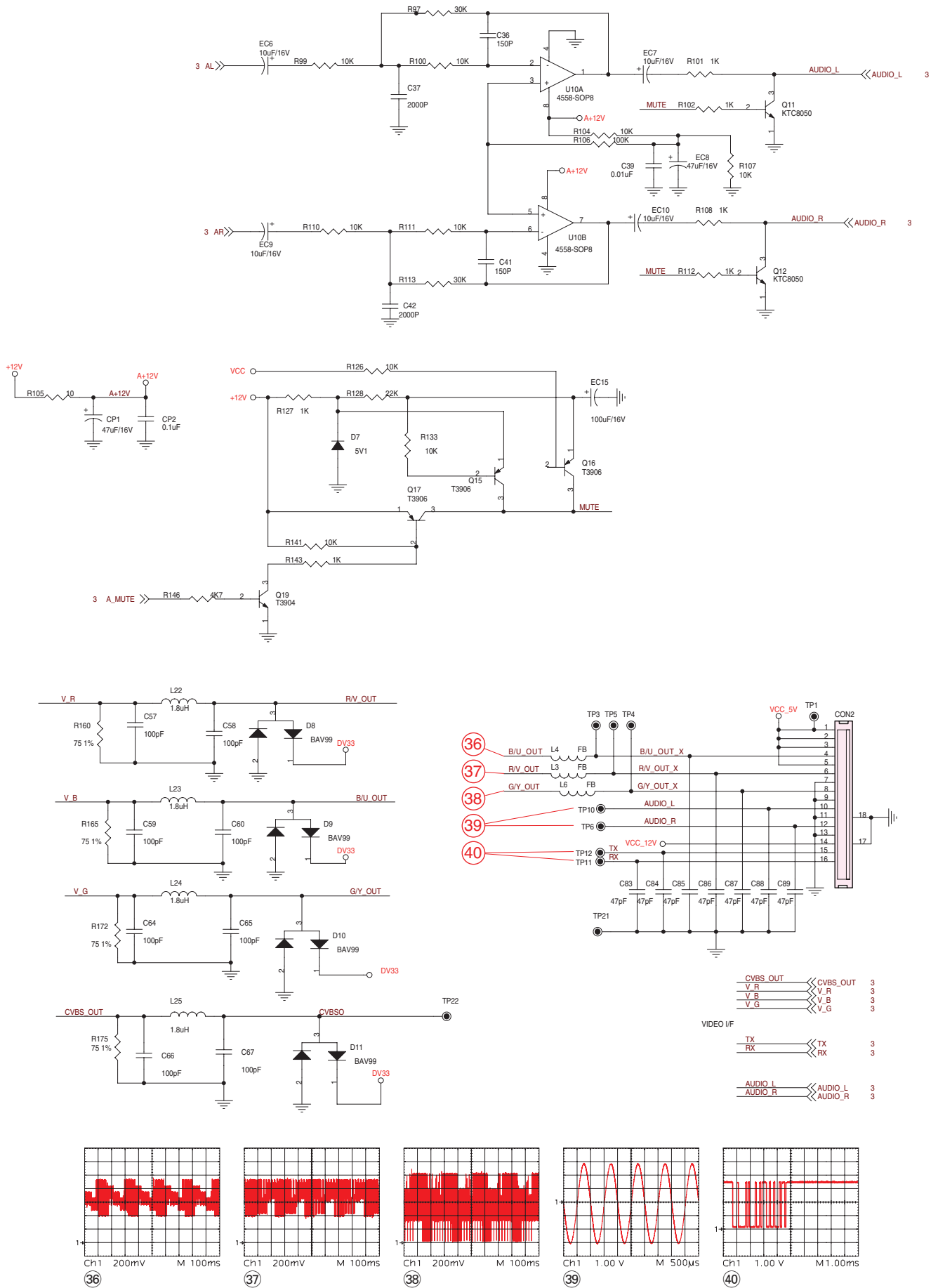




## 2 - 26

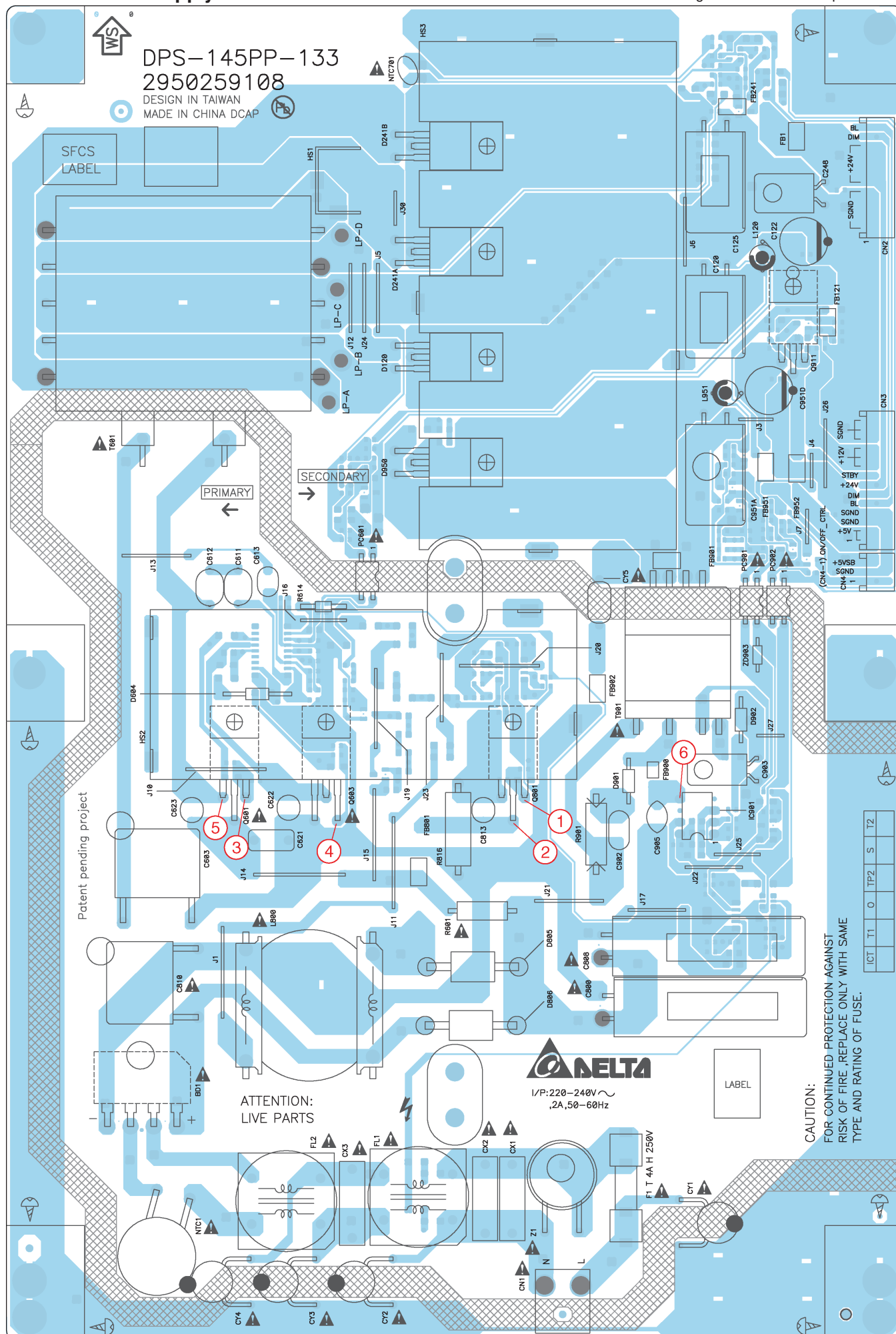


## DVD – Audio/Video



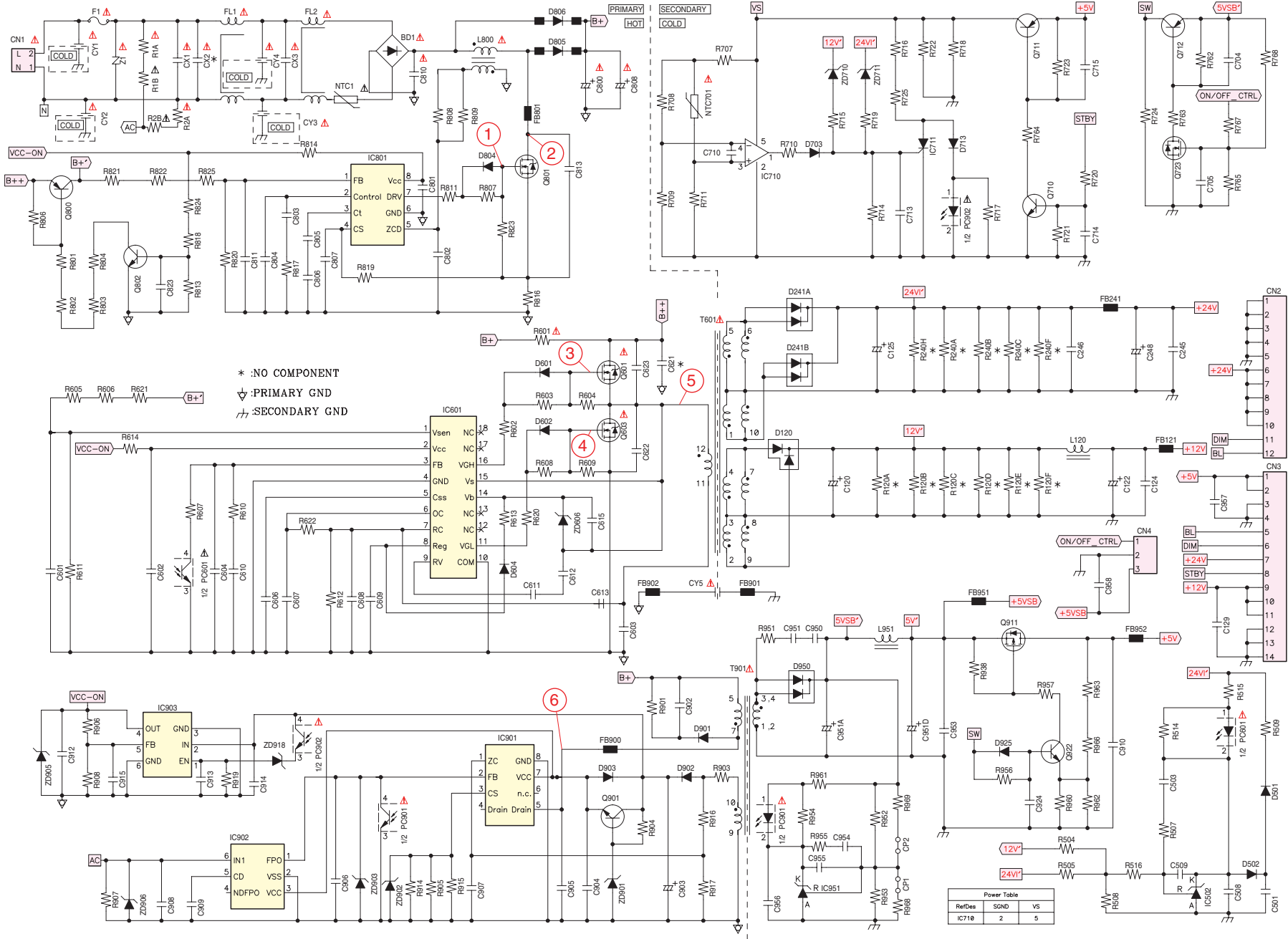
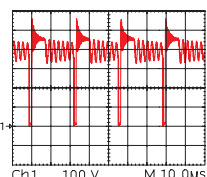
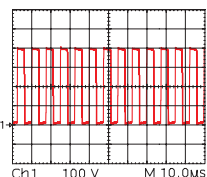
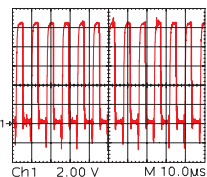
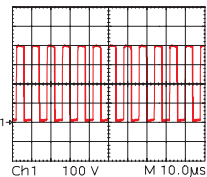
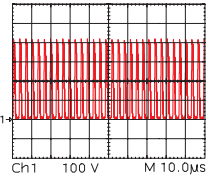
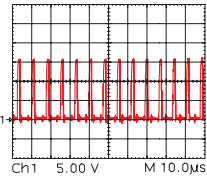
## Netzteil / Power Supply DPS-145PP-133

Ansicht von der Bestückungsseite / View of Component Side



Ansicht von der Lötseite / View of Solder Side

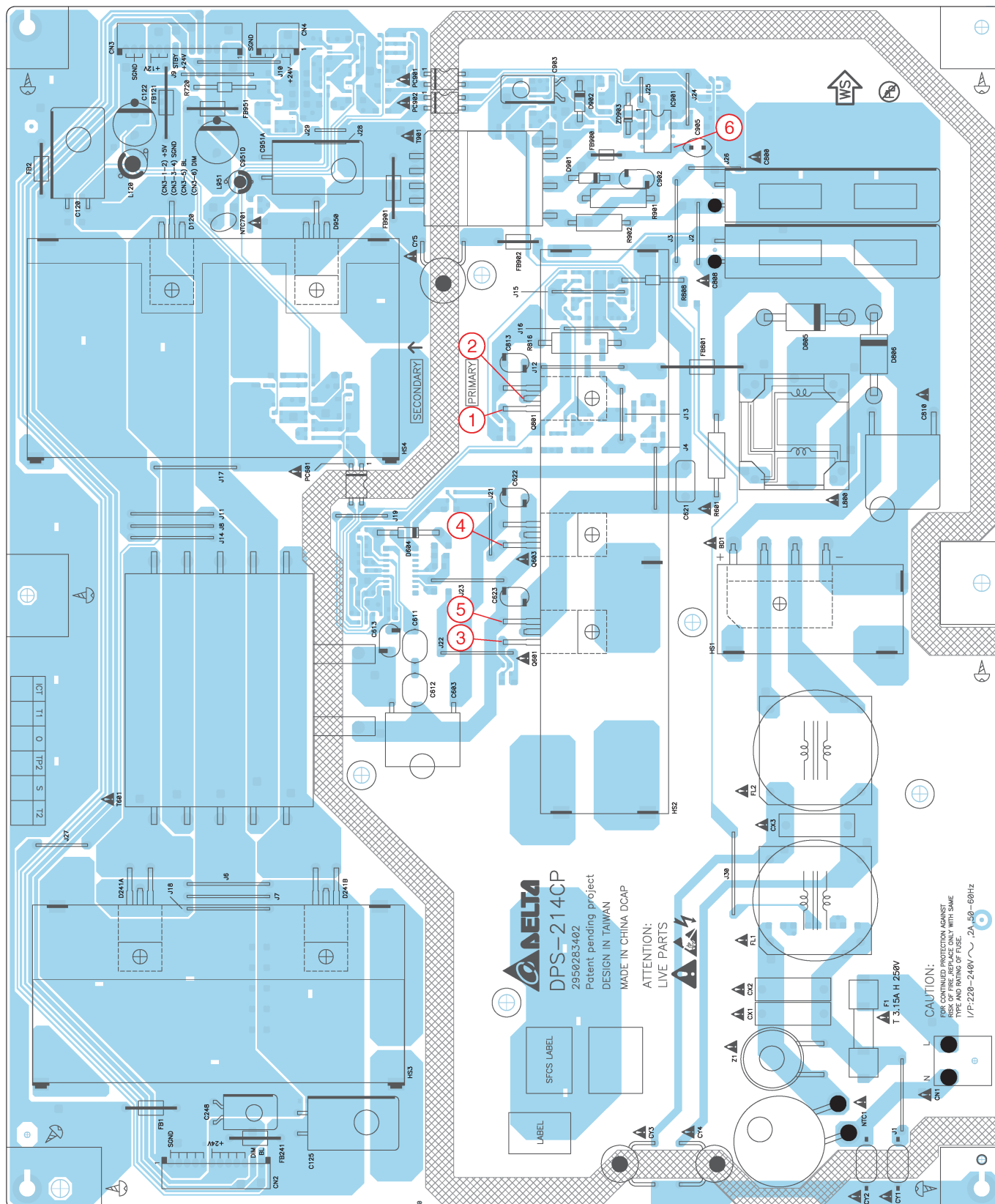






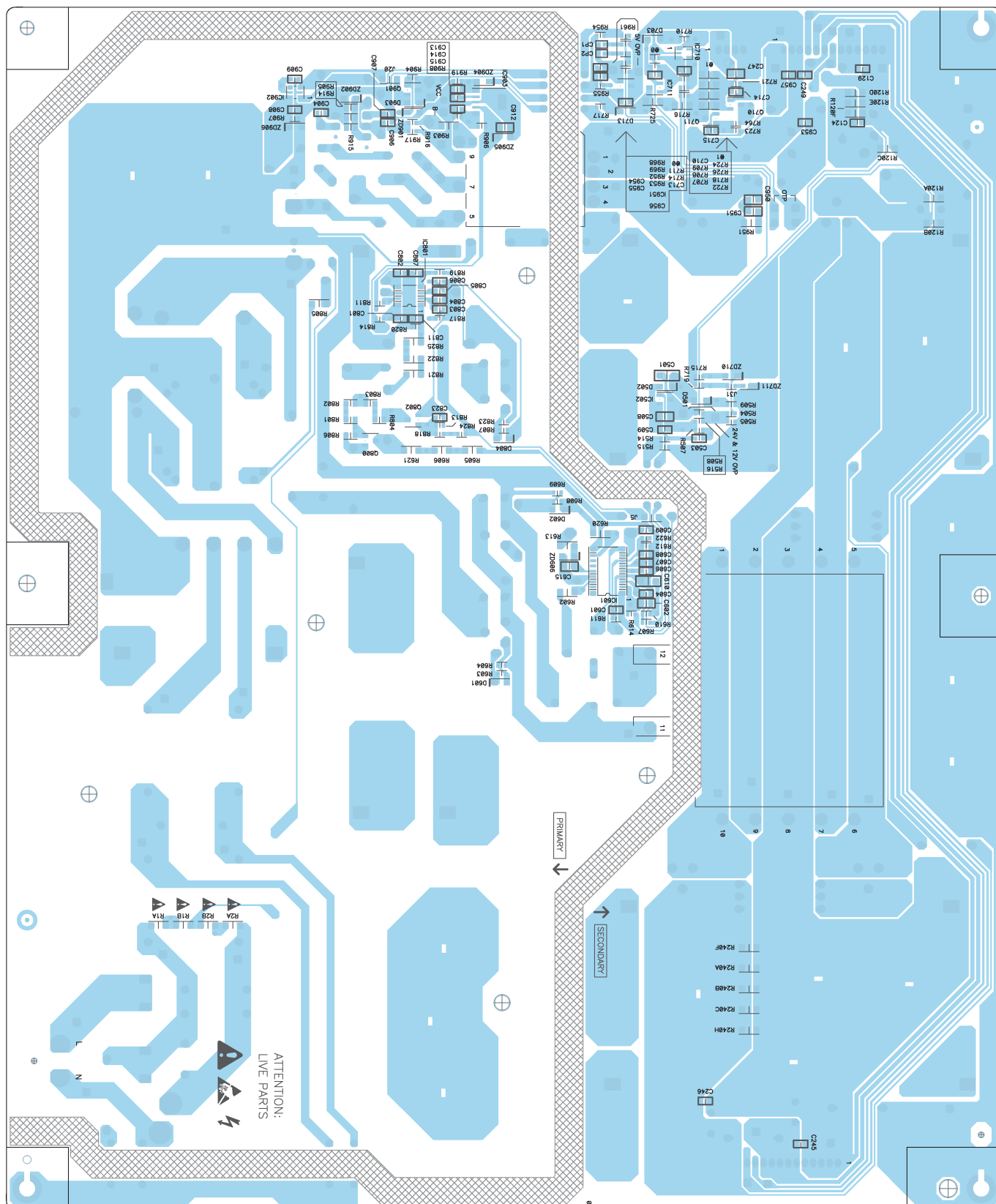
**Netzteil / Power Supply DPS-214CP**

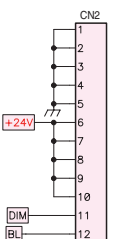
Ansicht von der Bestückungsseite / View of Component Side

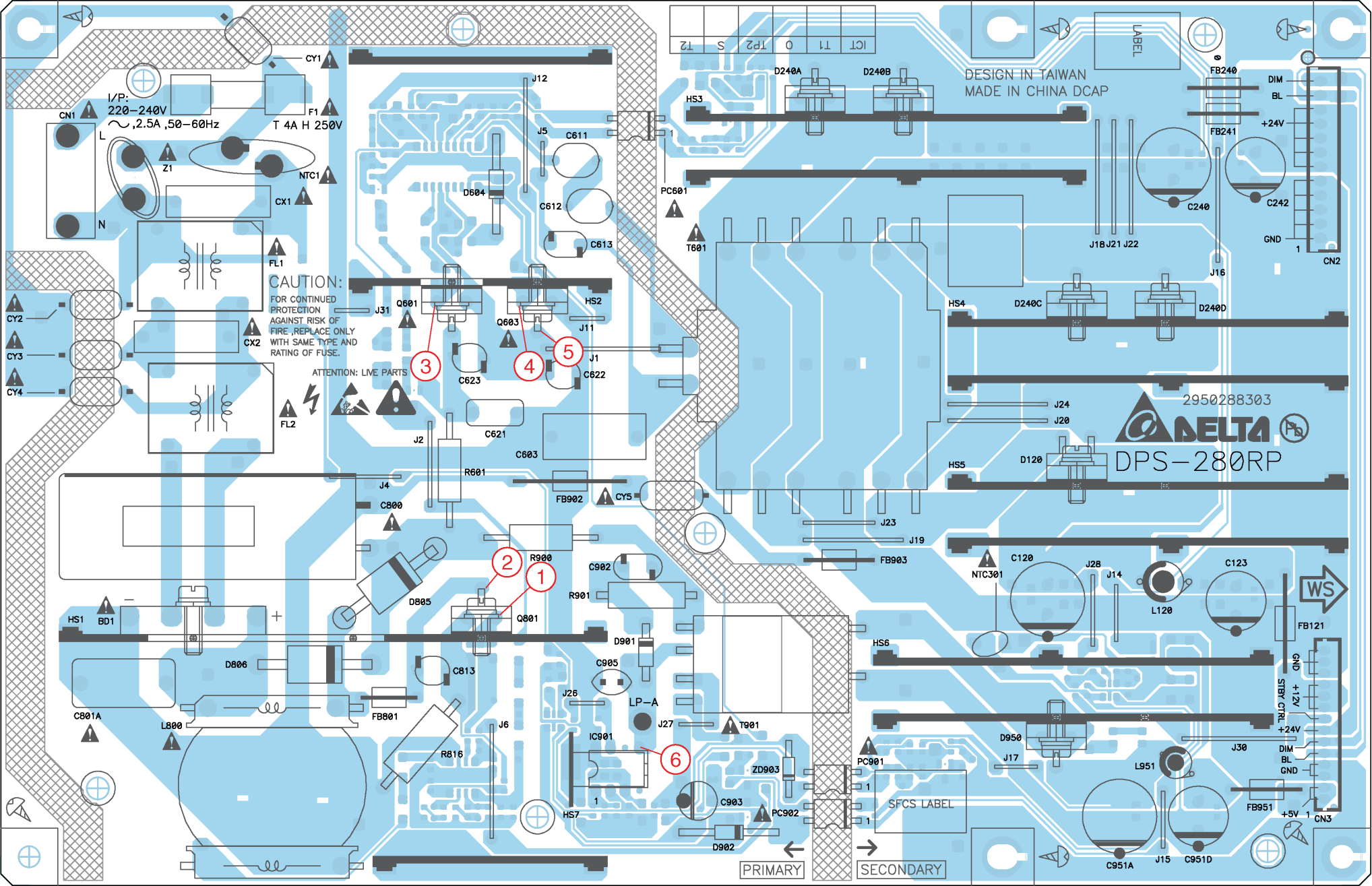


**Netzteil / Power Supply** DPS-214CP

Ansicht von der Lötseite / View of Solder Side



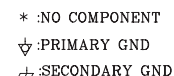






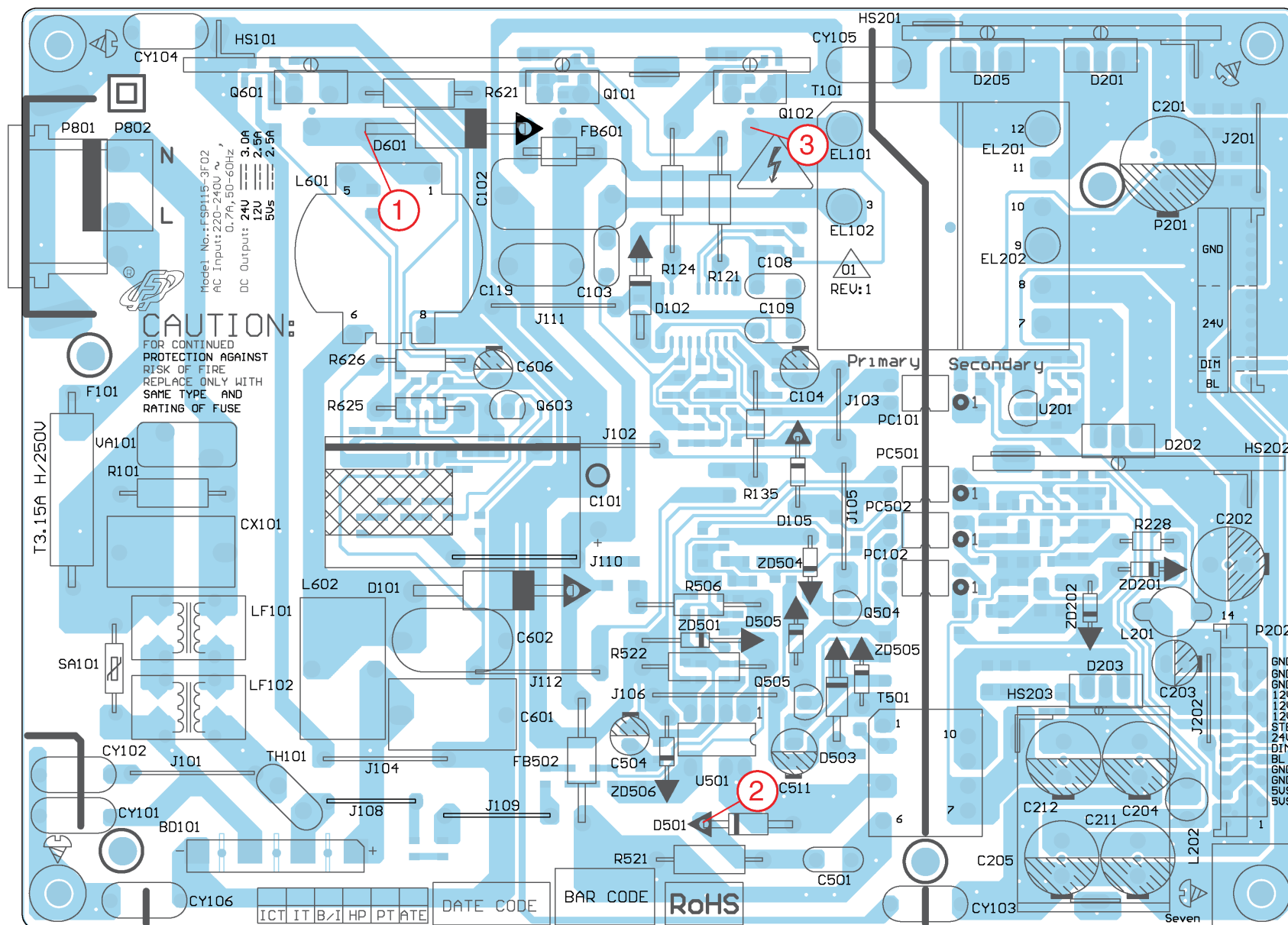


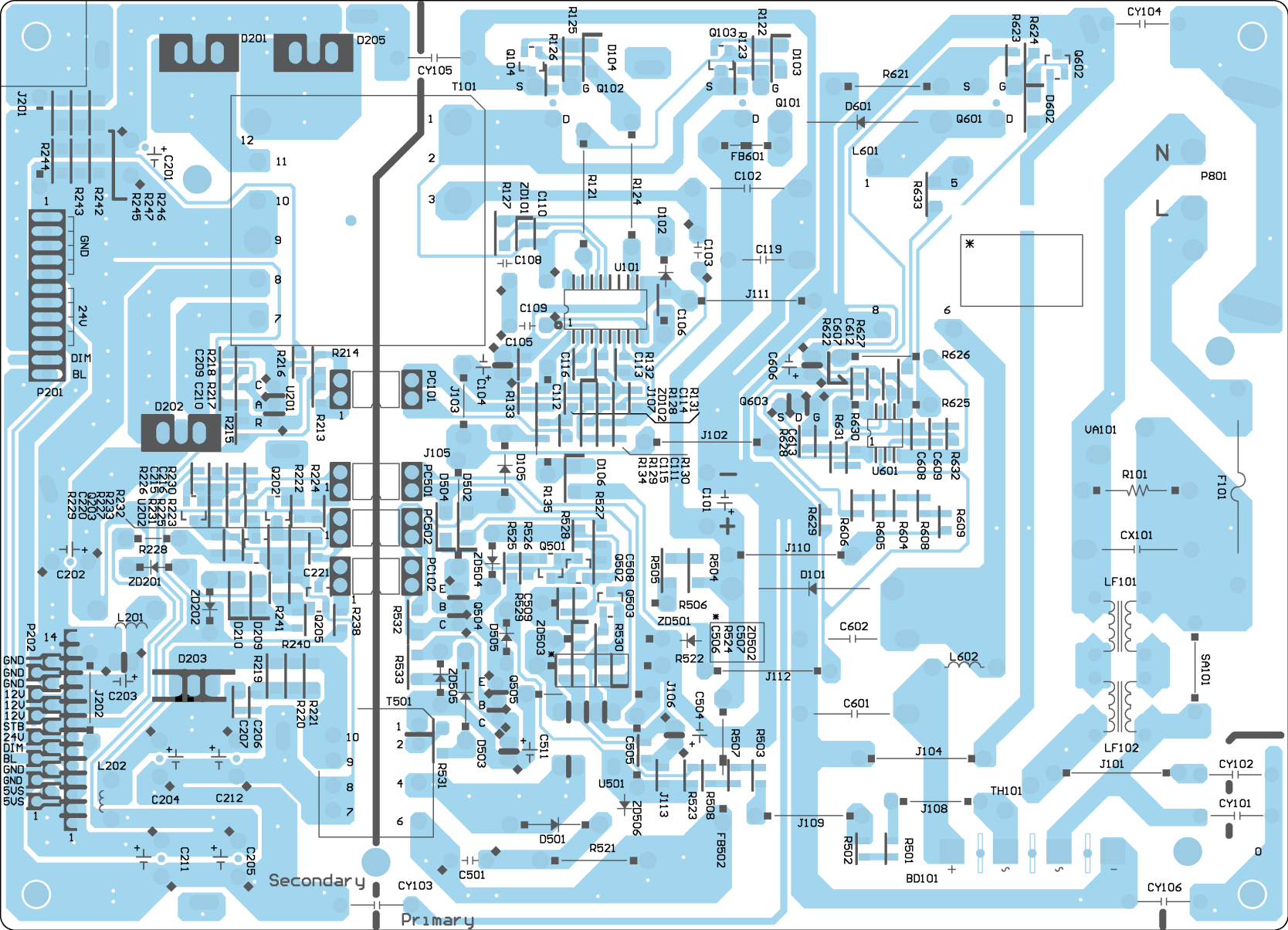


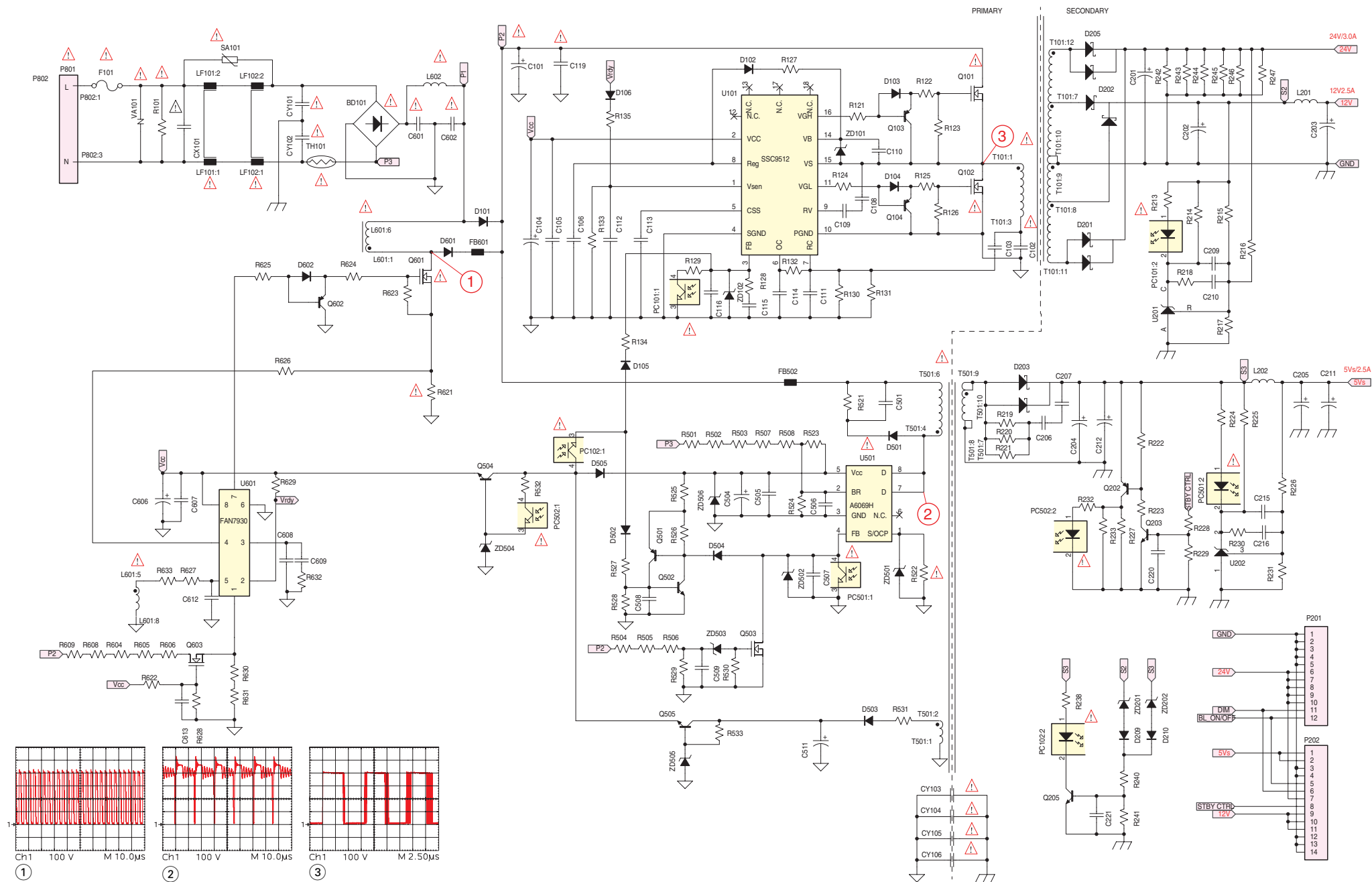


## Ansicht von der Bestückungsseite / View of Component Side

Ansicht von der Bestückungsseite / View of Component Side



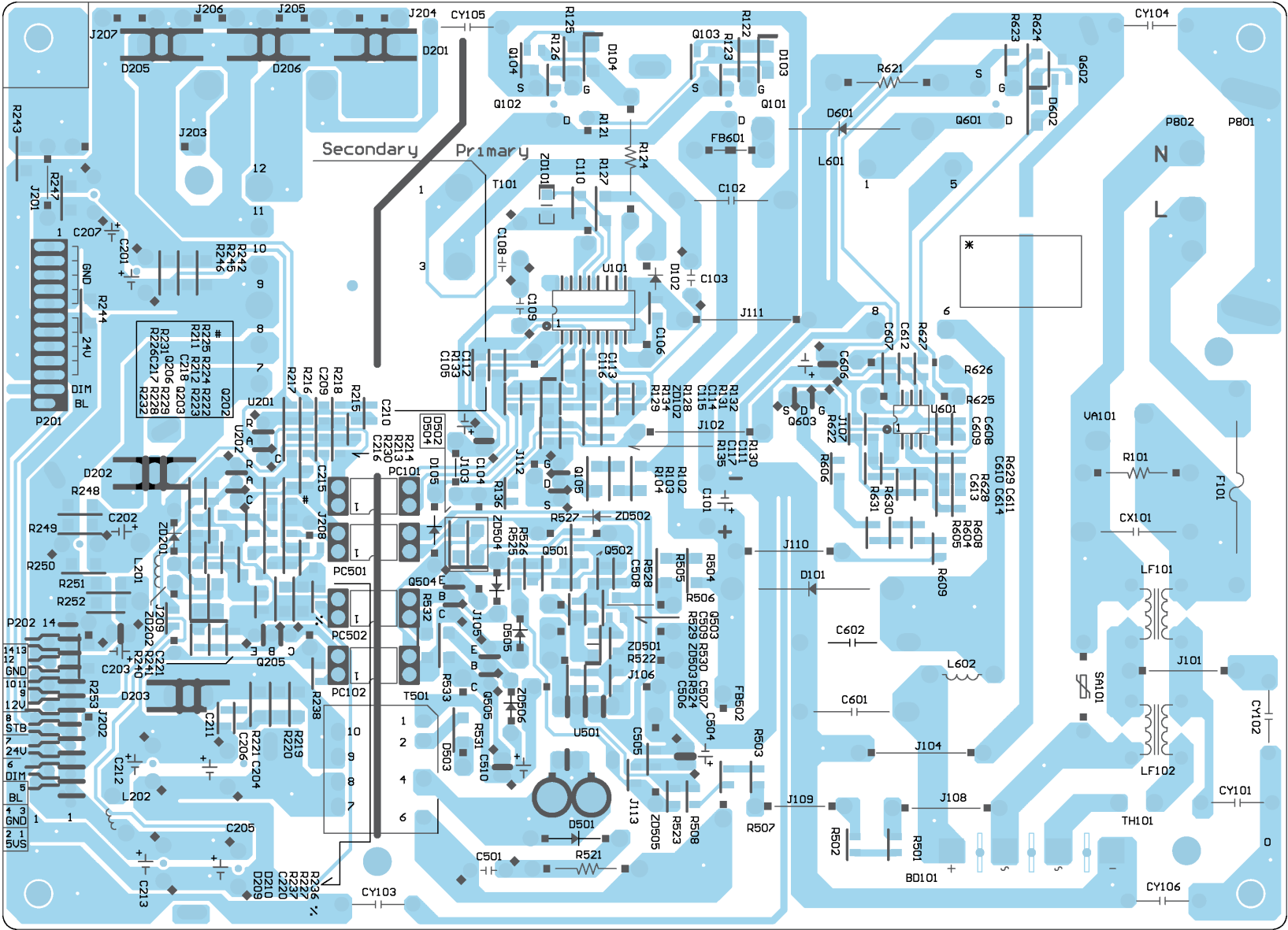


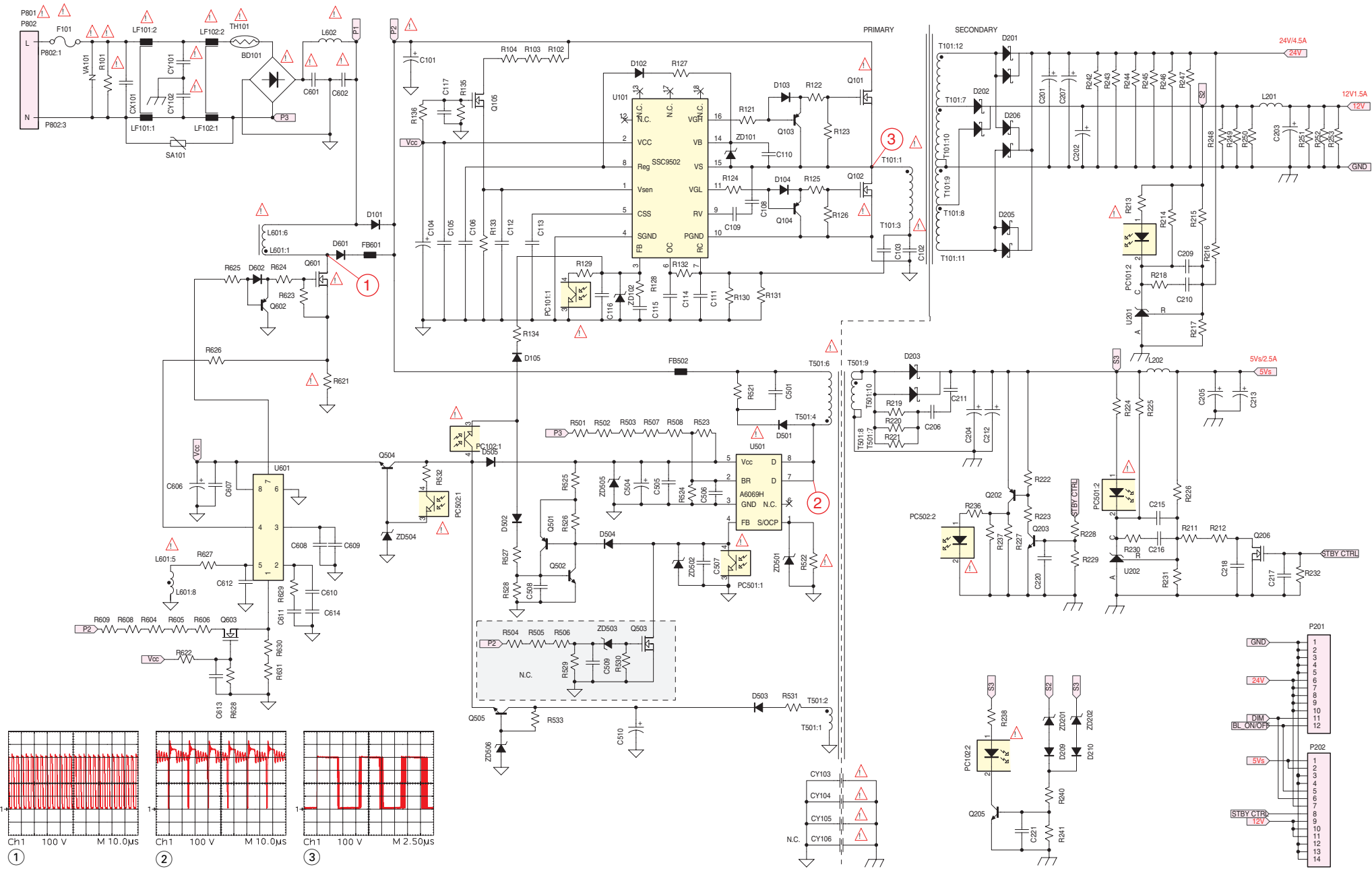


## Ansicht von der Bestückungsseite / View of Component Side



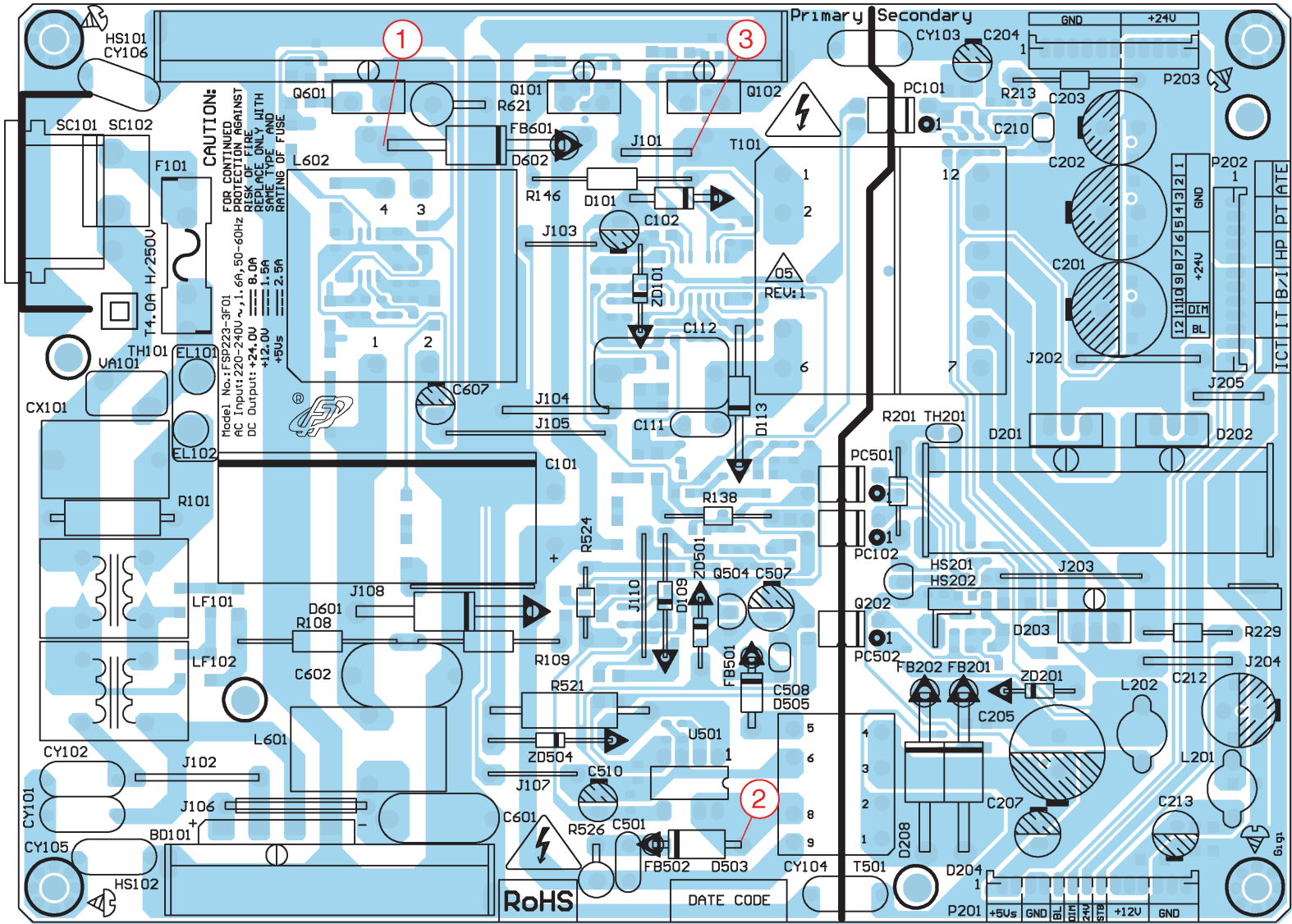


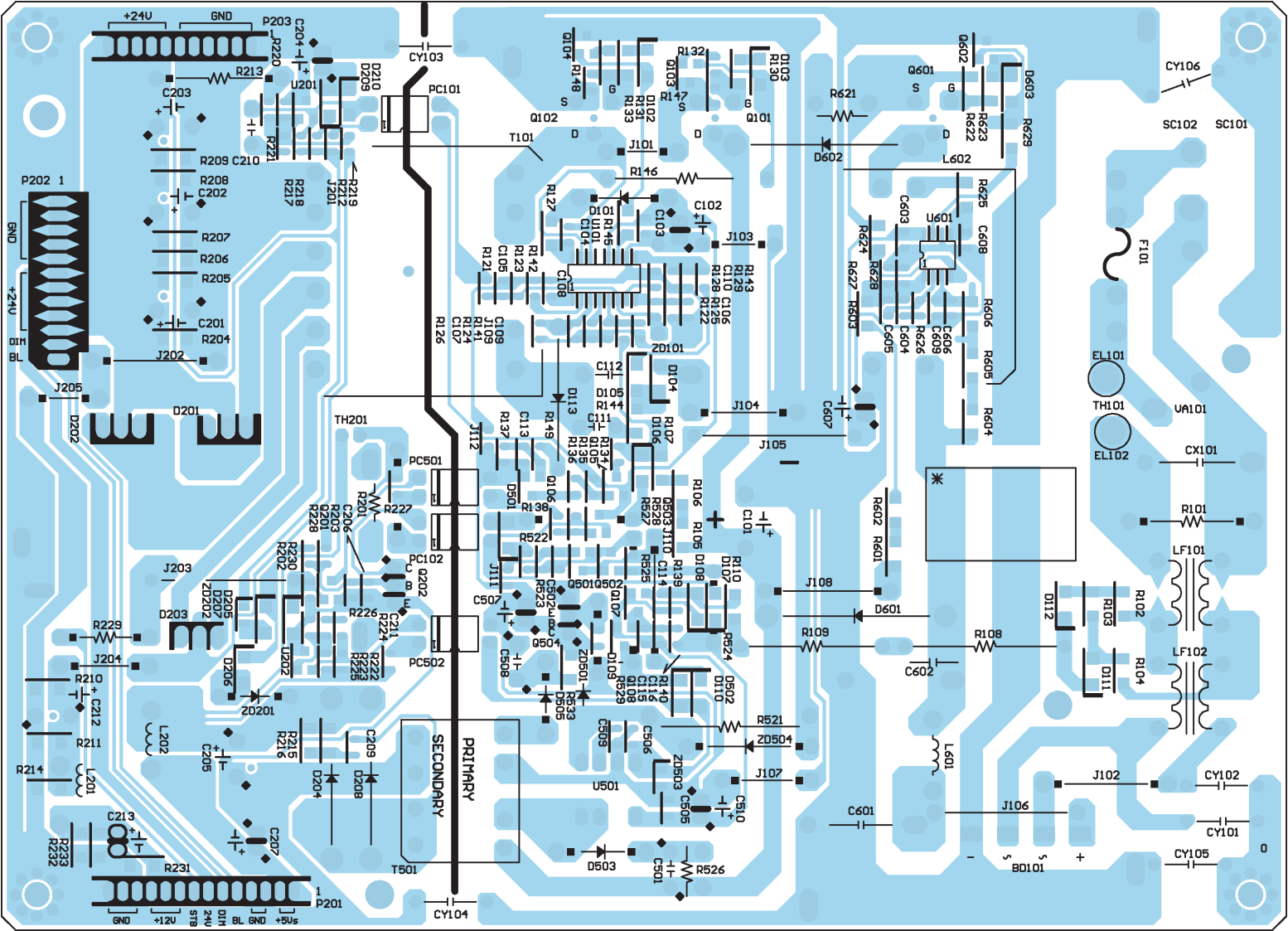


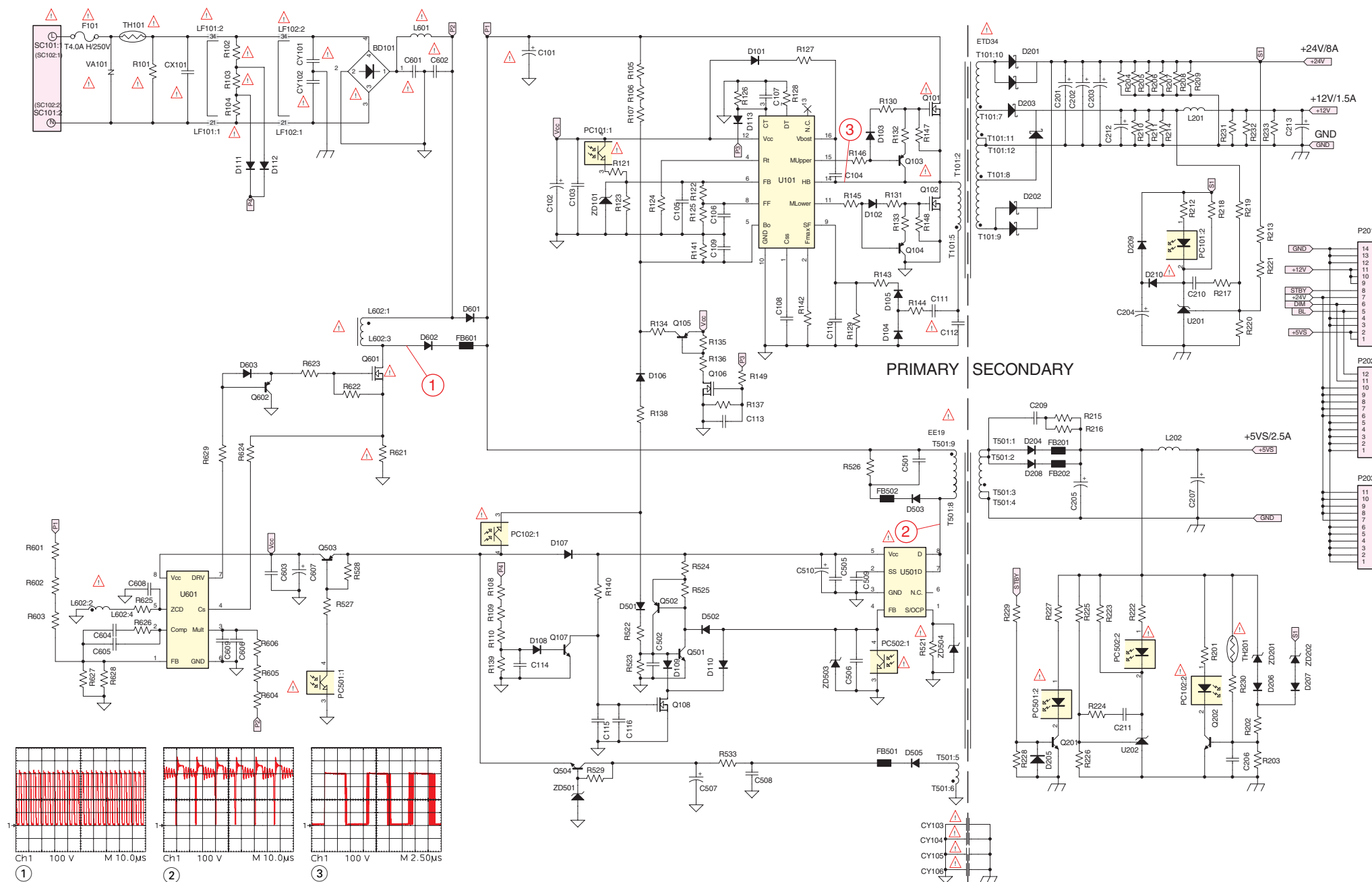


Netzteil / Power Supply FSP223-3F01

Ansicht von der Bestückungsseite / View of Component Side



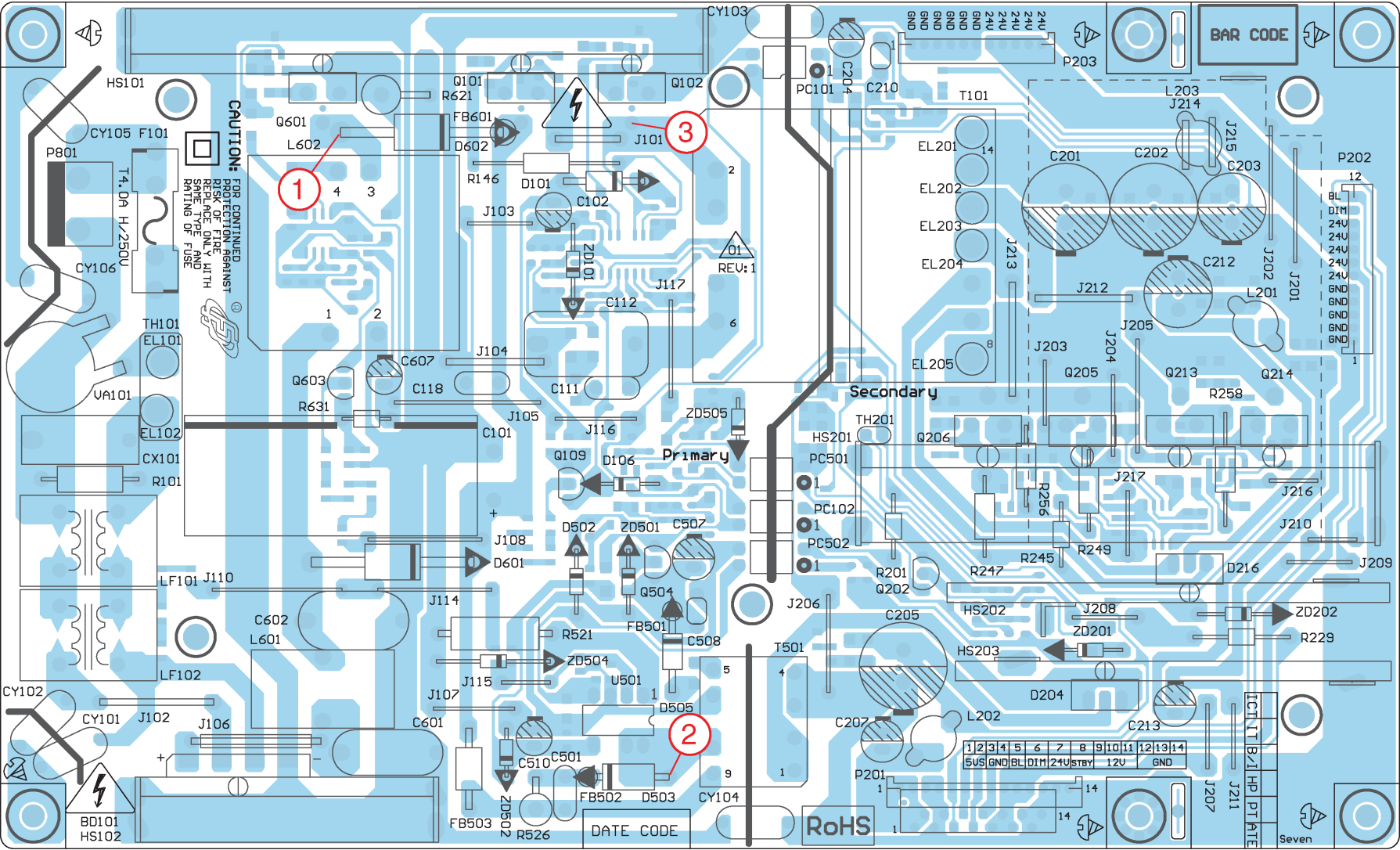


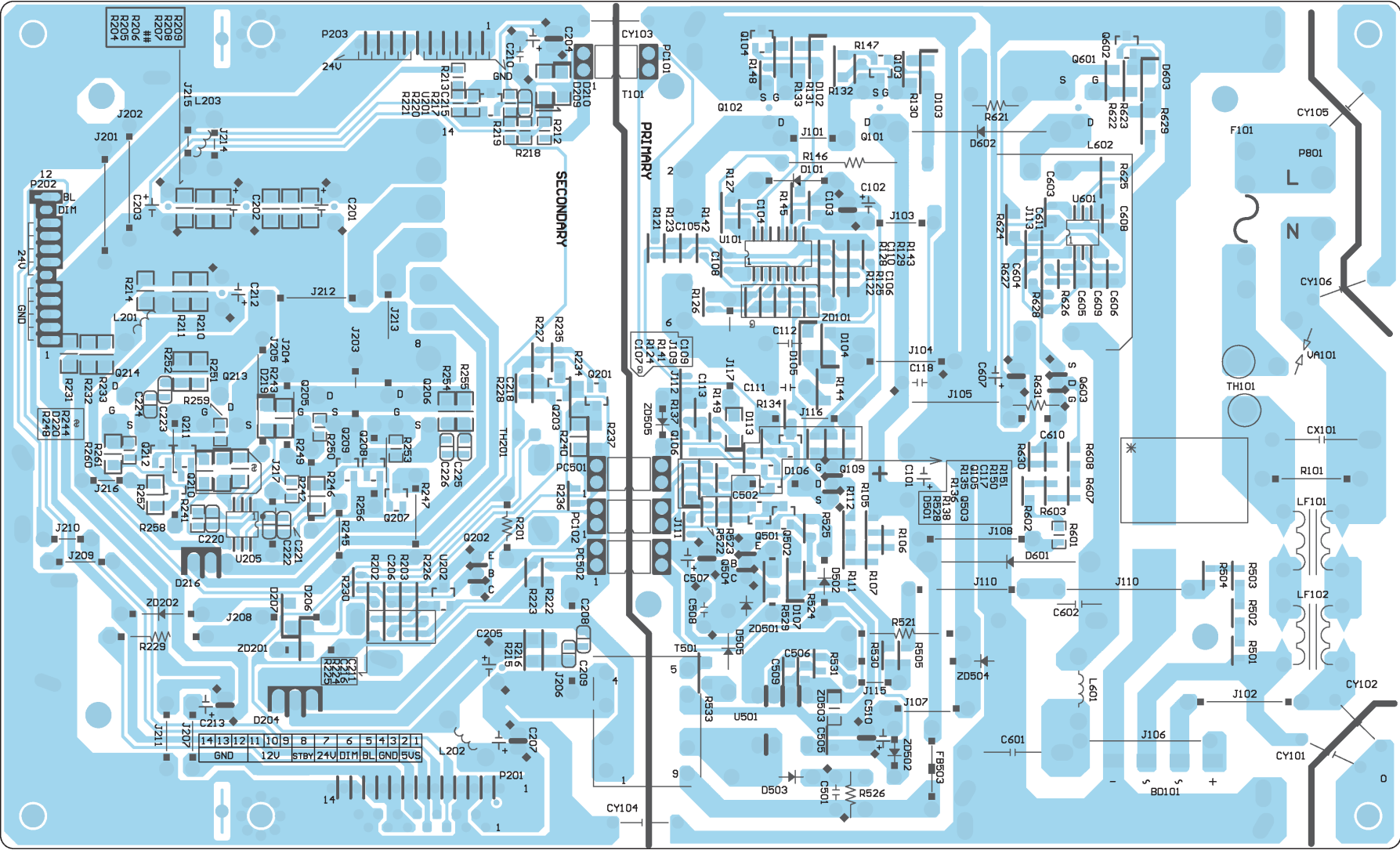


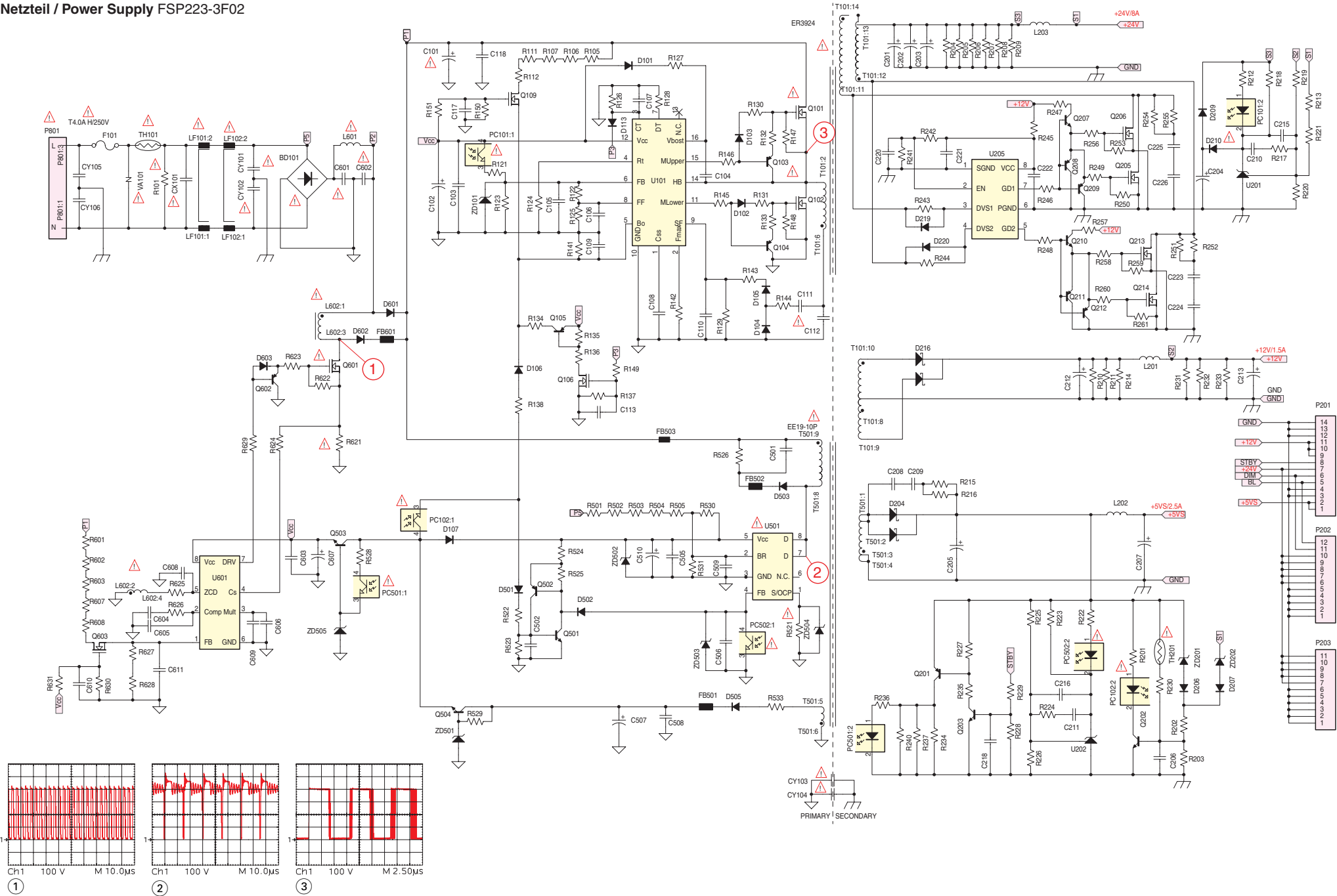


Netzteil / Power Supply FSP223-3F02

Ansicht von der Bestückungsseite / View of Component Side



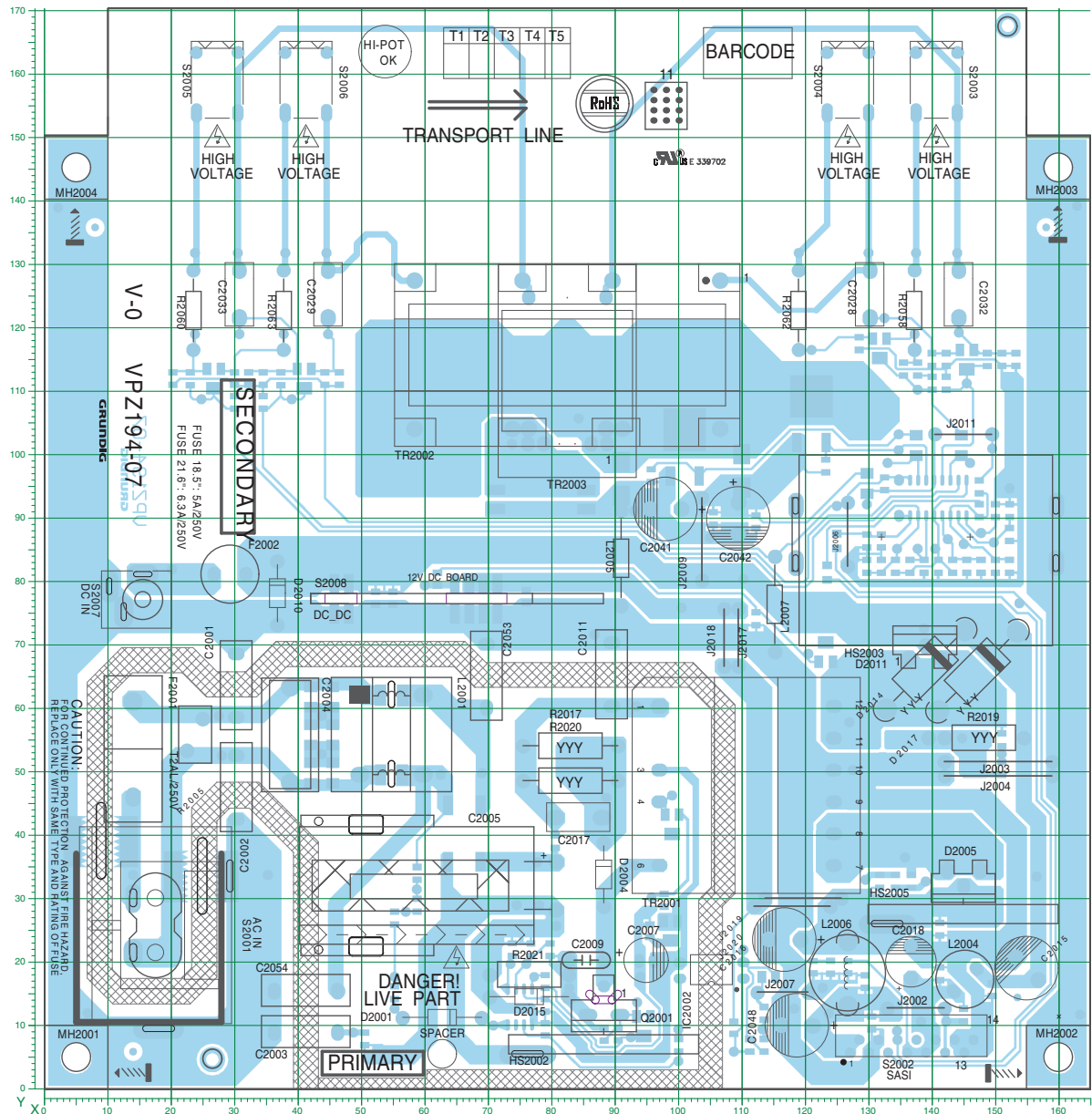




## Netzteil - Inverter / Power Supply - Inverter VPZ194-07

T: Bestückungsseite / Component Side  
B: Lötseite / Solder Side

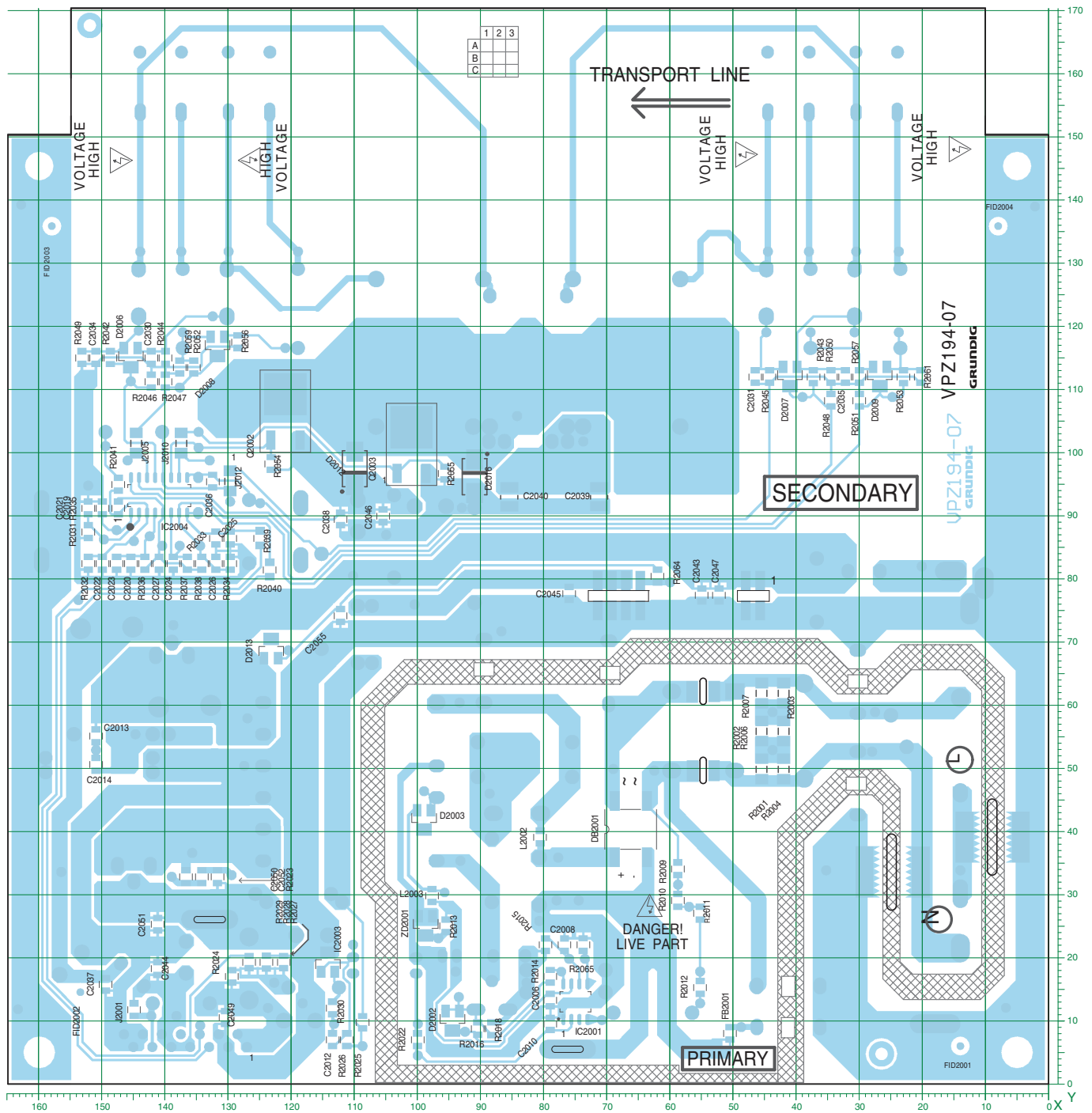
Ansicht von der Bestückungsseite / View of Component Side



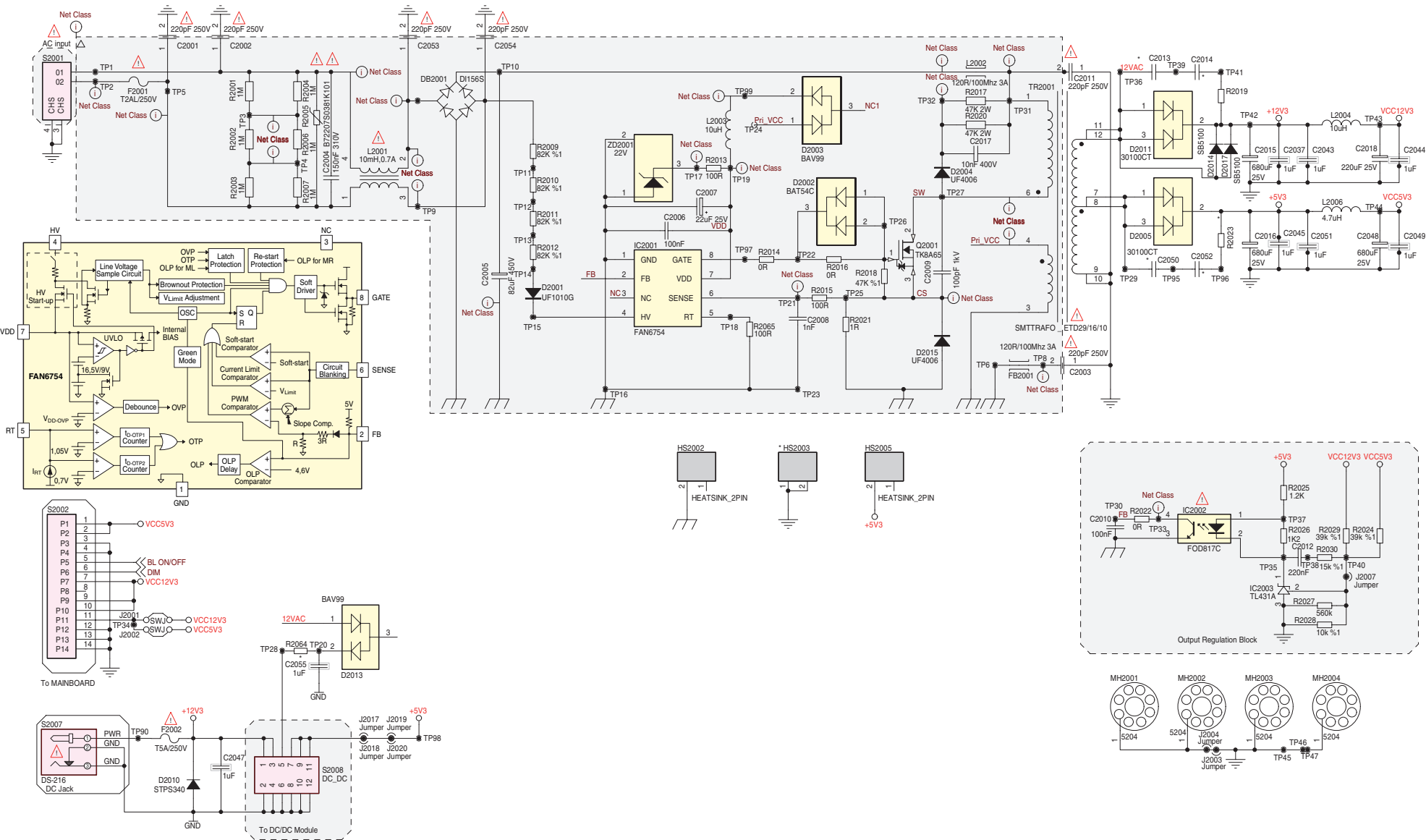
POS.	X	Y	POS.	X	Y	POS.	X	Y	POS.	X	Y	POS.	X	Y	POS.	X	Y	POS.	X	Y	POS.	X	Y								
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C2002	T	30	47	C2038	B	112	89					R2003	B	42	62	R2040	B	124	81	TP2	B	14	34	TP38	B	113	10	TP74	B	145	86
C2003	T	41	9	C2039	B	71	93	F2001	T	14	54	R2004	B	42	50	R2041	B	148	95	TP3	B	44	53	TP39	B	151	53	TP75	B	130	92
C2004	T	39	56	C2040	B	86	93	F2002	T	29	81	R2005	T	24	56	R2042	B	149	115	TP4	B	44	59	TP40	B	123	16	TP76	B	135	101
C2005	T	81	32	C2041	T	98	91					R2006	B	42	56	R2043	B	37	112	TP5	B	28	59	TP41	B	145	55	TP77	B	135	103
C2006	B	79	13	C2042	T	110	90	FB2001	B	51	8					R2044	B	140	115	TP6	B	81	26	TP42	B	157	34	TP78	B	93	91
C2007	T	95	20	C2043	B	55	77	IC2001	B	75	13	R2007	B	46	62	R2045	B	44	112	TP7	B	69	50	TP43	B	138	11	TP79	B	139	73
C2008	B	77	22	C2044	B	141	18	IC2002	T	105	19	R2009	B	59	34	R2046	B	142	111	TP8	B	49	9	TP44	B	124	12	TP80	B	121	116
C2009	T	86	20	C2045	B	76	78	IC2003	B	114	19	R2010	B	59	29	R2047	B	140	111	TP9	B	63	50	TP45	B	35	34	TP81	B	38	119
C2010	B	79	10	C2046	B	106	90	IC2004	B	141	93	R2011	B	55	27	R2048	B	35	108	TP10	B	78	36	TP46	B	118	13	TP82	B	137	119
C2011	T	90	65					J2001	B	145	12	R2012	B	55	15																
C2012	B	114	7	C2047	B	52	77	J2002	T	138	13	R2013	B	96	25	R2049	B	153	115	TP11	B	59	32	TP47	B	128	50	TP83	B	152	95
C2013	B	151	55	C2048	T	119	10	J2003	T	151	51	R2014	B	79	17	R2050	B	35	112	TP12	B	57	28	TP48	B	105	87	TP84	B	24	119
C2014	B	151	51	C2049	B	131	11	J2004	T	151	49	R2015	B	80	22	R2051	B	30	108	TP13	B	55	18	TP49	B	74	102	TP85	B	125	92
C2015	T	155	19	C2050	B	137	33	J2005	B	145	101	R2016	B	91	9	R2052	B	136	113	TP14	B	55	13	TP50	B	84	106	TP86	B	24	132
				C2051	B	141	25					R2017	T	83	54	R2053	B	23	112	TP15	B	71	10	TP51	B	87	72	TP87	B	119	132
								J2006	T	127	87																				
C2016	T	117	24	C2052	B	134	33	J2007	T	117	15	R2018	B	88	9	R2054	B	123	98	TP16	B	78	29	TP52	B	154	76	TP88	B	38	132
C2017	T	84	43	C2053	T	70	65	J2009	T	104	87	R2019	T	148	55	R2055	B	96	97	TP17	B	97	23	TP53	B	135	96	TP89	B	138	132
C2018	T	137	20	C2054	T	41	15	J2010	B	138	101	R2020	T	83	49	R2056	B	129	117	TP18	B	74	20	TP54	B	148	88	TP90	B	20	82
C2019	B	150	91	C2055	B	112	74	J2011	T	145	103	R2021	T	77	18	R2057	B	30	112	TP19	B	94	18	TP55	B	150	86	TP91	B	143	87
C2020	B	146	82					J2012	B	130	95	R2022	B	100	7	R2058	T	137	123	TP20	B	121	69	TP56	B	141	85	TP92	B	150	101
C2021	B	152	91	D2001	T	63	11	J2017	T	110	71	R2023	B	132	33	R2059	B	138	113	TP21	B	76	20	TP57	B	138	85	TP93	B	133	99
C2022	B	150	82	D2002	B	95	10	J2018	T	107	71	R2024	B	130	17	R2060	T	24	123	TP22	B	93	8	TP58	B	135	85	TP94	B	146	99
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C2024	B	139	82	D2004	T	88	34	J2020	T	118	29	R2026	B	111	7	R2062	T	119	123	TP24	B	99	46	TP60	B	135	9	TP96	B	130	33
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C2027	B	141	82	D2008	B	132	117	L2003	B	98	30	R2029	B	127	19	R2065	B	74	22	TP27	B	93	35	TP63	B	130	132	TP99	B	96	30
C2028	T	130	125	D2009	B	27	112	L2004	T	145	17	R2030	B	114	12					TP28	B	60	79	TP64	B	45	132				
C2029	T	45	125	D2010	T	37	78	L2005	T	91	84	R2031	B	152	87	S2001	T	22	22	TP29	B	136	37	TP65	B	133	121	TR2001	T	111	48
C2030	B	142	115									R2032	B	152	82	S2002	T	136	8	TP30	B	100	5	TP66	B	45	119	TR2002	T	83	116
C2031	B	47	112	D2011	T	139	69	L2006	T	127	18					S2003	T	141	158												
C2032	T	144	125	D2012	B	110	97	L2007	T	115	76	R2033	B	132	86	S2004	T	127	158	TP31	B	93	60	TP67	B	144	132	TR2003	T	83	113
C2033	T	31	125	D2013	B	123	69					R2034	B	130	82	S2005	T	27	158	TP32	B	89	46	TP68	B	31	132				
C2034	B	151	115	D2014	T	139	66	Q2001	T	88	14	R2035	B	148	91					TP33	B	100	10	TP69	B	144	119				
C2035	B	32	112	D2015	T	77	15	Q2002	B	121	107	R2036	B	143	82	S2006	T	41	158	TP34	B	142	11	TP70	B	31	119				
C2036	B	133	95	D2016	B	91	96	Q2003	B	101	101	R2037	B	137	82	S2007	T	13	78	TP35	B	110	22	TP71	B	110	80				
				D2017	T	147	66									S2008	T	59	77												
								R2001	B	46	50	R2038	B	134	82					TP36	B	127	58	TP72	B	138	110				

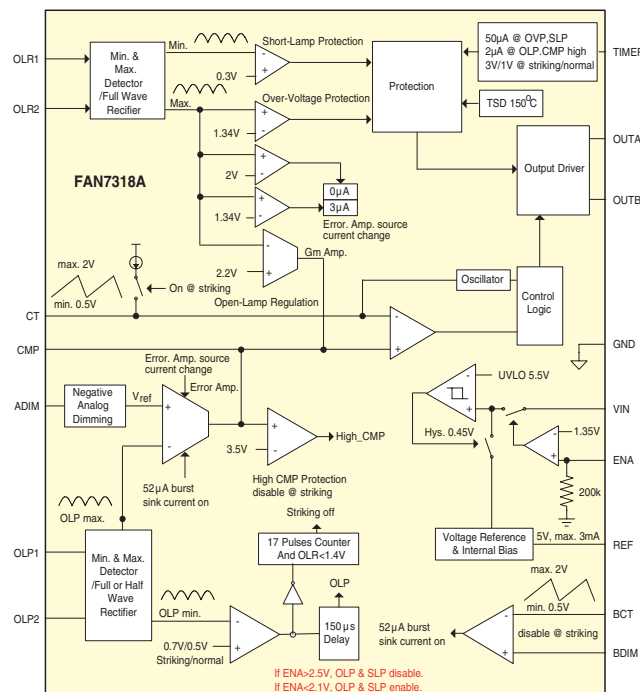
## Netzteil - Inverter / Power Supply - Inverter VPZ194-07

Ansicht von der Lötseite / View of Solder Side









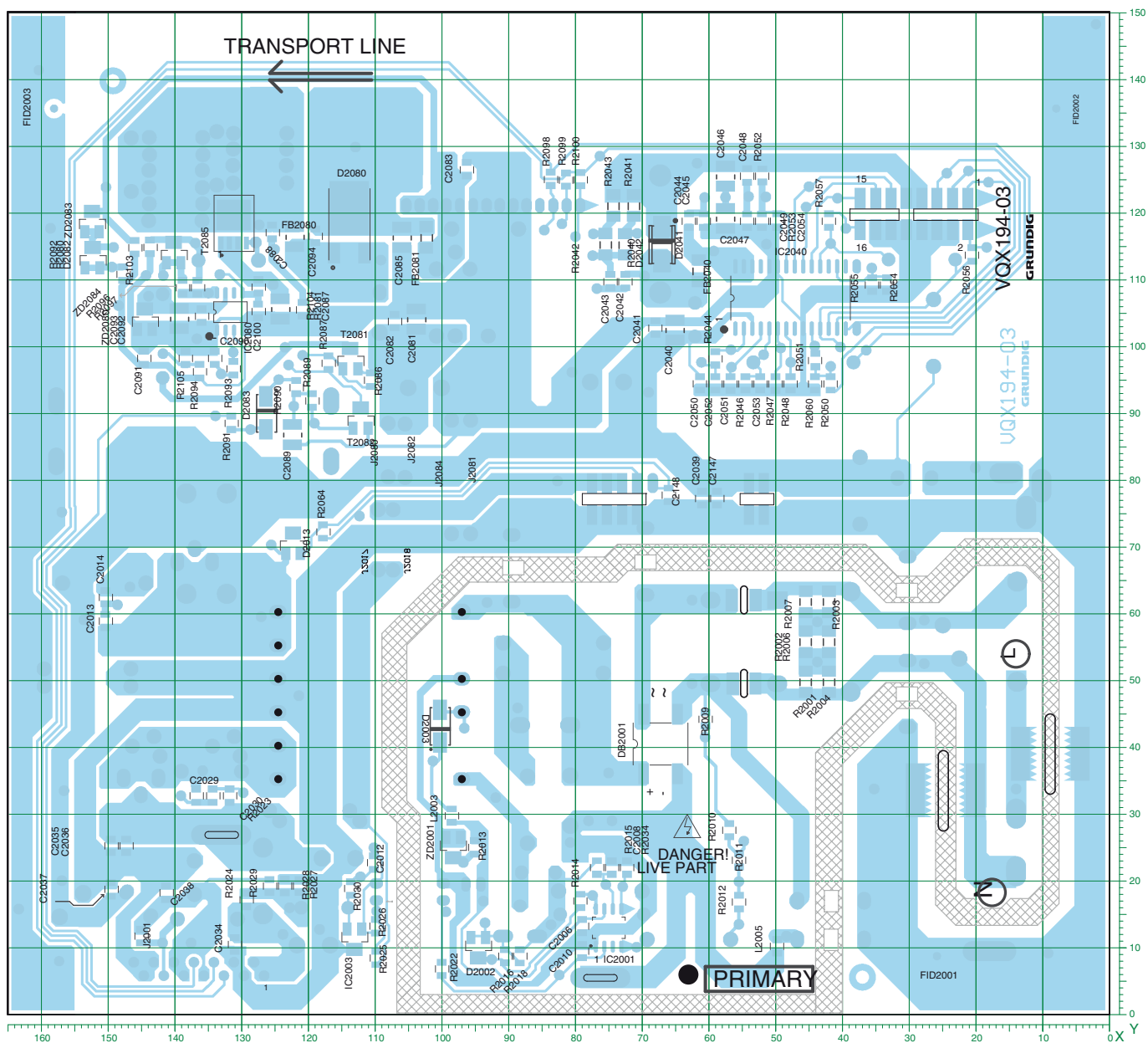
**T:** Bestückungsseite / Component Side  
**B:** Lötseite / Solder Side

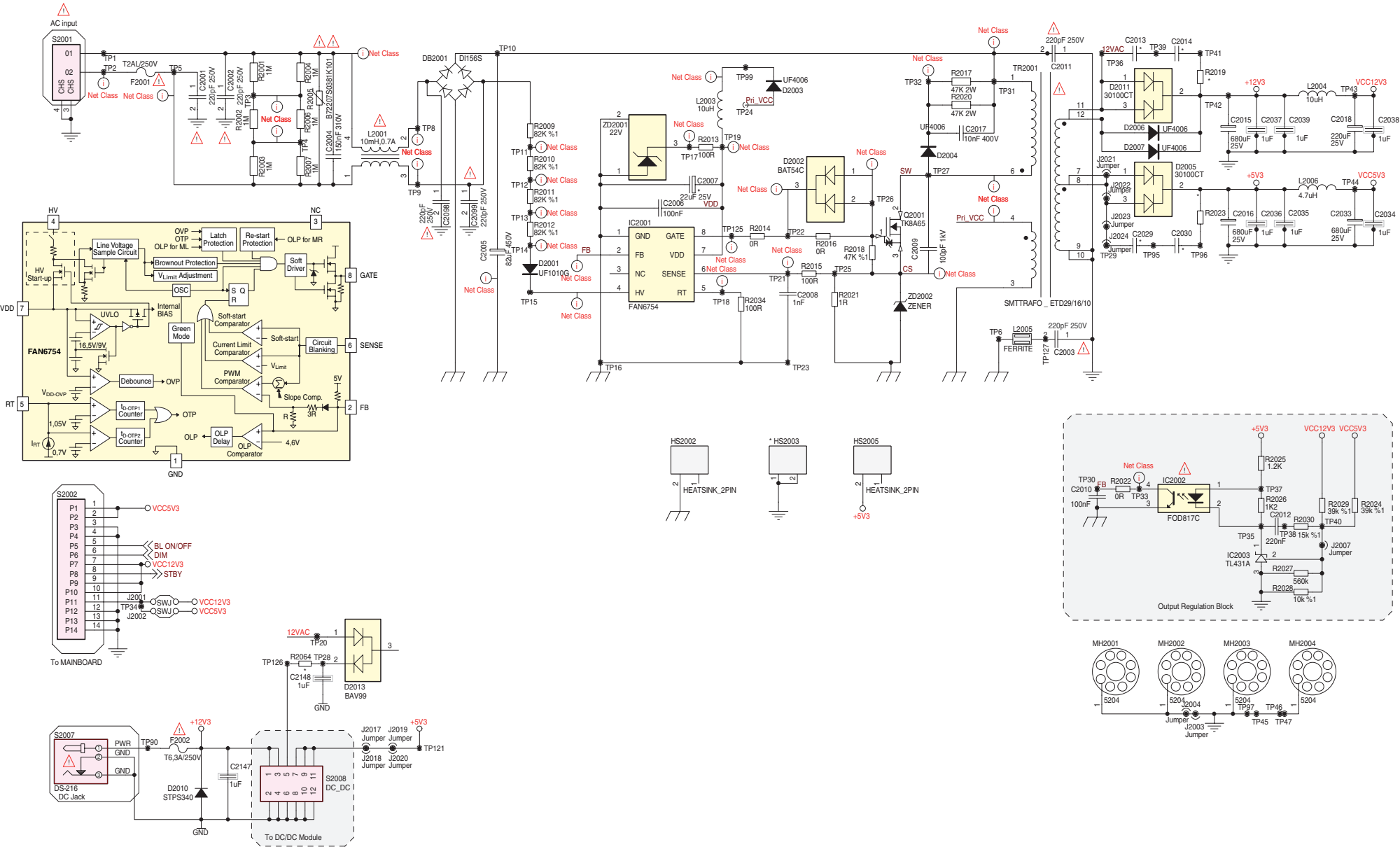
The image shows a complex PCB layout for a power supply. Key features include:

- Primary Winding Area:** Located at the bottom, labeled 'PRIMARY' and 'DANGER! LIVE PART'. It contains components like S2001, C2003, C2002, C2001, C2005, C2007, C2009, C2010, C2011, C2012, C2017, C2018, C2019, C2020, C2021, C2022, C2023, C2024, C2025, C2026, C2027, C2028, C2029, C2030, C2031, C2032, C2033, C2034, C2035, C2036, C2037, C2038, C2039, C2040, C2041, C2042, C2043, C2044, C2045, C2046, C2047, C2048, C2049, C2050, C2051, C2052, C2053, C2054, C2055, C2056, C2057, C2058, C2059, C2060, C2061, C2062, C2063, C2064, C2065, C2066, C2067, C2068, C2069, C2070, C2071, C2072, C2073, C2074, C2075, C2076, C2077, C2078, C2079, C2080, C2081, C2082, C2083, C2084, C2085, C2086, C2087, C2088, C2089, C2090, C2091, C2092, C2093, C2094, C2095, C2096, C2097, C2098, C2099, C2100, C2101, C2102, C2103, C2104, C2105, C2106, C2107, C2108, C2109, C2110, C2111, C2112, C2113, C2114, C2115, C2116, C2117, C2118, C2119, C2120, C2121, C2122, C2123, C2124, C2125, C2126, C2127, C2128, C2129, C2130, C2131, C2132, C2133, C2134, C2135, C2136, C2137, C2138, C2139, C2140, C2141, C2142, C2143, C2144, C2145, C2146, C2147, C2148, C2149, C2150, C2151, C2152, C2153, C2154, C2155, C2156, C2157, C2158, C2159, C2160, C2161, C2162, C2163, C2164, C2165, C2166, C2167, C2168, C2169, C2170, C2171, C2172, C2173, C2174, C2175, C2176, C2177, C2178, C2179, C2180, C2181, C2182, C2183, C2184, C2185, C2186, C2187, C2188, C2189, C2190, C2191, C2192, C2193, C2194, C2195, C2196, C2197, C2198, C2199, C2200, C2201, C2202, C2203, C2204, C2205, C2206, C2207, C2208, C2209, C2210, C2211, C2212, C2213, C2214, C2215, C2216, C2217, C2218, C2219, C2220, C2221, C2222, C2223, C2224, C2225, C2226, C2227, C2228, C2229, C2230, C2231, C2232, C2233, C2234, C2235, C2236, C2237, C2238, C2239, C2240, C2241, C2242, C2243, C2244, C2245, C2246, C2247, C2248, C2249, C2250, C2251, C2252, C2253, C2254, C2255, C2256, C2257, C2258, C2259, C2260, C2261, C2262, C2263, C2264, C2265, C2266, C2267, C2268, C2269, C2270, C2271, C2272, C2273, C2274, C2275, C2276, C2277, C2278, C2279, C2280, C2281, C2282, C2283, C2284, C2285, C2286, C2287, C2288, C2289, C2290, C2291, C2292, C2293, C2294, C2295, C2296, C2297, C2298, C2299, C2300, C2301, C2302, C2303, C2304, C2305, C2306, C2307, C2308, C2309, C2310, C2311, C2312, C2313, C2314, C2315, C2316, C2317, C2318, C2319, C2320, C2321, C2322, C2323, C2324, C2325, C2326, C2327, C2328, C2329, C2330, C2331, C2332, C2333, C2334, C2335, C2336, C2337, C2338, C2339, C2340, C2341, C2342, C2343, C2344, C2345, C2346, C2347, C2348, C2349, C2350, C2351, C2352, C2353, C2354, C2355, C2356, C2357, C2358, C2359, C2360, C2361, C2362, C2363, C2364, C2365, C2366, C2367, C2368, C2369, C2370, C2371, C2372, C2373, C2374, C2375, C2376, C2377, C2378, C2379, C2380, C2381, C2382, C2383, C2384, C2385, C2386, C2387, C2388, C2389, C2390, C2391, C2392, C2393, C2394, C2395, C2396, C2397, C2398, C2399, C2400, C2401, C2402, C2403, C2404, C2405, C2406, C2407, C2408, C2409, C2410, C2411, C2412, C2413, C2414, C2415, C2416, C2417, C2418, C2419, C2420, C2421, C2422, C2423, C2424, C2425, C2426, C2427, C2428, C2429, C2430, C2431, C2432, C2433, C2434, C2435, C2436, C2437, C2438, C2439, C2440, C2441, C2442, C2443, C2444, C2445, C2446, C2447, C2448, C2449, C2450, C2451, C2452, C2453, C2454, C2455, C2456, C2457, C2458, C2459, C2460, C2461, C2462, C2463, C2464, C2465, C2466, C2467, C2468, C2469, C2470, C2471, C2472, C2473, C2474, C2475, C2476, C2477, C2478, C2479, C2480, C2481, C2482, C2483, C2484, C2485, C2486, C2487, C2488, C2489, C2490, C2491, C2492, C2493, C2494, C2495, C2496, C2497, C2498, C2499, C2500, C2501, C2502, C2503, C2504, C2505, C2506, C2507, C2508, C2509, C2510, C2511, C2512, C2513, C2514, C2515, C2516, C2517, C2518, C2519, C2520, C2521, C2522, C2523, C2524, C2525, C2526, C2527, C2528, C2529, C2530, C2531, C2532, C2533, C2534, C2535, C2536, C2537, C2538, C2539, C2540, C2541, C2542, C2543, C2544, C2545, C2546, C2547, C2548, C2549, C2550, C2551, C2552, C2553, C2554, C2555, C2556, C2557, C2558, C2559, C2560, C2561, C2562, C2563, C2564, C2565, C2566, C2567, C2568, C2569, C2570, C2571, C2572, C2573, C2574, C2575, C2576, C2577, C2578, C2579, C2580, C2581, C2582, C2583, C2584, C2585, C2586, C2587, C2588, C2589, C2590, C2591, C2592, C2593, C2594, C2595, C2596, C2597, C2598, C2599, C2600, C2601, C2602, C2603, C2604, C2605, C2606, C2607, C2608, C2609, C2610, C2611, C2612, C2613, C2614, C2615, C2616, C2617, C2618, C2619, C2620, C2621, C2622, C2623, C2624, C2625, C2626, C2627, C2628, C2629, C2630, C2631, C2632, C2633, C2634, C2635, C2636, C2637, C2638, C2639, C2640, C2641, C2642, C2643, C2644, C2645, C2646, C2647, C2648, C2649, C2650, C2651, C2652, C2653, C2654, C2655, C2656, C2657, C2658, C2659, C2660, C2661, C2662, C2663, C2664, C2665, C2666, C2667, C2668, C2669, C2670, C2671,

POS.	X	Y	POS.	X	Y	POS.	X	Y	POS.	X	Y	POS.	X	Y	POS.	X	Y	POS.	X	Y	POS.	X	Y	POS.	X	Y					
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C2002	T	30	48	C2081	B	104	104	IC2002	T	105	18	R2001	B	46	50	R2054	B	33	109	TP6	B	81	26	TP54	B	76	128	TP97	B	159	118
C2003	T	42	11	C2082	B	107	104	IC2003	B	113	11	R2002	B	46	56	R2055	B	36	109	TP8	B	63	62	TP55	B	82	118	TP99	B	101	38
C2004	T	39	56	C2083	B	96	126	IC2040	B	48	107	R2003	B	42	62	R2056	B	21	114	TP9	B	63	50	TP56	B	137	101	TP100	B	121	99
C2005	T	62	32	C2085	B	106	116	IC2080	B	132	105	R2004	B	42	50	R2057	B	42	119	TP10	B	75	36	TP57	B	61	98	TP101	B	129	88
C2006	B	79	13	C2086	T	98	112	J2001	B	145	12	R2005	T	24	56	R2058	T	28	113	TP11	B	61	42	TP58	B	150	124	TP102	B	124	95
C2007	T	95	20	C2087	B	121	106	J2002	T	135	14	R2006	B	42	56	R2059	T	26	102	TP12	B	55	26	TP59	B	85	117	TP103	B	122	99
C2008	B	75	22	C2088	B	125	117	J2003	T	153	52	R2007	B	46	62	R2060	B	44	94	TP13	B	56	20	TP60	B	36	99	TP104	B	119	88
C2009	T	86	21	C2089	B	122	87	J2004	T	153	49	R2009	B	61	44	R2064	B	118	72	TP14	B	56	14	TP61	B	157	75	TP105	B	123	100
C2010	B	79	10	C2090	B	134	98	J2007	T	118	16	R2010	B	57	28	R2080	B	144	115	TP15	B	71	10	TP62	B	71	117	TP106	B	142	111
C2011	T	90	67	C2091	B	145	98	J2017	T	110	71	R2011	B	56	23	R2081	B	124	106	TP16	B	78	29	TP63	B	77	109	TP107	B	127	118
C2012	B	110	23	C2092	B	136	105	J2018	T	107	71	R2012	B	56	17	R2086	B	111	95	TP17	B	97	23	TP64	B	77	114	TP108	B	137	115
C2013	B	150	59	C2093	B	139	104	J2019	T	120	31	R2013	B	95	25	R2087	B	117	98	TP18	B	73	19	TP65	B	77	117	TP109	B	135	108
C2014	B	150	62	C2094	B	119	117	J2020	T	118	29	R2014	B	79	17	R2088	T	142	102	TP19	B	94	17	TP66	B	70	110	TP110	B	144	107
C2015	T	155	16	C2095	T	96	102	J2021	T	137	42	R2015	B	77	22	R2089	B	119	92	TP20	B	126	70	TP67	B	62	127	TP111	B	131	99
C2016	T	115	23	C2098	T	69	68	J2022	T	140	40	R2016	B	91	9	R2090	B	122	94	TP21	B	75	19	TP68	B	59	114	TP112	B	148	106
C2017	T	85	43	C2099	T	42	17	J2023	T	136	39	R2017	T	83	56	R2091	B	132	89	TP22	B	93	8	TP69	B	61	122	TP113	B	125	109
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C2030	B	134	33	C2148	B	66	78	J2081	T	96	80	R2020	T	83	51	R2094	B	136	96	TP25	B	84	13	TP72	B	45	124	TP116	B	58	122
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C2037	B	150	19	D2005	T	145	34	J2086	T	140	121	R2025	B	110	8	R2100	B	79	125	TP30	B	82	6	TP77	B	41	122	TP121	B	83	80
C2038	B	141	18	D2006	T	132	70	J2087	T	140	131	R2026	B	110	13	R2101	T	98	108	TP31	B	93	62	TP78	B	144	111	TP122	B	36	112
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C2040	B	65	102	D2010	T	37	78	J2089	T	140	126	R2028	B	124	19	R2103	B	148	111	TP33	B	99	15	TP80	B	42	115	TP125	B	77	18
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C2045	B	61	119	D2042	B	67	115	J2094	T	134	128	R2041	B	71	121	S2007	T	13	78	TP38	B	112	21	TP85	B	42	97	TP130	B	149	112
C2046	B	58	125	D2080	B	114	117	J2095	T	146	127	R2042	B	75	115	S2008	T	65	77	TP39	B	149	61	TP86	B	18	124	TP131	B	149	115
C2047	B	58	119	D2082	B	140	114	J2096	T	127	129	R2043	B	74	121	S2040	T	29	120	TP40	B	123	16	TP87	B	40	100	TR2001	T	111	48
C2048	B	54	126	D2083	B	126	90	L2001	T	55	56	R2044	B	59	98	S2080	T	92	121	TP41	B	147	64	TP88	B	18	115	TD2001	B	98	25
C2049	B	54	119	DB2001	B	67	41	L2003	B	99	30	R2045	T	46	98	T2081	B	114	98	TP42	B	157	34	TP89	B	51	122	TD2002	T	76	15
C2050	B	61	94	F2001	T	14	57	L2004	T	145	17	R2046	B	55	94	T2082	B	112	89	TP43	B	138	11	TP90	B	20	82	TD2080	B	144	104
C2051	B	57	94	F2002	T	29	80	L2005	B	50	10	R2047	B	50	94	T2085	B	131	118	TP44	B	124	12	TP91	B	163	16	TD2082	T	94	118
C2052	B	59	94					L2006	T	127	20	R2048	B	48	94					TP45	B	35	34	TP92	B	157	20	TD2083	B	152	119
C2053	B	52	94	FB2040	B	62	111	L2040	T	62	104	R2050	B	42	94	TP1	B	28	53	TP46	B	118	13	TP93	B	154	59	TD2084	B	152	113
C2054	B	50	119	FB2080	B	122	116	L2080	T	109	105	R2051	B	44	98	TP2	B	14	34	TP47	B	51	115	TP94	B	134	90				
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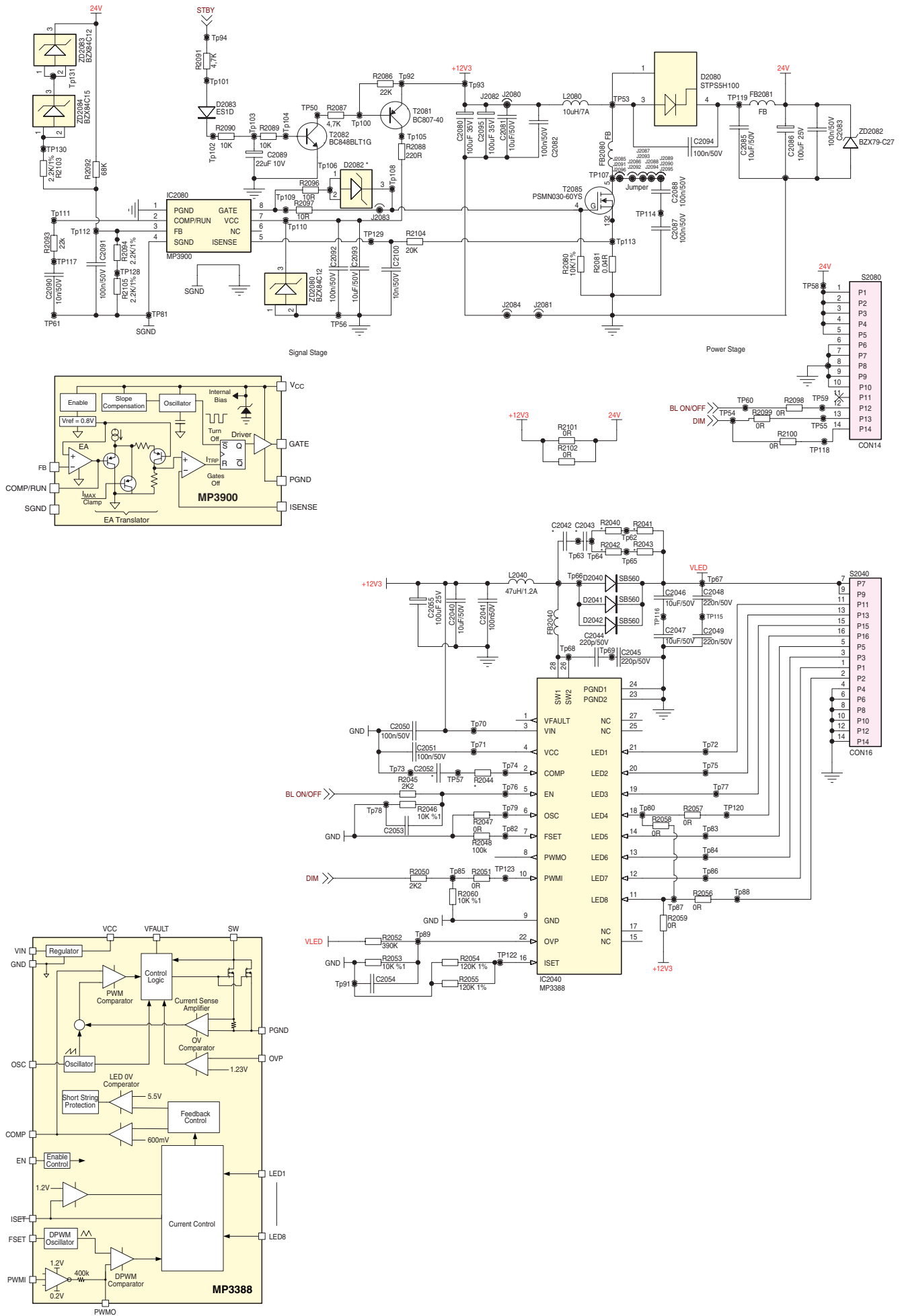
Ansicht von der Lötseite / View of Solder Side





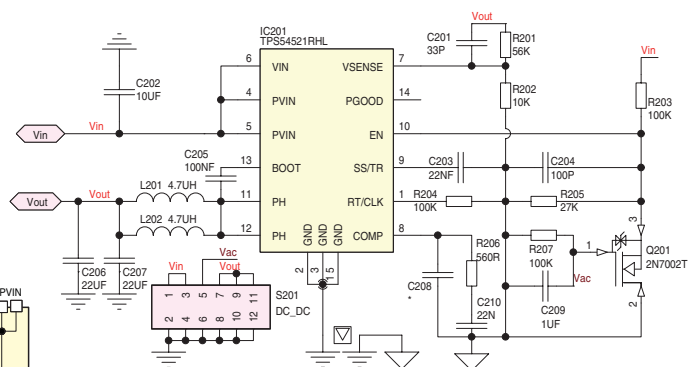
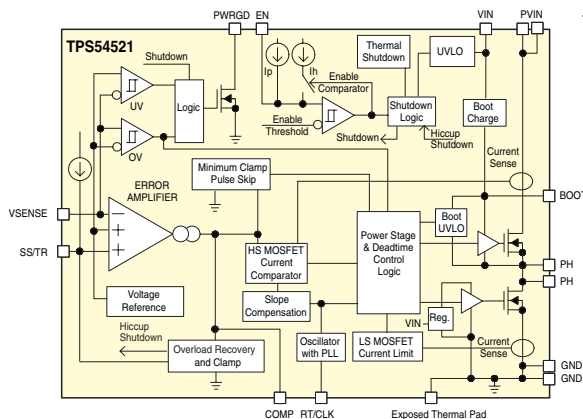
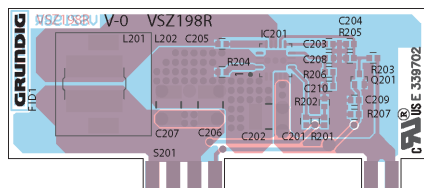


## Konverter / Converter VQX194-03



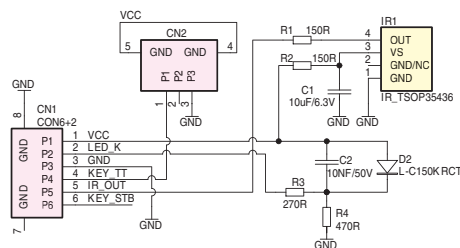
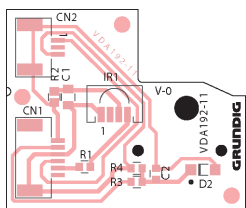
## DC-DC-Wandler / Converter VSZ198R

Ansicht von der Bestückungsseite / View of Component Side



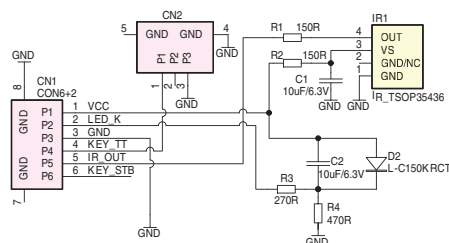
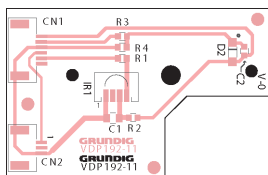
## IR-/LED-Platte / IR/LED Board VDA192-11

Ansicht von der Bestückungsseite / View of Component Side



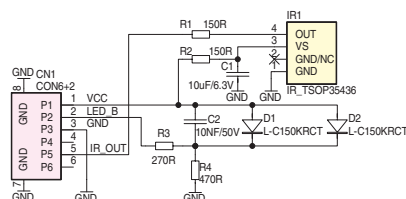
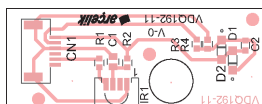
## IR-/LED-Platte / IR/LED Board VDP192-11

Ansicht von der Bestückungsseite / View of Component Side



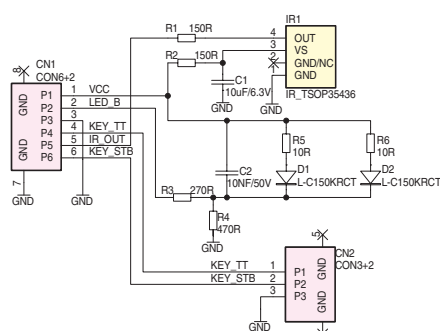
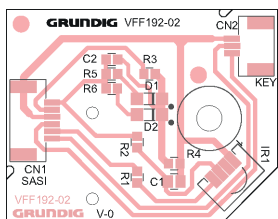
## IR-/LED-Platte / IR/LED Board VDAQ192-11

Ansicht von der Bestückungsseite / View of Component Side



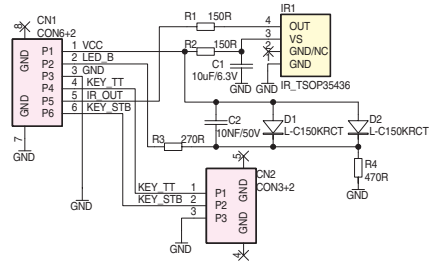
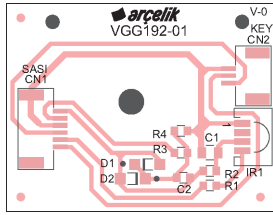
## IR-/LED-Platte / IR/LED Board VFF192-02

Ansicht von der Bestückungsseite / View of Component Side



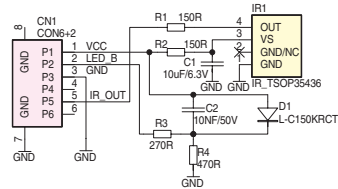
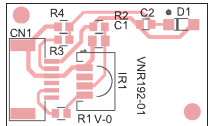
## IR-/LED-Platte / IR/LED Board VGG192-01

Ansicht von der Bestückungsseite / View of Component Side



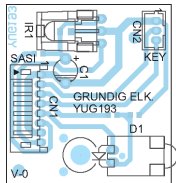
## IR-/LED-Platte / IR/LED Board VNR192-01

Ansicht von der Bestückungsseite / View of Component Side

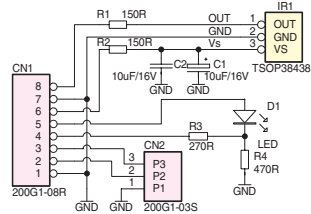
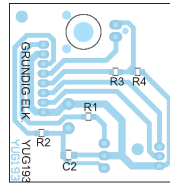


## IR-/LED-Platte / IR/LED Board YUG193

Ansicht von der Bestückungsseite  
View of Component Side

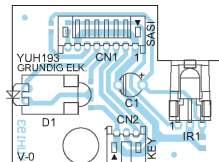


Ansicht von der Lötseite  
View of Solder Side

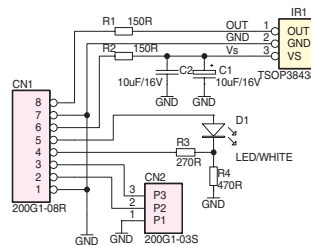
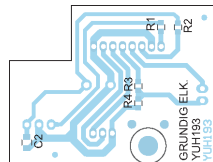


## IR-/LED-Platte / IR/LED Board YUH193

Ansicht von der Bestückungsseite  
View of Component Side

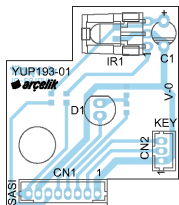


Ansicht von der Lötseite  
View of Solder Side

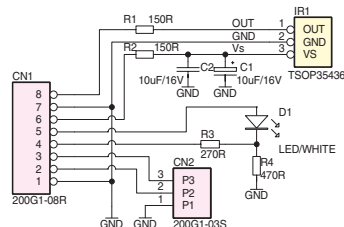
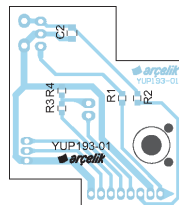


## IR-/LED-Platte / IR/LED Board YUP193-01

Ansicht von der Bestückungsseite  
View of Component Side

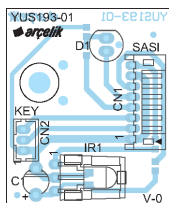


Ansicht von der Lötseite  
View of Solder Side

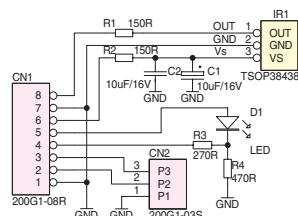
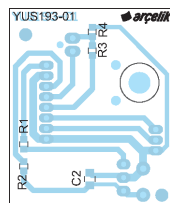


## IR-/LED-Platte / IR/LED Board YUP193-01

Ansicht von der Bestückungsseite  
View of Component Side

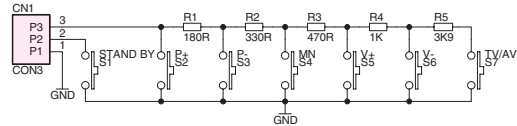
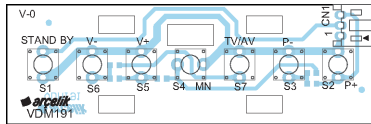


Ansicht von der Lötseite  
View of Solder Side



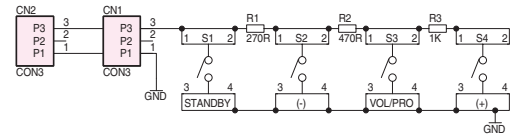
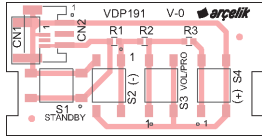
## Keyboard VDM191

Ansicht von der Bestückungsseite / View of Component Side



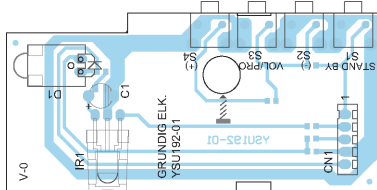
## Keyboard VDP191

Ansicht von der Bestückungsseite / View of Component Side

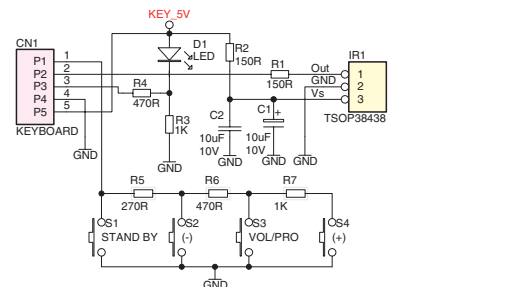
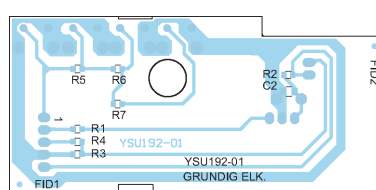


## Keyboard YSU192-01

Ansicht von der Bestückungsseite  
View of Component Side

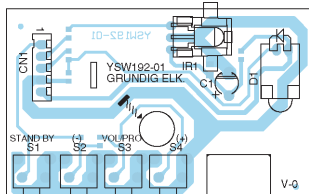


Ansicht von der Lötseite  
View of Solder Side

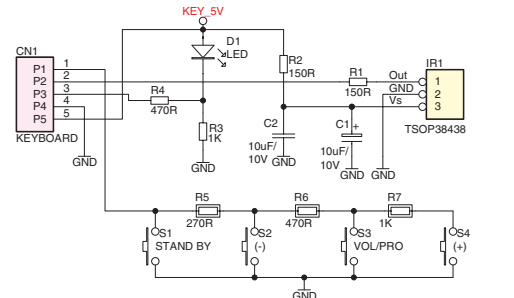
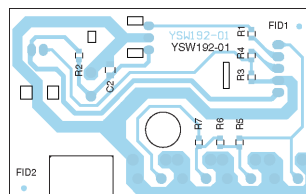


## Keyboard YSU192-01

Ansicht von der Bestückungsseite  
View of Component Side

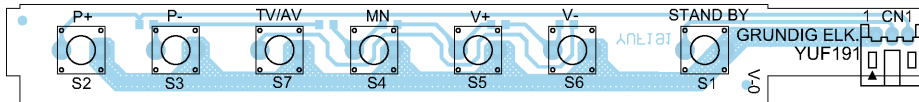


Ansicht von der Lötseite  
View of Solder Side

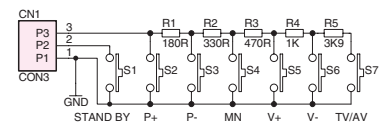
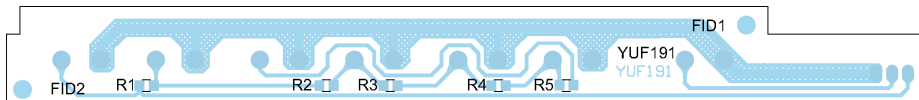


## Keyboard VUF191

Ansicht von der Bestückungsseite / View of Component Side

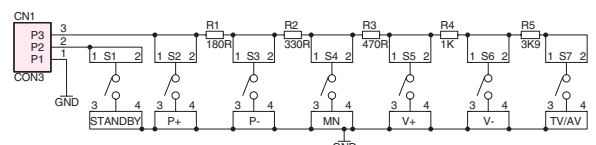
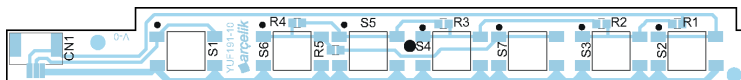


Ansicht von der Lötseite / View of Solder Side



## Keyboard YUF191-10

Ansicht von der Lötseite / View of Solder Side



Ersatzteilliste  
Spare Parts ListNUR FÜR INTERNEN GEBRAUCH  
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19 VLC 2100 C

BESTELL-NR. / ORDER NO.: GBJ0419 (JXP)

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		GBJ0419		19 VLC 2100 C PRODUKTCODE JXP KEIN E-TEIL	19 VLC 2100 C PRODUCT CODE JXP NO SPARE PART
				<b>Hinweis:</b> Sollte in dieser Ersatzteilliste Ihr "Product Code" oder Ihre Display-Variante nicht aufgeführt sein, finden Sie eine aktualisierte Version auf dem GRUNDIG Service-Portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .	<b>Note:</b> If your "Product Code" or display variant is not mentioned in the spare parts list, please look for a current version at the GRUNDIG service portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .
0001.000		759551494000		GEH.-VORDERTEIL SCHWARZ	FRONT CABINET BLACK
0002.000		759551610100		RUECKWAND SCHWARZ	BACK COVER BLACK
0003.000		759551600500		GEHAUSELEISTE SILBER	COVER BAND SILVER
0005.000		759551493800		FUSS SCHWARZ	FOOT BLACK
0006.000		759551572000		STAND FUSS ZWISCHENSTUECK	STAND FOOT MIDDLEPART
0007.000		759551493600		KNOPF PROG./ON-OFF SCHWARZ	KNOB PROG./ON-OFF BLACK
0015.000		759551493300		LAUTSPRECHER 16 OHM 3/5 W	LOUDSPEAKER 16 OHM 3/5 W
0019.000		759551546700		LVDS-KABEL 30P 1MM L=120MM	LVDS-CABLE 30P 1MM L=120MM
0020.000	△	759551495600	X	LCD-DISPLAY LTM185AT01-001	LCD-DISPLAY LTM185AT01-001
0022.000	△	759551350200		NETZKABEL 150 CM	POWER CABLE 150 CM
0023.000	△	759551610200	X	LP-NETZTEILMODUL 18.5 TF CHA.	POWER BOARD 18.5 TF CHA.
0025.000	△	275991144400	X	LP-CHASSISMODUL TF (JXP)	CHASSIS BOARD TF (JXP)
0027.000		720117145700		FERNBEDIENUNG RC 23	REMOTE CONTROL RC 23
0030.000		759550451400		TASTSCHALTER	KEY SWITCH
0032.000		759551504200		IR-EMPPFAENGER TSOP38438	IR RECEIVER TSOP38438
0033.000		759551541500		LED BLAU 5MM 3,5 V	LED BLUE 5MM 3,5 V
0090.000		759551493700		KARTON	CARTON
0091.000		759551493400		POLSTER OBEN	CUSHION TOP
0092.000		759551493500		POLSTER BODEN	CUSHION BOTTOM
				DIE BEDIENUNGSANLEITUNG KOENNEN SIE IM INTERNET UNTER FOLGENDER ADRESSE ABRUFEN: WWW.GRUNDIG.DE MENU: DOWNLOADS	THE INSTRUCTION MANUAL CAN BE DOWNLOADED FROM THE INTERNET UNDER THE FOLLOWING ADDRESS: WWW.GRUNDIG.DE MENU: DOWNLOADS
		720100557000		SERVICE MANUAL D/GB	SERVICE MANUAL D/GB
		720108000001		SICHERHEITSMANUAL D/GB/E/F/I	SAFETY SERVICE MANUAL D/GB/E/F/I
				X = SIEHE GESONDERTE E-LISTE	X = SEE SEPARATE PARTS LIST

Ersatzteilliste  
Spare Parts ListNUR FÜR INTERNEN GEBRAUCH  
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19 VLE 2101 T2

BESTELL-NR. / ORDER NO.: GBJ0719 (JWA)

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		GBJ0719		19 VLE 2101 T2 PRODUKTCODE JWA KEIN E-TEIL	19 VLE 2101 T2 PRODUCT CODE JWA NO SPARE PART
				<b>Hinweis:</b> Sollte in dieser Ersatzteilliste Ihr "Product Code" oder Ihre Display-Variante nicht aufgeführt sein, finden Sie eine aktualisierte Version auf dem GRUNDIG Service-Portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .	<b>Note:</b> If your "Product Code" or display variant is not mentioned in the spare parts list, please look for a current version at the GRUNDIG service portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .
0001.000		759551494000		GEH.-VORDERTEIL SCHWARZ	FRONT CABINET BLACK
0002.000		759551610100		RUECKWAND SCHWARZ	BACK COVER BLACK
0005.000		759551493800		FUSS SCHWARZ	FOOT BLACK
0006.000		759551572000		STAND FUSS ZWISCHENSTUECK	STAND FOOT MIDDLEPART
0007.000		759551493600		KNOPF PROG./ON-OFF SCHWARZ	KNOB PROG./ON-OFF BLACK
0015.000		759551493300		LAUTSPRECHER 16 OHM 3/5 W	LOUDSPEAKER 16 OHM 3/5 W
0019.000		759551546700		LVDS-KABEL 30P 1MM L=120MM	LVDS-CABLE 30P 1MM L=120MM
0020.000	△	759551546900		LCD-DISPLAY LC185EXN-SCA1*1	LCD-DISPLAY LC185EXN-SCA1*1
0020.000	△	759551611200		LCD-DISPLAY LC185EXN-SDA1*2	LCD-DISPLAY LC185EXN-SDA1*2
0022.000	△	759551350200		NETZKABEL 150 CM	POWER CABLE 150 CM
0023.000	△	275990312900	X	LP-NETZTEILMODUL 18.5 LED TF*1	POWER BOARD 18.5 LED TF*1
0023.000	△	275990312600	X	LP-NETZTEILMODUL 18.5 LED TF*2	POWER BOARD 18.5 LED TF*2
0025.000	△	275991147600	X	LP-CHASSISMODUL TF (DI4)*1	CHASSIS BOARD TF (DI4)*1
0025.000	△	275991147700	X	LP-CHASSISMODUL TF (JWA)*2	CHASSIS BOARD TF (JWA)*2
0027.000		720117145700		FERNBEDIENUNG RC 23	REMOTE CONTROL RC 23
0028.000		720117145300		FERNBEDIENUNG TP EASY SCHWARZ	REMOTE CONTROL TP EASY BLACK
0030.000		759550451400		TASTSCHALTER	KEY SWITCH
0032.000		759551504200		IR-EMPPFAENGER TSOP38438	IR RECEIVER TSOP38438
0033.000		759551541500		LED BLAU 5MM 3,5 V	LED BLUE 5MM 3,5 V
0090.000		759551493700		KARTON	CARTON
0091.000		759551493400		POLSTER OBEN	CUSHION TOP
0092.000		759551493500		POLSTER BODEN	CUSHION BOTTOM
				DIE BEDIENUNGSANLEITUNG KOENNEN SIE IM INTERNET UNTER FOLGENDER ADRESSE ABRUFEN: WWW.GRUNDIG.DE MENU: DOWNLOADS	THE INSTRUCTION MANUAL CAN BE DOWNLOADED FROM THE INTERNET UNDER THE FOLLOWING ADDRESS: WWW.GRUNDIG.DE MENU: DOWNLOADS
		720100557000		SERVICE MANUAL D/GB	SERVICE MANUAL D/GB
		720108000001		SICHERHEITSMANUAL D/GB/E/F/I	SAFETY SERVICE MANUAL D/GB/E/F/I
				X = SIEHE GESONDERTE E-LISTE	X = SEE SEPARATE PARTS LIST

Es gelten die Vorschriften und Sicherheitshinweise gemäß dem Service Manual "Sicherheit", Mat.-Nummer 720108000001, sowie zusätzlich die eventuell abweichenden, landesspezifischen Vorschriften!



The regulations and safety instructions shall be valid as provided by the "Safety" Service Manual, part number 720108000001, as well as the respective national deviations.

ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

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ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION



Ersatzteilliste  
Spare Parts ListNUR FÜR INTERNEN GEBRAUCH  
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19 VLE 2102 C

BESTELL-NR. / ORDER NO.: GBJ0819 (KAD)

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		GBJ0819		19 VLE 2102 C PRODUKTCODE KAD KEIN E-TEIL	19 VLE 2102 C PRODUCT CODE KAD NO SPARE PART
				<b>Hinweis:</b> Sollte in dieser Ersatzteilliste Ihr "Product Code" oder Ihre Display-Variante nicht aufgeführt sein, finden Sie eine aktualisierte Version auf dem GRUNDIG Service-Portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .	<b>Note:</b> If your "Product Code" or display variant is not mentioned in the spare parts list, please look for a current version at the GRUNDIG service portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .
0001.000		759551494000		GEH.-VORDERTEIL SCHWARZ	FRONT CABINET BLACK
0002.000		759551610100		RUECKWAND SCHWARZ	BACK COVER BLACK
0003.000		759551600500		GEHAUSELEISTE SILBER	COVER BAND SILVER
0005.000		759551493800		FUSS SCHWARZ	FOOT BLACK
0006.000		759551572000		STAND FUSS ZWISCHENSTUECK	STAND FOOT MIDDLEPART
0007.000		759551493600		KNOPF PROG./ON-OFF SCHWARZ	KNOB PROG./ON-OFF BLACK
0015.000		759551493300		LAUTSPRECHER 16 OHM 3/5 W	LOUDSPEAKER 16 OHM 3/5 W
0019.000		759551546700		LVDS-KABEL 30P 1MM L=120MM	LVDS-CABLE 30P 1MM L=120MM
0020.000	△	759551611200		LCD-DISPLAY LC185EXN-SDA1*1	LCD-DISPLAY LC185EXN-SDA1*1
0020.000	△	759551546900		LCD-DISPLAY LC185EXN-SCA1*2	LCD-DISPLAY LC185EXN-SCA1*2
0022.000	△	759551350200		NETZKABEL 150 CM	POWER CABLE 150 CM
0023.000	△	275990312600	X	LP-NETZTEILMODUL 18.5 LED TF*1	POWER BOARD 18.5 LED TF*1
0023.000	△	275990312900	X	LP-NETZTEILMODUL 18.5 LED TF*2	POWER BOARD 18.5 LED TF*2
0025.000	△	275991145000	X	LP-CHASSISMODUL TF (JYP)*1	CHASSIS BOARD TF (JYP)*1
0025.000	△	275991149000	X	LP-CHASSISMODUL TF (DI3)*2	CHASSIS BOARD TF (DI3)*2
0027.000		720117145700		FERNBEDIENUNG RC 23	REMOTE CONTROL RC 23
0028.000		720117145300		FERNBEDIENUNG TP EASY SCHWARZ	REMOTE CONTROL TP EASY BLACK
0030.000		759550451400		TASTSCHALTER	KEY SWITCH
0032.000		759551504200		IR-EMPFAENGER TSOP38438	IR RECEIVER TSOP38438
0033.000		759551541500		LED BLAU 5MM 3,5 V	LED BLUE 5MM 3,5 V
0090.000		759551493700		KARTON	CARTON
0091.000		759551493400		POLSTER OBEN	CUSHION TOP
0092.000		759551493500		POLSTER BODEN	CUSHION BOTTOM
				DIE BEDIENUNGSANLEITUNG KOENNEN SIE IM INTERNET UNTER FOLGENDER ADRESSE ABRUFEN: WWW.GRUNDIG.DE MENU: DOWNLOADS	THE INSTRUCTION MANUAL CAN BE DOWNLOADED FROM THE INTERNET UNDER THE FOLLOWING ADDRESS: WWW.GRUNDIG.DE MENU: DOWNLOADS
		720100557000		SERVICE MANUAL D/GB	SERVICE MANUAL D/GB
		720108000001		SICHERHEITSMANUAL D/GB/E/F/I	SAFETY SERVICE MANUAL D/GB/E/F/I
				X = SIEHE GESONDERTE E-LISTE	X = SEE SEPARATE PARTS LIST

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ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

Ersatzteilliste  
Spare Parts ListNUR FÜR INTERNEN GEBRAUCH  
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22 VLC 2103 C

BESTELL-NR. / ORDER NO.: GBJ0522 (JXQ)

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		GBJ0522		22 VLC 2103 C PRODUKTCODE JXQ KEIN E-TEIL	22 VLC 2103 C PRODUCT CODE JXQ NO SPARE PART
				<b>Hinweis:</b> Sollte in dieser Ersatzteilliste Ihr "Product Code" oder Ihre Display-Variante nicht aufgeführt sein, finden Sie eine aktualisierte Version auf dem GRUNDIG Service-Portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .	<b>Note:</b> If your "Product Code" or display variant is not mentioned in the spare parts list, please look for a current version at the GRUNDIG service portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .
0001.000		759551610300		GEH.- VORDERTEIL SCHWARZ	FRONT CABINET BLACK
0002.000		759551610400		RUECKWAND SCHWARZ	BACK COVER BLACK
0005.000		759551493800		FUSS SCHWARZ	FOOT BLACK
0006.000		759551572100		STANDFUSS ZWISCHENSTUECK	STAND FOOT MIDDLEPART
0007.000		759551493600		KNOPF PROG./ON-OFF SCHWARZ	KNOB PROG./ON-OFF BLACK
0015.000		759551494700		LAUTSPRECHER 16 OHM 5/7 W	LOUDSPEAKER 16 OHM 5/7 W
0019.000		759551610500		KABEL LVDS 30 P 200MM	CABLE LVDS 30 P 200MM
0020.000	△	759551494900		LCD-DISPLAY LC220WXE-TBA1*1	LCD-DISPLAY LC220WXE-TBA1*1
0020.000	△	759551571900		LCD-DISPLAY LTA216AT01-S07*2	LCD-DISPLAY LTA216AT01-S07*2
0022.000	△	759551350200		NETZKABEL 150 CM	POWER CABLE 150 CM
0023.000	△	759551610600	X	LP-NETZTEILMODUL 22 TF CHA.(PS	POWER BOARD 22 TF CHA.(PSU+INV
0025.000	△	275991144500	X	LP-CHASSISMODUL TF (7XN)*1	CHASSIS BOARD TF (7XN)*1
0025.000	△	275991144600	X	LP-CHASSISMODUL TF (JXQ)*2	CHASSIS BOARD TF (JXQ)*2
0027.000		720117145700		FERNBEDIENUNG RC 23	REMOTE CONTROL RC 23
0030.000		759550451400		TASTSCHALTER	KEY SWITCH
0032.000		759551504200		IR-EMPFAENGER TSOP38438	IR RECEIVER TSOP38438
0033.000		759551541500		LED BLAU 5MM 3,5 V	LED BLUE 5MM 3,5 V
0090.000		759551495200		KARTON	CARTON
0091.000		759551495300		POLSTER OBEN	CUSHION TOP
0092.000		759551495400		POLSTER BODEN	CUSHION BOTTOM
				DIE BEDIENUNGSANLEITUNG KOENNEN SIE IM INTERNET UNTER FOLGENDER ADRESSE ABRUFEN: WWW.GRUNDIG.DE MENU: DOWNLOADS	THE INSTRUCTION MANUAL CAN BE DOWNLOADED FROM THE INTERNET UNDER THE FOLLOWING ADDRESS: WWW.GRUNDIG.DE MENU: DOWNLOADS
		720100557000		SERVICE MANUAL D/GB	SERVICE MANUAL D/GB
		720108000001		SICHERHEITSMANUAL D/GB/E/F/I	SAFETY SERVICE MANUAL D/GB/E/F/I
				X = SIEHE GESONDERTE E-LISTE	X = SEE SEPARATE PARTS LIST

Es gelten die Vorschriften und Sicherheitshinweise gemäß dem Service Manual "Sicherheit", Mat.-Nummer 720108000001, sowie zusätzlich die eventuell abweichenden, landesspezifischen Vorschriften!



The regulations and safety instructions shall be valid as provided by the "Safety" Service Manual, part number 720108000001, as well as the respective national deviations.

ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

Ersatzteilliste  
Spare Parts ListNUR FÜR INTERNEN GEBRAUCH  
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22 VLE 811 C

BESTELL-NR. / ORDER NO.: GBJ8222 (KCJ)

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		GBJ8222		22 VLE 811 C PRODUKTCODE KCJ KEIN E-TEIL	22 VLE 811 C PRODUCT CODE KCJ NO SPARE PART
				<b>Hinweis:</b> Sollte in dieser Ersatzteilliste Ihr "Product Code" oder Ihre Display-Variante nicht aufgeführt sein, finden Sie eine aktualisierte Version auf dem GRUNDIG Service-Portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .	<b>Note:</b> If your "Product Code" or display variant is not mentioned in the spare parts list, please look for a current version at the GRUNDIG service portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .
0001.000		759551557700		GEH.- VORDERTEIL SCHWARZ	FRONT CABINET BLACK
0002.000		759551610900		RUECKWAND SCHWARZ	BACK COVER BLACK
0005.000		759551608600		STANDFUSS SCHWARZ	STAND FOOT BLACK
0006.000		759551609100		STANDFUSS ZWISCHENSTUECK	STAND FOOT MIDDLEPART
0007.000		759551564700		KNOPF LED SCHWARZ	KNOB LED BLACK
0015.000		759551494700		LAUTSPRECHER 16 OHM 5/7 W	LOUDSPEAKER 16 OHM 5/7 W
0019.000		759551610500		KABEL LVDS 30 P 200MM	CABLE LVDS 30 P 200MM
0020.000	△	759551607600		LCD-DISPLAY LC216EXN-SDA1	LCD-DISPLAY LC216EXN-SDA1
0022.000	△	759551350200		NETZKABEL 150 CM	POWER CABLE 150 CM
0023.000	△	275990312300	X	LP-NETZTEILMODUL 22 LED TF CHA	POWER BOARD 22 LED TF CHA.(PSU)
0025.000	△	275991144100	X	LP-CHASSISMODUL TF (JYW)	CHASSIS BOARD TF (JYW)
0027.000		720117145700		FERNBEDIENUNG RC 23	REMOTE CONTROL RC 23
0030.000		759551558000		TASTSCHALTER	KEY SWITCH
0032.000		759551544900		IR-EMPFÄNGER TSOP35436TT	IR-RECEIVER TSOP35436TT
0033.000		759551549100		LED-SMD 1206 BLAU 250MCD 3.3V	LED-SMD 1206 BLUE 250MCD 3.3V
0090.000		759551558100		KARTON 22" LED	CARTON 22" LED
0091.000		759551564100		POLSTER OBEN	CUSHION TOP
0092.000		759551564200		POLSTER UNTEN	CUSHION BOTTOM
				DIE BEDIENUNGSANLEITUNG KOENNEN SIE IM INTERNET UNTER FOLGENDER ADRESSE ABRUFEN: WWW.GRUNDIG.DE MENU: DOWNLOADS	THE INSTRUCTION MANUAL CAN BE DOWNLOADED FROM THE INTERNET UNDER THE FOLLOWING ADDRESS: WWW.GRUNDIG.DE MENU: DOWNLOADS
		720100557000		SERVICE MANUAL D/GB	SERVICE MANUAL D/GB
		720108000001		SICHERHEITSMANUAL D/GB/E/F/I	SAFETY SERVICE MANUAL D/GB/E/F/I
				X = SIEHE GESONDERTE E-LISTE	X = SEE SEPARATE PARTS LIST

Ersatzteilliste  
Spare Parts ListNUR FÜR INTERNEN GEBRAUCH  
FOR INTERNAL USE ONLY

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22 VLE 2100 DVD

BESTELL-NR. / ORDER NO.: GBJ0622 (JXR)

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		GBJ0622		22 VLE 2100 DVD PRODUKTCODE JXR KEIN E-TEIL	22 VLE 2100 DVD PRODUCT CODE JXR NO SPARE PART
				<b>Hinweis:</b> Sollte in dieser Ersatzteilliste Ihr "Product Code" oder Ihre Display-Variante nicht aufgeführt sein, finden Sie eine aktualisierte Version auf dem GRUNDIG Service-Portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .	<b>Note:</b> If your "Product Code" or display variant is not mentioned in the spare parts list, please look for a current version at the GRUNDIG service portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .
0001.000		759551617700		GEH.- VORDERTEIL SCHWARZ	FRONT CABINET BLACK
0002.000		759551617800		RUECKWAND SCHWARZ	BACK COVER BLACK
0005.000		759551493800		FUSS SCHWARZ	FOOT BLACK
0006.000		759551572100		STANDFUSS ZWISCHENSTUECK	STAND FOOT MIDDLEPART
0007.000		759551493600		KNOPF PROG./ON-OFF SCHWARZ	KNOB PROG./ON-OFF BLACK
0015.000		759551494700		LAUTSPRECHER 16 OHM 5/7 W	LOUDSPEAKER 16 OHM 5/7 W
0019.000		759551610500		KABEL LVDS 30 P 200MM	CABLE LVDS 30 P 200MM
0020.000	△	759551607600		LCD-DISPLAY LC216EXN-SDA1*1	LCD-DISPLAY LC216EXN-SDA1*1
0020.000	△	759551617900		LCD-DISPLAY LC216EXN-SDA1*2	LCD-DISPLAY LC216EXN-SDA1*2
0022.000	△	759551350200		NETZKABEL 150 CM	POWER CABLE 150 CM
0023.000	△	275990312300	X	LP-NETZTEILMODUL 22 LED TF CHA	POWER BOARD 22 LED TF CHA.(PSU)
0025.000	△	275991147200	X	LP-CHASSISMODUL TF (JXR)*1	CHASSIS BOARD TF (JXR)*1
0025.000	△	275991147300	X	LP-CHASSISMODUL TF (CRL)*2	CHASSIS BOARD TF (CRL)*2
0027.000		720117225800		FERNBEDIENUNG DVD-COMBO	REMOTE CONTROL DVD-COMBO
0030.000		759550451400		TASTSCHALTER	KEY SWITCH
0032.000		759551504200		IR-EMPFÄNGER TSOP38438	IR RECEIVER TSOP38438
0033.000		759551541500		LED BLAU 5MM 3,5 V	LED BLUE 5MM 3,5 V
0040.000		759551589600		DVD-LOADER DL-08HA-00-056 GP+S	DVD-LOADER DL-08HA-00-056 GP+S
0041.000		759551578000		DVD HALTER	DVD HOLDER
0090.000		759551495200		KARTON	CARTON
0091.000		759551495300		POLSTER OBEN	CUSHION TOP
0092.000		759551495400		POLSTER BODEN	CUSHION BOTTOM
				DIE BEDIENUNGSANLEITUNG KOENNEN SIE IM INTERNET UNTER FOLGENDER ADRESSE ABRUFEN: WWW.GRUNDIG.DE MENU: DOWNLOADS	THE INSTRUCTION MANUAL CAN BE DOWNLOADED FROM THE INTERNET UNDER THE FOLLOWING ADDRESS: WWW.GRUNDIG.DE MENU: DOWNLOADS
		720100557000		SERVICE MANUAL D/GB	SERVICE MANUAL D/GB
		720108000001		SICHERHEITSMANUAL D/GB/E/F/I	SAFETY SERVICE MANUAL D/GB/E/F/I
				X = SIEHE GESONDERTE E-LISTE	X = SEE SEPARATE PARTS LIST

Es gelten die Vorschriften und Sicherheitshinweise gemäß dem Service Manual "Sicherheit", Mat.-Nummer 720108000001, sowie zusätzlich die eventuell abweichenden, landesspezifischen Vorschriften!



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ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

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ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

Ersatzteilliste  
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22 VLE 2101 DVD T2

BESTELL-NR. / ORDER NO.: GBJ0922 (JXY)

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		GBJ0922		22 VLE 2101 DVD T2 PRODUKTCODE JXY KEIN E-TEIL	22 VLE 2101 DVD T2 PRODUCT CODE JXY NO SPARE PART
				<b>Hinweis:</b> Sollte in dieser Ersatzteilliste Ihr "Product Code" oder Ihre Display-Variante nicht aufgeführt sein, finden Sie eine aktualisierte Version auf dem GRUNDIG Service-Portal "http://service.grundig.de".	<b>Note:</b> If your "Product Code" or display variant is not mentioned in the spare parts list, please look for a current version at the GRUNDIG service portal "http://service.grundig.de".
0001.000		759551610300		GEH.- VORDERTEIL SCHWARZ	FRONT CABINET BLACK
0002.000		759551617800		RUECKWAND SCHWARZ	BACK COVER BLACK
0005.000		759551493800		FUSS SCHWARZ	FOOT BLACK
0006.000		759551572100		STANDFUSS ZWISCHENSTUECK	STAND FOOT MIDDLEPART
0007.000		759551493600		KNOPF PROG./ON-OFF SCHWARZ	KNOB PROG./ON-OFF BLACK
0015.000		759551494700		LAUTSPRECHER 16 OHM 5/7 W	LOUDSPEAKER 16 OHM 5/7 W
0019.000		759551610500		KABEL LVDS 30 P 200MM	CABLE LVDS 30 P 200MM
0020.000	△	759551617900		LCD-DISPLAY LC216EXN-SDA1*1	LCD-DISPLAY LC216EXN-SDA1*1
0020.000	△	759551607600		LCD-DISPLAY LC216EXN-SDA1*2	LCD-DISPLAY LC216EXN-SDA1*2
0022.000	△	759551350200		NETZKABEL 150 CM	POWER CABLE 150 CM
0023.000	△	275990312300		LP-NETZTEILMODUL 22 LED TF CHA	POWER BOARD 22 LED TF CHA.(PSU)
0025.000	△	275991148000	X	LP-CHASSISMODUL TF (CBW)*1	CHASSIS BOARD TF (CBW)*1
0025.000	△	275991147900	X	LP-CHASSISMODUL TF (JXY)*2	CHASSIS BOARD TF (JXY)*2
0027.000		720117226100		FERNBEDIENUNG DVD-COMBO (VTB18)	REMOTE CONTROL DVD-COMBO (VTB18)
0030.000		759550451400		TASTSCHALTER	KEY SWITCH
0032.000		759551504200		IR-EMPFAENGER TSOP38438	IR RECEIVER TSOP38438
0033.000		759551541500		LED BLAU 5MM 3,5 V	LED BLUE 5MM 3,5 V
0040.000		759551589600		DVD-LOADER DL-08HA-00-056 GP+S	DVD-LOADER DL-08HA-00-056 GP+S
0041.000		759551578000		DVD HALTER	DVD HOLDER
0090.000		759551495200		KARTON	CARTON
0091.000		759551495300		POLSTER OBEN	CUSHION TOP
0092.000		759551495400		POLSTER BODEN	CUSHION BOTTOM
				DIE BEDIENUNGSANLEITUNG KOENNEN SIE IM INTERNET UNTER FOLGENDER ADRESSE ABRUFEN: WWW.GRUNDIG.DE MENU: DOWNLOADS	THE INSTRUCTION MANUAL CAN BE DOWNLOADED FROM THE INTERNET UNDER THE FOLLOWING ADDRESS: WWW.GRUNDIG.DE MENU: DOWNLOADS
		720100557000		SERVICE MANUAL D/GB	SERVICE MANUAL D/GB
		720108000001		SICHERHEITSMANUAL D/GB/E/F/I	SAFETY SERVICE MANUAL D/GB/E/F/I
				X = SIEHE GESONDERTE E-LISTE	X = SEE SEPARATE PARTS LIST

Ersatzteilliste  
Spare Parts ListNUR FÜR INTERNEN GEBRAUCH  
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22 VLE 2102 C

BESTELL-NR. / ORDER NO.: GBJ1122 (KAE)

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		GBJ1122		22 VLE 2102 C PRODUKTCODE KAE KEIN E-TEIL	22 VLE 2102 C PRODUCT CODE KAE NO SPARE PART
				<b>Hinweis:</b> Sollte in dieser Ersatzteilliste Ihr "Product Code" oder Ihre Display-Variante nicht aufgeführt sein, finden Sie eine aktualisierte Version auf dem GRUNDIG Service-Portal "http://service.grundig.de".	<b>Note:</b> If your "Product Code" or display variant is not mentioned in the spare parts list, please look for a current version at the GRUNDIG service portal "http://service.grundig.de".
0001.000		759551610300		GEH.- VORDERTEIL SCHWARZ	FRONT CABINET BLACK
0002.000		759551620500		RUECKWAND SCHWARZ	BACK COVER BLACK
0005.000		759551518100		FUSS SCHWARZ	FOOT BLACK
0006.000		759551572100		STANDFUSS ZWISCHENSTUECK	STAND FOOT MIDDLEPART
0007.000		759551493600		KNOPF PROG./ON-OFF SCHWARZ	KNOB PROG./ON-OFF BLACK
0015.000		759551494700		LAUTSPRECHER 16 OHM 5/7 W 33X1	LOUDSPEAKER 16 OHM 5/7 W 33X1
0019.000		759551610500		KABEL LVDS 30 P 200MM	CABLE LVDS 30 P 200MM
0020.000	△	759551607600		LCD-DISPLAY LC216EXN-SDA1	LCD-DISPLAY LC216EXN-SDA1
0022.000	△	759551350200		NETZKABEL 150 CM	POWER CABLE 150 CM
0023.000	△	275990312300		LP-NETZTEILMODUL 22 LED TF CHA	POWER BOARD 22 LED TF CHA.(PSU)
0025.000	△	275991149100	X	LP-CHASSISMODUL TF (JYQ)	CHASSIS BOARD TF (JYQ)
0027.000		720117145700		FERNBEDIENUNG RC 23	REMOTE CONTROL RC 23
0028.000		720117145300		FERNBEDIENUNG TP EASY SCHWARZ	REMOTE CONTROL TP EASY BLACK
0030.000		759550451400		TASTSCHALTER	KEY SWITCH
0032.000		759551504200		IR-EMPFAENGER TSOP38438	IR RECEIVER TSOP38438
0033.000		759551541500		LED BLAU 5MM 3,5 V	LED BLUE 5MM 3,5 V
0090.000		759551495200		KARTON	CARTON
0091.000		759551495300		POLSTER OBEN	CUSHION TOP
0092.000		759551495400		POLSTER BODEN	CUSHION BOTTOM
				DIE BEDIENUNGSANLEITUNG KOENNEN SIE IM INTERNET UNTER FOLGENDER ADRESSE ABRUFEN: WWW.GRUNDIG.DE MENU: DOWNLOADS	THE INSTRUCTION MANUAL CAN BE DOWNLOADED FROM THE INTERNET UNDER THE FOLLOWING ADDRESS: WWW.GRUNDIG.DE MENU: DOWNLOADS
		720100557000		SERVICE MANUAL D/GB	SERVICE MANUAL D/GB
		720108000001		SICHERHEITSMANUAL D/GB/E/F/I	SAFETY SERVICE MANUAL D/GB/E/F/I
				X = SIEHE GESONDERTE E-LISTE	X = SEE SEPARATE PARTS LIST

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ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

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ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

Ersatzteilliste  
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22 VLE 4100 T2

BESTELL-NR. / ORDER NO.: GBJ2022 (JXU)

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		GBJ2022		22 VLE 4100 T2 PRODUKTCODE JXU KEIN E-TEIL	22 VLE 4100 T2 PRODUCT CODE JXU NO SPARE PART
				<b>Hinweis:</b> Sollte in dieser Ersatzteilliste Ihr "Product Code" oder Ihre Display-Variante nicht aufgeführt sein, finden Sie eine aktualisierte Version auf dem GRUNDIG Service-Portal "http://service.grundig.de".	<b>Note:</b> If your "Product Code" or display variant is not mentioned in the spare parts list, please look for a current version at the GRUNDIG service portal "http://service.grundig.de".
0001.000		759551557700		GEH.- VORDERTEIL SCHWARZ	FRONT CABINET BLACK
0002.000		759551610900		RUECKWAND SCHWARZ	BACK COVER BLACK
0005.000		759551608600		STANDFUSS SCHWARZ	STAND FOOT BLACK
0006.000		759551609100		STANDFUSS ZWISCHENSTUECK	STAND FOOT MIDDLEPART
0007.000		759551564700		KNOPF LED SCHWARZ	KNOB LED BLACK
0015.000		759551494700		LAUTSPRECHER 16 OHM 5/7 W 33X1	LOUDSPEAKER 16 OHM 5/7 W 33X14
0019.000		759551610500		KABEL LVDS 30 P 200MM	CABLE LVDS 30 P 200MM
0020.000	△	759551607600		LCD-DISPLAY LC216EXN-SDA1	LCD-DISPLAY LPL LC216EXN-SDA1
0022.000	△	759551350200		NETZKABEL 150 CM	POWER CABLE 150 CM
0023.000	△	275990312300	X	LP-NETZTEILMODUL 22 LED TF CHA	POWER BOARD 22 LED TF CHA.(PSU)
0025.000	△	275991147800	X	LP-CHASSISMODUL TF (JXU)	CHASSIS BOARD TF (JXU)
0027.000		720117145700		FERNBEDIENUNG RC 23	REMOTE CONTROL RC 23
0028.000		720117145300		FERNBEDIENUNG TP EASY SCHWARZ	REMOTE CONTROL TP EASY BLACK
0030.000		759551558000		TASTSCHALTER	KEY SWITCH
0032.000		759551544900		IR-EMPFÄNGER TSOP35436TT	IR-RECEIVER TSOP35436TT
0033.000		759551549100		LED-SMD 1206 BLAU 250MCD 3.3V	LED-SMD 1206 BLUE 250MCD 3.3V
0090.000		759551558100		KARTON 22 „ LED	CARTON 22" LED
0091.000		759551564100		POLSTER OBEN	CUSHION TOP
0092.000		759551564200		POLSTER UNTEN	CUSHION BOTTOM
				DIE BEDIENUNGSANLEITUNG KOENNEN SIE IM INTERNET UNTER FOLGENDER ADRESSE ABRUFEN: WWW.GRUNDIG.DE MENU: DOWNLOADS	THE INSTRUCTION MANUAL CAN BE DOWNLOADED FROM THE INTERNET UNDER THE FOLLOWING ADDRESS: WWW.GRUNDIG.DE MENU: DOWNLOADS
		720100557000		SERVICE MANUAL D/GB	SERVICE MANUAL D/GB
		720108000001		SICHERHEITSMANUAL D/GB/E/F/I	SAFETY SERVICE MANUAL D/GB/E/F/I
				X = SIEHE GESONDERTE E-LISTE	X = SEE SEPARATE PARTS LIST

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ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

Ersatzteilliste  
Spare Parts ListNUR FÜR INTERNEN GEBRAUCH  
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22 VLE 7151 C

BESTELL-NR. / ORDER NO.: GBJ7222 (JYX)

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		GBJ7222		22 VLE 7151 C PRODUKTCODE JYX KEIN E-TEIL	22 VLE 7151 C PRODUCT CODE JYX NO SPARE PART
				<b>Hinweis:</b> Sollte in dieser Ersatzteilliste Ihr "Product Code" oder Ihre Display-Variante nicht aufgeführt sein, finden Sie eine aktualisierte Version auf dem GRUNDIG Service-Portal "http://service.grundig.de".	<b>Note:</b> If your "Product Code" or display variant is not mentioned in the spare parts list, please look for a current version at the GRUNDIG service portal "http://service.grundig.de".
0001.000		759551582600		GEH.- VORDERTEIL WEISS	FRONT CABINET WHITE
0002.000		759551618500		RUECKWAND WEISS	BACK COVER WHITE
0005.000		759551582900		STANDFUSS WEISS	STAND FOOT WHITE
0007.000		759551582800		KNOPF PROG./VOL./STD-BY WEISS	KNOB PROG./VOL./STD-BY WHITE
0015.000		759551494700		LAUTSPRECHER 16 OHM 5/7 W	LOUDSPEAKER 16 OHM 5/7 W
0019.000		759551610500		KABEL LVDS 30 P 200MM	CABLE LVDS 30 P 200MM
0020.000	△	759551607600		LCD-DISPLAY LC216EXN-SDA1	LCD-DISPLAY LPL LC216EXN-SDA1
0022.000	△	759551350200		NETZKABEL 150 CM	POWER CABLE 150 CM
0023.000	△	275990312300	X	LP-NETZTEILMODUL 22 LED TF CHA	POWER BOARD 22 LED TF CHA
0025.000	△	275991144100	X	LP-CHASSISMODUL TF (JYX)	CHASSIS BOARD TF (JYX)
0027.000		720117145700		FERNBEDIENUNG RC 23	REMOTE CONTROL RC 23
0028.000		720117145400		FERNBEDIENUNG TP EASY WEISS	REMOTE CONTROL TP EASY WHITE
0030.000		759551558000		TASTSCHALTER	KEY SWITCH
0032.000		759551544900		IR-EMPFÄNGER TSOP35436TT	IR-RECEIVER TSOP35436TT
0033.000		759551549100		LED-SMD 1206 BLAU 250MCD 3.3V	LED-SMD 1206 BLUE 250MCD 3.3V
0090.000		759551558100		KARTON 22 „ LED	CARTON 22" LED
0091.000		759551564100		POLSTER OBEN	CUSHION TOP
0092.000		759551564200		POLSTER UNTEN	CUSHION BOTTOM
				DIE BEDIENUNGSANLEITUNG KOENNEN SIE IM INTERNET UNTER FOLGENDER ADRESSE ABRUFEN: WWW.GRUNDIG.DE MENU: DOWNLOADS	THE INSTRUCTION MANUAL CAN BE DOWNLOADED FROM THE INTERNET UNDER THE FOLLOWING ADDRESS: WWW.GRUNDIG.DE MENU: DOWNLOADS
		720100557000		SERVICE MANUAL D/GB	SERVICE MANUAL D/GB
		720108000001		SICHERHEITSMANUAL D/GB/E/F/I	SAFETY SERVICE MANUAL D/GB/E/F/I
				X = SIEHE GESONDERTE E-LISTE	X = SEE SEPARATE PARTS LIST

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ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

Ersatzteilliste  
Spare Parts ListNUR FÜR INTERNEN GEBRAUCH  
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22 VLE 7181 C

BESTELL-NR. / ORDER NO.: GBJ7122 (JYW)

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		GBJ7122		22 VLE 7181 C PRODUKTCODE JYW KEIN E-TEIL	22 VLE 7181 C PRODUCT CODE JYW NO SPARE PART
				<b>Hinweis:</b> Sollte in dieser Ersatzteilliste Ihr "Product Code" oder Ihre Display-Variante nicht aufgeführt sein, finden Sie eine aktualisierte Version auf dem GRUNDIG Service-Portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .	<b>Note:</b> If your "Product Code" or display variant is not mentioned in the spare parts list, please look for a current version at the GRUNDIG service portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .
0001.000		759551557700		GEH.- VORDERTEIL SCHWARZ	FRONT CABINET BLACK
0002.000		759551610900		RUECKWAND SCHWARZ	BACK COVER BLACK
0005.000		759551608600		STANDFUSS SCHWARZ	STAND FOOT BLACK
0006.000		759551609100		STANDFUSS ZWISCHENSTUECK	STAND FOOT MIDDLEPART
0007.000		759551564700		KNOPF LED SCHWARZ	KNOB LED BLACK
0015.000		759551494700		LAUTSPRECHER 16 OHM 5/7 W	LOUDSPEAKER 16 OHM 5/7 W
0019.000		759551610500		KABEL LVDS 30 P 200MM	CABLE LVDS 30 P 200MM
0020.000	△	759551607600		LCD-DISPLAY LC216EXN-SDA1	LCD-DISPLAY LC216EXN-SDA1
0022.000	△	759551350200		NETZKABEL 150 CM	POWER CABLE 150 CM
0023.000	△	275990312300	X	LP-NETZTEILMODUL 22 LED TF CHA	POWER BOARD 22 LED TF CHA.(PSU)
0025.000	△	275991144100	X	LP-CHASSISMODUL TF (JYW)	CHASSIS BOARD TF (JYW)
0027.000		720117145700		FERNBEDIENUNG RC 23	REMOTE CONTROL RC 23
0030.000		759551558000		TASTSCHALTER	KEY SWITCH
0032.000		759551544900		IR-EMPFÄNGER TSOP35436TT	IR-RECEIVER TSOP35436TT
0033.000		759551549100		LED-SMD 1206 BLAU 250MCD 3.3V	LED-SMD 1206 BLUE 250MCD 3.3V
0090.000		759551558100		KARTON 22 „ LED	CARTON 22" LED
0091.000		759551564100		POLSTER OBEN	CUSHION TOP
0092.000		759551564200		POLSTER UNTEN	CUSHION BOTTOM
				DIE BEDIENUNGSANLEITUNG KOENNEN SIE IM INTERNET UNTER FOLGENDER ADRESSE ABRUFEN: WWW.GRUNDIG.DE MENU: DOWNLOADS	THE INSTRUCTION MANUAL CAN BE DOWNLOADED FROM THE INTERNET UNDER THE FOLLOWING ADDRESS: WWW.GRUNDIG.DE MENU: DOWNLOADS
		720100557000 720108000001		SERVICE MANUAL D/GB SICHERHEITSMANUAL D/GB/E/F/I	SERVICE MANUAL D/GB SAFETY SERVICE MANUAL D/GB/E/F/I
				X = SIEHE GESONDERTE E-LISTE	X = SEE SEPARATE PARTS LIST

Es gelten die Vorschriften und Sicherheitshinweise gemäß dem Service Manual "Sicherheit", Mat.-Nummer 720108000001, sowie zusätzlich die eventuell abweichenden, landesspezifischen Vorschriften!



The regulations and safety instructions shall be valid as provided by the "Safety" Service Manual, part number 720108000001, as well as the respective national deviations.

ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

Ersatzteilliste  
Spare Parts ListNUR FÜR INTERNEN GEBRAUCH  
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22 VLE 8102 C

BESTELL-NR. / ORDER NO.: GBJ8422 (KAF)

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		GBJ8422		22 VLE 8102 C PRODUKTCODE KAF KEIN E-TEIL	22 VLE 8102 C PRODUCT CODE KAF NO SPARE PART
				<b>Hinweis:</b> Sollte in dieser Ersatzteilliste Ihr "Product Code" oder Ihre Display-Variante nicht aufgeführt sein, finden Sie eine aktualisierte Version auf dem GRUNDIG Service-Portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .	<b>Note:</b> If your "Product Code" or display variant is not mentioned in the spare parts list, please look for a current version at the GRUNDIG service portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .
0001.000		759551564600		GEH.- VORDERTEIL SCHWARZ	FRONT CABINET BLACK
0002.000		759551610900		RUECKWAND SCHWARZ	BACK COVER BLACK
0005.000		759551608600		STANDFUSS SCHWARZ	STAND FOOT BLACK
0007.000		759551564700		KNOPF LED SCHWARZ	KNOB LED BLACK
0015.000		759551494700		LAUTSPRECHER 16 OHM 5/7 W	LOUDSPEAKER 16 OHM 5/7 W
0019.000		759551610500		KABEL LVDS 30 P 200MM	CABLE LVDS 30 P 200MM
0020.000	△	759551607600		LCD-DISPLAY LC216EXN-SDA1	LCD-DISPLAY LC216EXN-SDA1
0022.000	△	759551350200		NETZKABEL 150 CM	POWER CABLE 150 CM
0023.000	△	275990312300	X	LP-NETZTEILMODUL 22 LED TF CHA	POWER BOARD 22 LED TF CHA.(PSU)
0025.000	△	275991144100	X	LP-CHASSISMODUL TF (JYW)	CHASSIS BOARD TF (JYW)
0027.000		720117145700		FERNBEDIENUNG RC 23	REMOTE CONTROL RC 23
0028.000		720117145300		FERNBEDIENUNG TP EASY SCHWARZ	REMOTE CONTROL TP EASY BLACK
0030.000		759551558000		TASTSCHALTER	KEY SWITCH
0032.000		759551544900		IR-EMPFÄNGER TSOP35436TT	IR-RECEIVER TSOP35436TT
0033.000		759551549100		LED-SMD 1206 BLAU 250MCD 3.3V	LED-SMD 1206 BLUE 250MCD 3.3V
0090.000		759551558100		KARTON 22 „ LED	CARTON 22" LED
0091.000		759551564100		POLSTER OBEN	CUSHION TOP
0092.000		759551564200		POLSTER UNTEN	CUSHION BOTTOM
				DIE BEDIENUNGSANLEITUNG KOENNEN SIE IM INTERNET UNTER FOLGENDER ADRESSE ABRUFEN: WWW.GRUNDIG.DE MENU: DOWNLOADS	THE INSTRUCTION MANUAL CAN BE DOWNLOADED FROM THE INTERNET UNDER THE FOLLOWING ADDRESS: WWW.GRUNDIG.DE MENU: DOWNLOADS
		720100557000 720108000001		SERVICE MANUAL D/GB SICHERHEITSMANUAL D/GB/E/F/I	SERVICE MANUAL D/GB SAFETY SERVICE MANUAL D/GB/E/F/I
				X = SIEHE GESONDERTE E-LISTE	X = SEE SEPARATE PARTS LIST

Es gelten die Vorschriften und Sicherheitshinweise gemäß dem Service Manual "Sicherheit", Mat.-Nummer 720108000001, sowie zusätzlich die eventuell abweichenden, landesspezifischen Vorschriften!



The regulations and safety instructions shall be valid as provided by the "Safety" Service Manual, part number 720108000001, as well as the respective national deviations.

ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION



Ersatzteilliste  
Spare Parts ListNUR FÜR INTERNEN GEBRAUCH  
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22 VLE 8103 C

BESTELL-NR. / ORDER NO.: GBJ8922 (KFS)

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		GBJ8922		22 VLE 8103 C PRODUKTCODE KFS KEIN E-TEIL	22 VLE 8103 C PRODUCT CODE KFS NO SPARE PART
				<b>Hinweis:</b> Sollte in dieser Ersatzteilliste Ihr "Product Code" oder Ihre Display-Variante nicht aufgeführt sein, finden Sie eine aktualisierte Version auf dem GRUNDIG Service-Portal " <a href="http://service.grundig.de">http://service.grundig.de</a> ".	<b>Note:</b> If your "Product Code" or display variant is not mentioned in the spare parts list, please look for a current version at the GRUNDIG service portal " <a href="http://service.grundig.de">http://service.grundig.de</a> ".
0001.000		759551572200		GEH.- VORDERTEIL SILBER	FRONT CABINET SILVER
0002.000		759551611000		RUECKWAND SILBER	BACK COVER SILVER
0005.000		759551572400		STANDFUSS SILBER	STAND FOOT SILVER
0007.000		759551577700		KNOPF PROG./VOL./STD-BY SILBER	KNOB PROG./VOL./STD-BY SILVER
0015.000		759551494700		LAUTSPRECHER 16 OHM 5/7 W	LOUDSPEAKER 16 OHM 5/7 W
0019.000		759551610500		KABEL LVDS 30 P 200MM	CABLE LVDS 30 P 200MM
0020.000	△	759551607600		LCD-DISPLAY LC216EXN-SDA1	LCD-DISPLAY LC216EXN-SDA1
0022.000	△	759551350200		NETZKABEL 150 CM	POWER CABLE 150 CM
0023.000	△	275990312300	X	LP-NETZTEILMODUL 22 LED TF CHA	POWER BOARD 22 LED TF CHA.(PSU)
0025.000	△	275991144100	X	LP-CHASSISMODUL TF (JYW)	CHASSIS BOARD TF (JYW)
0027.000		720117145700		FERNBEDIENUNG RC 23	REMOTE CONTROL RC 23
0030.000		759551558000		TASTSCHALTER	KEY SWITCH
0032.000		759551544900		IR-EMPFÄNGER TSOP35436TT	IR-RECEIVER TSOP35436TT
0033.000		759551549100		LED-SMD 1206 BLAU 250MCD 3.3V	LED-SMD 1206 BLUE 250MCD 3.3V
0090.000		759551558100		KARTON 22 „LED	CARTON 22" LED
0091.000		759551564100		POLSTER OBEN	CUSHION TOP
0092.000		759551564200		POLSTER UNTEN	CUSHION BOTTOM
				DIE BEDIENUNGSANLEITUNG KOENNEN SIE IM INTERNET UNTER FOLGENDER ADRESSE ABRUFEN: WWW.GRUNDIG.DE MENU: DOWNLOADS	THE INSTRUCTION MANUAL CAN BE DOWNLOADED FROM THE INTERNET UNDER THE FOLLOWING ADDRESS: WWW.GRUNDIG.DE MENU: DOWNLOADS
		720100557000		SERVICE MANUAL D/GB	SERVICE MANUAL D/GB
		720108000001		SICHERHEITSMANUAL D/GB/E/F/I	SAFETY SERVICE MANUAL D/GB/E/F/I
				X = SIEHE GESONDERTE E-LISTE	X = SEE SEPARATE PARTS LIST

Ersatzteilliste  
Spare Parts ListNUR FÜR INTERNEN GEBRAUCH  
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26 GLX 3102 C

BESTELL-NR. / ORDER NO.: GBJ2026 (KBU)

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		GBJ2026		26 GLX 3102 C PRODUKTCODE KBU KEIN E-TEIL	26 GLX 3102 C PRODUCT CODE KBU NO SPARE PART
				<b>Hinweis:</b> Sollte in dieser Ersatzteilliste Ihr "Product Code" oder Ihre Display-Variante nicht aufgeführt sein, finden Sie eine aktualisierte Version auf dem GRUNDIG Service-Portal " <a href="http://service.grundig.de">http://service.grundig.de</a> ".	<b>Note:</b> If your "Product Code" or display variant is not mentioned in the spare parts list, please look for a current version at the GRUNDIG service portal " <a href="http://service.grundig.de">http://service.grundig.de</a> ".
0001.000		759551569600		GEH.- VORDERTEIL SCHWARZ	FRONT CABINET BLACK
0002.000		759551611100		RUECKWAND SCHWARZ	BACK COVER BLACK
0005.000		759551582000		STANDFUSS SCHWARZ	STAND FOOT BLACK
0007.000		759551547900		KNOPF PROG./VOL./STD-BY SCHWARZ	KNOB PROG./VOL./STD-BY BLACK
0015.000		759551437700		LAUTSPRECHER 8 OHM 15/22.5W	LOUDSPEAKER 8 OHM 15/22.5W
0019.000		759551548100		KABEL DISPLAY-LVDS 400MM	CABLE DISPLAY-LVDS 400MM
0020.000	△	759551617600		LCD-DISPLAY LTA260AP05-E03*1	LCD-DISPLAY LTA260AP05-E03*1
0020.000	△	759551571800		LCD-DISPLAY LTA260AP05-006/E01*2	LCD-DISPLAY LTA260AP05-006/E01*2
0021.000		759551599700		INVERTERKABEL 300 MM	INVERTERCABLE 300 MM
0022.000	△	759551343100		NETZKABEL 180CM	POWER CABLE 180CM
0023.000	△	275990312500		LP-NETZTEILMODUL 115W TV PSU	POWER BOARD 115W TV PSU
0025.000	△	275991147100	X	LP-CHASSISMODUL TF (DI6)*1	CHASSIS BOARD TF (DI6)*1
0025.000	△	275991144900	X	LP-CHASSISMODUL TF (KBU)*2	CHASSIS BOARD TF (KBU)*2
0027.000		720117145700		FERNBEDIENUNG RC 23	REMOTE CONTROL RC 23
0028.000		720117145300		FERNBEDIENUNG TP EASY SCHWARZ	REMOTE CONTROL TP EASY BLACK
0030.000		759551057800		TASTSCHALTER	KEY SWITCH
0032.000		759551504200		IR-EMPFÄNGER TSOP38438	IR RECEIVER TSOP38438
0033.000		759551541600		LED BLAU 3MM 2.89 V	LED BLUE 3MM 2.89 V
0090.000		759551496200		KARTON	CARTON
0091.000		759551496900		POLSTER OBEN LINKS/RECHTS	CUSHION TOP LEFT/RIGHT
0092.000		759551497000		POLSTER BODEN LINKS/RECHTS	CUSHION BOTTOM LEFT/RIGHT
				DIE BEDIENUNGSANLEITUNG KOENNEN SIE IM INTERNET UNTER FOLGENDER ADRESSE ABRUFEN: WWW.GRUNDIG.DE MENU: DOWNLOADS	THE INSTRUCTION MANUAL CAN BE DOWNLOADED FROM THE INTERNET UNDER THE FOLLOWING ADDRESS: WWW.GRUNDIG.DE MENU: DOWNLOADS
		720100557000		SERVICE MANUAL D/GB	SERVICE MANUAL D/GB
		720108000001		SICHERHEITSMANUAL D/GB/E/F/I	SAFETY SERVICE MANUAL D/GB/E/F/I
				X = SIEHE GESONDERTE E-LISTE	X = SEE SEPARATE PARTS LIST

Es gelten die Vorschriften und Sicherheitshinweise gemäß dem Service Manual "Sicherheit", Mat.-Nummer 720108000001, sowie zusätzlich die eventuell abweichenden, landesspezifischen Vorschriften!



The regulations and safety instructions shall be valid as provided by the "Safety" Service Manual, part number 720108000001, as well as the respective national deviations.

ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

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The regulations and safety instructions shall be valid as provided by the "Safety" Service Manual, part number 720108000001, as well as the respective national deviations.

ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

Ersatzteilliste  
Spare Parts ListNUR FÜR INTERNEN GEBRAUCH  
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26 VLC 3100 C

BESTELL-NR. / ORDER NO.: GBJ1026 (KAG)

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		GBJ1026		26 VLC 3100 C PRODUKTCODE <b>KAG</b> KEIN E-TEIL	26 VLC 3100 C PRODUCT CODE <b>KAG</b> NO SPARE PART
				<b>Hinweis:</b> Sollte in dieser Ersatzteilliste Ihr "Product Code" oder Ihre Display-Variante nicht aufgeführt sein, finden Sie eine aktualisierte Version auf dem GRUNDIG Service-Portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .	<b>Note:</b> If your "Product Code" or display variant is not mentioned in the spare parts list, please look for a current version at the GRUNDIG service portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .
0001.000		759551506000		GEH.-VORDERTEIL SCHWARZ	FRONT CABINET BLACK
0002.000		759551610700		RUECKWAND SCHWARZ	BACK COVER BLACK
0005.000		759551582000		STANDFUSS SCHWARZ	STAND FOOT BLACK
0007.000		759551496800		KNOPF BEDIENUNG SCHWARZ	KNOB CONTROL BLACK
0015.000		759551437700		LAUTSPRECHER 8 OHM 15/22.5W	LOUDSPEAKER 8 OHM 15/22.5W
0019.000		759551460800		KABEL DISPLAY-LVDS 400MM	CABLE DISPLAY-LVDS 400MM
0020.000	△	759551592600		LCD-DISPLAY T260XW04 V705*1	LCD-DISPLAY T260XW04 V705*1
0020.000	△	759551616800		LCD-DISPLAY T260XW04 V707*2	LCD-DISPLAY T260XW04 V707*2
0021.000		759551599700		INVERTERKABEL 300 MM	INVERTERCABLE 300 MM
0022.000	△	759551343100		NETZKABEL 180CM	POWER CABLE 180CM
0023.000	△	759551610800		LP-NETZTEILMODUL 139W TV PSU	POWER BOARD 22 139W TV PSU
0025.000	△	275991144700	X	LP-CHASSISMODUL TF (KAG)*1	CHASSIS BOARD TF (KAG)*1
0025.000	△	275991146800	X	LP-CHASSISMODUL TF (CRQ)*2	CHASSIS BOARD TF (CRQ)*2
0027.000		720117144800		FERNBEDIENUNG TP3	REMOTE CONTROL TP3
0028.000		720117145300		FERNBEDIENUNG TP EASY SCHWARZ*2	REMOTE CONTROL TP EASY BLACK*2
0029.000		275990230500		LP-BEDIENMODUL TT 26T8 CB8	CONTROL BOARD TT 26T8 CB8
0030.000		759551057800		TASTSCHALTER	KEY SWITCH
0032.000		759551504200		IR-EMPFAENGER TSOP38438	IR RECEIVER TSOP38438
0033.000		759551541600		LED BLAU 3MM 2.89 V	LED BLUE 3MM 2.89 V
0090.000		759551496200		KARTON	CARTON
0091.000		759551496900		POLSTER OBEN LINKS/RECHTS	CUSHION TOP LEFT/RIGHT
0092.000		759551497000		POLSTER BODEN LINKS/RECHTS	CUSHION BOTTOM LEFT/RIGHT
				DIE BEDIENUNGSANLEITUNG KOENNEN SIE IM INTERNET UNTER FOLGENDER ADRESSE ABRUFEN: WWW.GRUNDIG.DE MENU: DOWNLOADS	THE INSTRUCTION MANUAL CAN BE DOWNLOADED FROM THE INTERNET UNDER THE FOLLOWING ADDRESS: WWW.GRUNDIG.DE MENU: DOWNLOADS
		720100557000		SERVICE MANUAL D/GB	SERVICE MANUAL D/GB
		720108000001		SICHERHEITSMANUAL D/GB/E/F/I	SAFETY SERVICE MANUAL D/GB/E/F/I
				X = SIEHE GESONDERTE E-LISTE	X = SEE SEPARATE PARTS LIST

Ersatzteilliste  
Spare Parts ListNUR FÜR INTERNEN GEBRAUCH  
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26 VLC 4102 T2

BESTELL-NR. / ORDER NO.: GBJ2426 (JYH)

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		GBJ2426		26 VLC 4102 T2 PRODUKTCODE <b>JYH</b> KEIN E-TEIL	26 VLC 4102 T2 PRODUCT CODE <b>JYH</b> NO SPARE PART
				<b>Hinweis:</b> Sollte in dieser Ersatzteilliste Ihr "Product Code" oder Ihre Display-Variante nicht aufgeführt sein, finden Sie eine aktualisierte Version auf dem GRUNDIG Service-Portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .	<b>Note:</b> If your "Product Code" or display variant is not mentioned in the spare parts list, please look for a current version at the GRUNDIG service portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .
0001.000		759551506000		GEH.-VORDERTEIL SCHWARZ	FRONT CABINET BLACK
0002.000		759551610700		RUECKWAND SCHWARZ	BACK COVER BLACK
0005.000		759551582000		STANDFUSS SCHWARZ	STAND FOOT BLACK
0007.000		759551496800		KNOPF BEDIENUNG SCHWARZ	KNOB CONTROL BLACK
0015.000		759551437700		LAUTSPRECHER 8 OHM 15/22.5W	LOUDSPEAKER 8 OHM 15/22.5W
0019.000		759551460800		KABEL DISPLAY-LVDS 400MM	CABLE DISPLAY-LVDS 400MM
0020.000	△	759551616800		LCD-DISPLAY T260XW04 V707	LCD-DISPLAY T260XW04 V707
0021.000		759551599700		INVERTERKABEL 300 MM	INVERTERCABLE 300 MM
0022.000	△	759551343100		NETZKABEL 180CM	POWER CABLE 180CM
0023.000	△	759551610800		LP-NETZTEILMODUL 139W TV PSU	POWER BOARD 22 139W TV PSU
0025.000	△	275991148300	X	LP-CHASSISMODUL TF (CSE)	CHASSIS BOARD TF (CSE)
0027.000		720117144800		FERNBEDIENUNG TP3	REMOTE CONTROL TP3
0028.000		720117145300		FERNBEDIENUNG TP EASY SCHWARZ	REMOTE CONTROL TP EASY BLACK
0029.000		275990230500		LP-BEDIENMODUL TT 26T8 CB8	CONTROL BOARD TT 26T8 CB8
0030.000		759551057800		TASTSCHALTER	KEY SWITCH
0032.000		759551504200		IR-EMPFAENGER TSOP38438	IR RECEIVER TSOP38438
0033.000		759551541600		LED BLAU 3MM 2.89 V	LED BLUE 3MM 2.89 V
0090.000		759551496200		KARTON	CARTON
0091.000		759551496900		POLSTER OBEN LINKS/RECHTS	CUSHION TOP LEFT/RIGHT
0092.000		759551497000		POLSTER BODEN LINKS/RECHTS	CUSHION BOTTOM LEFT/RIGHT
				DIE BEDIENUNGSANLEITUNG KOENNEN SIE IM INTERNET UNTER FOLGENDER ADRESSE ABRUFEN: WWW.GRUNDIG.DE MENU: DOWNLOADS	THE INSTRUCTION MANUAL CAN BE DOWNLOADED FROM THE INTERNET UNDER THE FOLLOWING ADDRESS: WWW.GRUNDIG.DE MENU: DOWNLOADS
		720100557000		SERVICE MANUAL D/GB	SERVICE MANUAL D/GB
		720108000001		SICHERHEITSMANUAL D/GB/E/F/I	SAFETY SERVICE MANUAL D/GB/E/F/I
				X = SIEHE GESONDERTE E-LISTE	X = SEE SEPARATE PARTS LIST

Es gelten die Vorschriften und Sicherheitshinweise gemäß dem Service Manual "Sicherheit", Mat.-Nummer 720108000001, sowie zusätzlich die eventuell abweichenden, landesspezifischen Vorschriften!



The regulations and safety instructions shall be valid as provided by the "Safety" Service Manual, part number 720108000001, as well as the respective national deviations.

ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

Es gelten die Vorschriften und Sicherheitshinweise gemäß dem Service Manual "Sicherheit", Mat.-Nummer 720108000001, sowie zusätzlich die eventuell abweichenden, landesspezifischen Vorschriften!



The regulations and safety instructions shall be valid as provided by the "Safety" Service Manual, part number 720108000001, as well as the respective national deviations.

ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

Ersatzteilliste  
Spare Parts ListNUR FÜR INTERNEN GEBRAUCH  
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26 VLC 4112 C

BESTELL-NR. / ORDER NO.: GBJ3126 (KCB)

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		GBJ3126		26 VLC 4112 C PRODUKT CODE <b>KCB</b> KEIN E-TEIL	26 VLC 4112 C PRODUCT CODE <b>KCB</b> NO SPARE PART
				<b>Hinweis:</b> Sollte in dieser Ersatzteilliste Ihr "Product Code" oder Ihre Display-Variante nicht aufgeführt sein, finden Sie eine aktualisierte Version auf dem GRUNDIG Service-Portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .	<b>Note:</b> If your "Product Code" or display variant is not mentioned in the spare parts list, please look for a current version at the GRUNDIG service portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .
0001.000		759551588000		GEH.- VORDERTEIL SCHWARZ	FRONT CABINET BLACK
0002.000		759551611100		RUECKWAND SCHWARZ	BACK COVER BLACK
0005.000		759551582000		STANDFUSS SCHWARZ	STAND FOOT BLACK
0007.000		759551547900		KNOPF PROG./VOL./STD-BY SCHWARZ	KNOPF PROG./VOL./STD-BY BLACK
0015.000		759551437700		LAUTSPRECHER 8 OHM 15/22.5W	LOUDSPEAKER 8 OHM 15/22.5W
0019.000		759551548100		KABEL DISPLAY-LVDS 400MM*1	CABLE DISPLAY-LVDS 400MM*1
0019.000		759551460800		KABEL DISPLAY-LVDS 400MM*2	CABLE DISPLAY-LVDS 400MM*2
0019.000		759551398900		KABEL DISPLAY-LVDS 250MM*3	CABLE DISPLAY-LVDS 250MM*3
0019.000		759551548100		KABEL DISPLAY-LVDS 400MM*4	CABLE DISPLAY-LVDS 400MM*4
0020.000	△	759551571800		LCD-DISPLAY LTA260AP05-006*1	LCD-DISPLAY LTA260AP05-006*1
0020.000	△	759551592600		LCD-DISPLAY T260WX04 V705*2	LCD-DISPLAY T260WX04 V705*2
0020.000	△	759551512400		LCD-DISPLAY LC260WXN-SBA1*3	LCD-DISPLAY LC260WXN-SBA1*3
0020.000	△	759551617600		LCD-DISPLAY LTA260AP05-E03*4	LCD-DISPLAY LTA260AP05-E03*4
0021.000		759551599700		INVERTERKABEL 300 MM	INVERTER CABLE 300 MM
0022.000	△	759551343100		NETZKABEL 180CM	POWER CABLE 180CM
0023.000	△	275990312500		LP-NETZTEILMODUL 115W TV PSU	POWER BOARD 115W TV PSU
0025.000	△	275991144900	X	LP-CHASSISMODUL TF (KBU)*1	CHASSIS BOARD TF (KBU)*1
0025.000	△	275991147500	X	LP-CHASSISMODUL TF (DKJ)*2	CHASSIS BOARD TF (DKJ)*2
0025.000	△	275991147400	X	LP-CHASSISMODUL TF (7ZW)*3	CHASSIS BOARD TF (7ZW)*3
0025.000	△	275991147100	X	LP-CHASSISMODUL TF (DI6)*4	CHASSIS BOARD TF (DI6)*4
0027.000		720117145700		REMOTEBEDIENUNG RC 23	REMOTE CONTROL RC 23
0028.000		720117145300		FERNBEDIENUNG TP EASY SCHWARZ	REMOTE CONTROL TP EASY BLACK
0030.000		759551057800		TASTSCHALTER	KEY SWITCH
0032.000		759551504200		IR-EMPFAENGER TSOP38438	IR RECEIVER TSOP38438
0033.000		759551541500		LED BLAU 5MM 3,5 V	LED BLUE 5MM 3,5 V
0090.000		759551496200		KARTON	CARTON
0091.000		759551496900		POLSTER OBEN LINKS/RECHTS	CUSHION TOP LEFT/RIGHT
0092.000		759551497000		POLSTER BODEN LINKS/RECHTS	CUSHION BOTTOM LEFT/RIGHT
				DIE BEDIENUNGSANLEITUNG KOENNEN SIE IM INTERNET UNTER FOLGENDER ADRESSE ABRUFEN: WWW.GRUNDIG.DE MENU: DOWNLOADS	THE INSTRUCTION MANUAL CAN BE DOWNLOADED FROM THE INTERNET UNDER THE FOLLOWING ADDRESS: WWW.GRUNDIG.DE MENU: DOWNLOADS
		720100557000		SERVICE MANUAL D/GB	SERVICE MANUAL D/GB
		720108000001		SICHERHEITSMANUAL D/GB/E/F/I	SAFETY SERVICE MANUAL D/GB/E/F/I
				X = SIEHE GESONDERTE E-LISTE	X = SEE SEPARATE PARTS LIST

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ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

Ersatzteilliste  
Spare Parts ListNUR FÜR INTERNEN GEBRAUCH  
FOR INTERNAL USE ONLY

TV

9 / 2011

32 GLX 3102 C

BESTELL-NR. / ORDER NO.: GBJ0032 (KBX)

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		GBJ0032		32 GLX 3102 C PRODUKT CODE <b>KBX</b> KEIN E-TEIL	32 GLX 3102 C PRODUCT CODE <b>KBX</b> NO SPARE PART
				<b>Hinweis:</b> Sollte in dieser Ersatzteilliste Ihr "Product Code" oder Ihre Display-Variante nicht aufgeführt sein, finden Sie eine aktualisierte Version auf dem GRUNDIG Service-Portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .	<b>Note:</b> If your "Product Code" or display variant is not mentioned in the spare parts list, please look for a current version at the GRUNDIG service portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .
0001.000		759551569300		GEH.- VORDERTEIL SCHWARZ	FRONT CABINET BLACK
0002.000		759551611300		RUECKWAND SCHWARZ	BACK COVER BLACK
0005.000		759551582000		STANDFUSS SCHWARZ	STAND FOOT BLACK
0007.000		759551547900		KNOPF PROG./VOL./STD-BY SCHWARZ	KNOPF PROG./VOL./STD-BY BLACK
0015.000		759551437700		LAUTSPRECHER 8 OHM 15/22.5W	LOUDSPEAKER 8 OHM 15/22.5W
0019.000		759551548100		KABEL DISPLAY-LVDS 400MM	CABLE DISPLAY-LVDS 400MM
0020.000	△	759551571600		LCD-DISPLAY LTA320AP06-011*1	LCD-DISPLAY LTA320AP06-011*1
0020.000	△	759551620700		LCD-DISPLAY LTA320AP06-E02*2	LCD-DISPLAY LTA320AP06-E02*2
0021.000	△	759551600300		INVERTERKABEL 400 MM	INVERTER CABLE 400 MM
0022.000	△	759551343100		NETZKABEL 180CM	POWER CABLE 180CM
0023.000	△	275990312500		LP-NETZTEILMODUL 115W TV PSU	POWER BOARD 115W TV PSU
0025.000	△	275991145100	X	LP-CHASSISMODUL TF (KBX)*1	CHASSIS BOARD TF (KBX)*1
0025.000	△	275991149500	X	LP-CHASSISMODUL TF (KCA)*2	CHASSIS BOARD TF (KCA)*2
0027.000		720117145700		FERNBEDIENUNG RC 23	REMOTE CONTROL RC 23
0028.000		720117145300		FERNBEDIENUNG TP EASY SCHWARZ	REMOTE CONTROL TP EASY BLACK
0030.000		759551057800		TASTSCHALTER	KEY SWITCH
0032.000		759551504200		IR-EMPFAENGER TSOP38438	IR RECEIVER TSOP38438
0033.000		759551541600		LED BLAU 3MM 2,89 V	LED BLUE 3MM 2.89 V
0090.000		759551517400		KARTON 32"	CARTON 32"
0091.000		759551517500		POLSTER OBEN	CUSHION TOP
0092.000		759551517600		POLSTER UNTEN	CUSHION BOTTOM
				DIE BEDIENUNGSANLEITUNG KOENNEN SIE IM INTERNET UNTER FOLGENDER ADRESSE ABRUFEN: WWW.GRUNDIG.DE MENU: DOWNLOADS	THE INSTRUCTION MANUAL CAN BE DOWNLOADED FROM THE INTERNET UNDER THE FOLLOWING ADDRESS: WWW.GRUNDIG.DE MENU: DOWNLOADS
		720100557000		SERVICE MANUAL D/GB	SERVICE MANUAL D/GB
		720108000001		SICHERHEITSMANUAL D/GB/E/F/I	SAFETY SERVICE MANUAL D/GB/E/F/I
				X = SIEHE GESONDERTE E-LISTE	X = SEE SEPARATE PARTS LIST

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ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

Ersatzteilliste  
Spare Parts ListNUR FÜR INTERNEN GEBRAUCH  
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9 / 2011

32 VLC 3100 C

BESTELL-NR. / ORDER NO.: GBJ0332 (KAH)

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		GBJ0332		32 VLC 3100 C PRODUKTCODE <b>KAH</b> KEIN E-TEIL	32 VLC 3100 C PRODUCT CODE <b>KAH</b> NO SPARE PART
				<b>Hinweis:</b> Sollte in dieser Ersatzteilliste Ihr "Product Code" oder Ihre Display-Variante nicht aufgeführt sein, finden Sie eine aktualisierte Version auf dem GRUNDIG Service-Portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .	<b>Note:</b> If your "Product Code" or display variant is not mentioned in the spare parts list, please look for a current version at the GRUNDIG service portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .
0001.000		759551509300		GEH.-VORDERTEIL SCHWARZ	FRONT CABINET BLACK
0002.000		759551620600		RUECKWAND SCHWARZ	BACK COVER BLACK
0005.000		759551582000		STANDFUSS SCHWARZ	STAND FOOT BLACK
0007.000		759551496800		KNOPF BEDIENUNG SCHWARZ	KNOB CONTROL BLACK
0015.000		759551437700		LAUTSPRECHER 8 OHM 15/22.5W	LOUDSPEAKER 8 OHM 15/22.5W
0019.000		759551548100		KABEL DISPLAY-LVDS 400MM	CABLE DISPLAY-LVDS 400MM
0020.000	△	759551620700		LCD-DISPLAY SS LTA320AP06-E02	LCD-DISPLAY SS LTA320AP06-E02
0021.000	△	759551600300		INVERTERKABEL 400 MM	INVERTER CABLE 400 MM
0022.000	△	759551343100		NETZKABEL 180CM	POWER CABLE 180CM
0023.000	△	759551610800		LP-NETZTEILMODUL 139W TV PSU	POWER BOARD 22 139W TV PSU
0025.000	△	275991149200	X	LP-CHASSISMODUL TF (AV9)	CHASSIS BOARD TF (AV9)
0027.000		720117144800		FERNBEDIENUNG TP3	REMOTE CONTROL TP3
0028.000		720117145300		FERNBEDIENUNG TP EASY SCHWARZ	REMOTE CONTROL TP EASY BLACK
0029.000		275990230500		LP-BEDIENMODUL TT 26T8 CB8	CONTROL BOARD TT 26T8 CB8
0030.000		759551057800		TASTSCHALTER	KEY SWITCH
0032.000		759551504200		IR-EMPFAENGER TSOP38438	IR RECEIVER TSOP38438
0033.000		759551541600		LED BLAU 3MM 2.89 V	LED BLUE 3MM 2.89 V
0090.000		759551517400		KARTON 32"	CARTON 32"
0091.000		759551517500		POLSTER OBEN	CUSHION TOP
0092.000		759551517600		POLSTER UNTEN	CUSHION BOTTOM
				DIE BEDIENUNGSANLEITUNG KOENNEN SIE IM INTERNET UNTER FOLGENDER ADRESSE ABRUFEN: WWW.GRUNDIG.DE MENU: DOWNLOADS	THE INSTRUCTION MANUAL CAN BE DOWNLOADED FROM THE INTERNET UNDER THE FOLLOWING ADDRESS: WWW.GRUNDIG.DE MENU: DOWNLOADS
		720100557000		SERVICE MANUAL D/GB	SERVICE MANUAL D/GB
		720108000001		SICHERHEITSMANUAL D/GB/E/F/I	SAFETY SERVICE MANUAL D/GB/E/F/I
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ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

Ersatzteilliste  
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32 VLC 4102 T2

BESTELL-NR. / ORDER NO.: GBJ4732 (KBF)

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		GBJ4732		32 VLC 4102 T2 PRODUKTCODE <b>KBF</b> KEIN E-TEIL	32 VLC 4102 T2 PRODUCT CODE <b>KBF</b> NO SPARE PART
				<b>Hinweis:</b> Sollte in dieser Ersatzteilliste Ihr "Product Code" oder Ihre Display-Variante nicht aufgeführt sein, finden Sie eine aktualisierte Version auf dem GRUNDIG Service-Portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .	<b>Note:</b> If your "Product Code" or display variant is not mentioned in the spare parts list, please look for a current version at the GRUNDIG service portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .
0001.000		759551509300		GEH.-VORDERTEIL SCHWARZ	FRONT CABINET BLACK
0002.000		759551620600		RUECKWAND SCHWARZ	BACK COVER BLACK
0005.000		759551582000		STANDFUSS SCHWARZ	STAND FOOT BLACK
0007.000		759551496800		KNOPF BEDIENUNG SCHWARZ	KNOB CONTROL BLACK
0015.000		759551437700		LAUTSPRECHER 8 OHM 15/22.5W	LOUDSPEAKER 8 OHM 15/22.5W
0019.000		759551548100		KABEL DISPLAY-LVDS 400MM	CABLE DISPLAY-LVDS 400MM
0020.000	△	759551620700		LCD-DISPLAY SS LTA320AP06-E02	LCD-DISPLAY SS LTA320AP06-E02
0021.000	△	759551600300		INVERTERKABEL 400 MM	INVERTER CABLE 400 MM
0022.000	△	759551343100		NETZKABEL 180CM	POWER CABLE 180CM
0023.000	△	759551610800		LP-NETZTEILMODUL 139W TV PSU	POWER BOARD 22 139W TV PSU
0025.000	△	275991149400	X	LP-CHASSISMODUL TF (KBF)	CHASSIS BOARD TF (KBF)
0027.000		720117144800		FERNBEDIENUNG TP3	REMOTE CONTROL TP3
0028.000		720117145300		FERNBEDIENUNG TP EASY SCHWARZ	REMOTE CONTROL TP EASY BLACK
0029.000		275990230500		LP-BEDIENMODUL TT 26T8 CB8	CONTROL BOARD TT 26T8 CB8
0030.000		759551057800		TASTSCHALTER	KEY SWITCH
0032.000		759551504200		IR-EMPFAENGER TSOP38438	IR RECEIVER TSOP38438
0033.000		759551541600		LED BLAU 3MM 2.89 V	LED BLUE 3MM 2.89 V
0090.000		759551517400		KARTON 32"	CARTON 32"
0091.000		759551517500		POLSTER OBEN	CUSHION TOP
0092.000		759551517600		POLSTER UNTEN	CUSHION BOTTOM
				DIE BEDIENUNGSANLEITUNG KOENNEN SIE IM INTERNET UNTER FOLGENDER ADRESSE ABRUFEN: WWW.GRUNDIG.DE MENU: DOWNLOADS	THE INSTRUCTION MANUAL CAN BE DOWNLOADED FROM THE INTERNET UNDER THE FOLLOWING ADDRESS: WWW.GRUNDIG.DE MENU: DOWNLOADS
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		720108000001		SICHERHEITSMANUAL D/GB/E/F/I	SAFETY SERVICE MANUAL D/GB/E/F/I
				X = SIEHE GESONDERTE E-LISTE	X = SEE SEPARATE PARTS LIST

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ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

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Spare Parts ListNUR FÜR INTERNEN GEBRAUCH  
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32 VLC 4112 C

BESTELL-NR. / ORDER NO.: GBJ3232 (KCA)

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		GBJ3232		32 VLC 4112 C PRODUKTCODE <b>KCA</b> KEIN E-TEIL	32 VLC 4112 C PRODUCT CODE <b>KCA</b> NO SPARE PART
				<b>Hinweis:</b> Sollte in dieser Ersatzteilliste Ihr "Product Code" oder Ihre Display-Variante nicht aufgeführt sein, finden Sie eine aktualisierte Version auf dem GRUNDIG Service-Portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .	<b>Note:</b> If your "Product Code" or display variant is not mentioned in the spare parts list, please look for a current version at the GRUNDIG service portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .
0001.000		759551547600		GEH.- VORDERTEIL SCHWARZ	FRONT CABINET BLACK
0002.000		759551611300		RUECKWAND SCHWARZ	BACK COVER BLACK
0005.000		759551582000		STANDFUSS SCHWARZ	STAND FOOT BLACK
0007.000		759551547900		KNOPF PROG./VOL./STD-BY SCHWARZ	KNOB PROG./VOL./STD-BY BLACK
0015.000		759551437700		LAUTSPRECHER 8 OHM 15/22.5W	LOUDSPEAKER 8 OHM 15/22.5W
0019.000		759551548100		KABEL DISPLAY-LVDS 400MM	CABLE DISPLAY-LVDS 400MM
0020.000	△	759551620700		LCD-DISPLAY SS LTA320AP06-E02	LCD-DISPLAY SS LTA320AP06-E02
0021.000	△	759551600300		INVERTERKABEL 400 MM	INVERTER CABLE 400 MM
0022.000	△	759551343100		NETZKABEL 180CM	POWER CABLE 180CM
0023.000	△	275990312500		LP-NETZTEILMODUL 115W TV PSU	POWER BOARD 115W TV PSU
0025.000	△	275991149500	X	LP-CHASSISMODUL TF (KCA)	CHASSIS BOARD TF (KCA)
0027.000		720117145700		FERNBEDIENUNG RC 23	REMOTE CONTROL RC 23
0028.000		720117145300		FERNBEDIENUNG TP EASY SCHWARZ	REMOTE CONTROL TP EASY BLACK
0030.000		759551057800		TASTSCHALTER	KEY SWITCH
0032.000		759551504200		IR-EMPFÄNGER TSOP38438	IR RECEIVER TSOP38438
0033.000		759551541500		LED BLAU 5MM 3,5 V	LED BLUE 5MM 3,5 V
0090.000		759551517400		KARTON 32"	CARTON 32"
0091.000		759551517500		POLSTER OBEN	CUSHION TOP
0092.000		759551517600		POLSTER UNTEN	CUSHION BOTTOM
				DIE BEDIENUNGSANLEITUNG KOENNEN SIE IM INTERNET UNTER FOLGENDER ADRESSE ABRUFEN: WWW.GRUNDIG.DE MENU: DOWNLOADS	THE INSTRUCTION MANUAL CAN BE DOWNLOADED FROM THE INTERNET UNDER THE FOLLOWING ADDRESS: WWW.GRUNDIG.DE MENU: DOWNLOADS
		720100557000		SERVICE MANUAL D/GB	SERVICE MANUAL D/GB
		720108000001		SICHERHEITSMANUAL D/GB/E/F/I	SAFETY SERVICE MANUAL D/GB/E/F/I
				X = SIEHE GESONDERTE E-LISTE	X = SEE SEPARATE PARTS LIST

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ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

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Ersatzteilliste  
Spare Parts ListNUR FÜR INTERNEN GEBRAUCH  
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32 VLC 6110 C

BESTELL-NR. / ORDER NO.: GBJ4632 (JZB)

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		GBJ4632		32 VLC 6110 C PRODUKTCODE <b>JZB</b> KEIN E-TEIL	32 VLC 6110 C PRODUCT CODE <b>JZB</b> NO SPARE PART
				<b>Hinweis:</b> Sollte in dieser Ersatzteilliste Ihr "Product Code" oder Ihre Display-Variante nicht aufgeführt sein, finden Sie eine aktualisierte Version auf dem GRUNDIG Service-Portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .	<b>Note:</b> If your "Product Code" or display variant is not mentioned in the spare parts list, please look for a current version at the GRUNDIG service portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .
0001.000		759551563700		GEH.- VORDERTEIL SCHWARZ	FRONT CABINET BLACK
0002.000		759551608300		RUECKWAND SCHWARZ	BACK COVER BLACK
0005.000		759551589900		STAND FUSS SCHWARZ	STAND FOOT BLACK
0007.000		759551496800		KNOPF BEDIENUNG SCHWARZ	KNOB CONTROL BLACK
0015.000		759551401200		LAUTSPRECHER 10/15W 8 OHM	LOUDSPEAKER 10/15W 8 OHM
0019.000		759551525500		KABEL DISPLAY-LVDS 410MM*1	CABLE DISPLAY -LVDS 410MM*1
0019.000		759551496500		KABEL DISPLAY-LVDS 400MM*2	CABLE DISPLAY -LVDS 400MM*2
0020.000	△	759551565700		LCD-DISPLAY LC320WUN-SCB1*1	LCD-DISPLAY LC320WUN-SCB1*1
0020.000	△	759551563100		LCD-DISPLAY LTA320HA02-S06*2	LCD-DISPLAY LTA320HA02-S06*2
0021.000	△	759551599700		INVERTERKABEL 300 MM*1	INVERTER CABLE 300 MM*1
0021.000	△	759551600300		INVERTERKABEL 400 MM*2	INVERTER CABLE 400 MM*2
0022.000	△	759551574500		NETZKABEL 160 CM	CORD POWER 160 CM
0023.000	△	275990312400		LP-NETZTEILMODUL 223W TV PSU	POWER BOARD 223W TV PSU
0024.000	△	759550976400		NETZSCHALTER OHNE HALTER	POWER SWITCH WITHOUT HOLDER
0025.000	△	275991148400	X	LP-CHASSISMODUL TF (DJ9)*1	CHASSIS BOARD TF (DJ9)*1
0025.000	△	275991148500	X	LP-CHASSISMODUL TF (JZB)*2	CHASSIS BOARD TF (JZB)*2
0027.000		720117144800		FERNBEDIENUNG TP3	REMOTE CONTROL TP3
0028.000		720117145300		FERNBEDIENUNG TP EASY SCHWARZ	REMOTE CONTROL TP EASY BLACK
0030.000		759551558000		TASTSCHALTER	KEY SWITCH
0032.000		759551544900		IR-EMPFÄNGER TSOP35436TT	IR-RECEIVER TSOP35436TT
0033.000		759551549100		LED-SMD 1206 BLAU 250MCD 3.3V	LED-SMD 1206 BLUE 250MCD 3.3V
0090.000		759551559700		KARTON OBERTEIL VLC	CARTON TOP VLC
0091.000		759551559800		KARTON UNTERTEIL VLC	CARTON BOTTOM VLC
0092.000		759551560200		POLSTER OBEN	CUSHION TOP
0093.000		759551560100		POLSTER OBEN RECHTS	CUSHION TOP RIGHT
0094.000		759551559900		POLSTER BODEN LINKS	CUSHION BOTTOM LEFT
0095.000		759551560000		POLSTER BODEN RECHTS	CUSHION BOTTOM RIGHT
				DIE BEDIENUNGSANLEITUNG KOENNEN SIE IM INTERNET UNTER FOLGENDER ADRESSE ABRUFEN: WWW.GRUNDIG.DE MENU: DOWNLOADS	THE INSTRUCTION MANUAL CAN BE DOWNLOADED FROM THE INTERNET UNDER THE FOLLOWING ADDRESS: WWW.GRUNDIG.DE MENU: DOWNLOADS
		720100557000		SERVICE MANUAL D/GB	SERVICE MANUAL D/GB
		720108000001		SICHERHEITSMANUAL D/GB/E/F/I	SAFETY SERVICE MANUAL D/GB/E/F/I
				X = SIEHE GESONDERTE E-LISTE	X = SEE SEPARATE PARTS LIST

Es gelten die Vorschriften und Sicherheitshinweise gemäß dem Service Manual "Sicherheit", Mat.-Nummer 720108000001, sowie zusätzlich die eventuell abweichenden, landesspezifischen Vorschriften!



The regulations and safety instructions shall be valid as provided by the "Safety" Service Manual, part number 720108000001, as well as the respective national deviations.

ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION



Ersatzteilliste  
Spare Parts ListNUR FÜR INTERNEN GEBRAUCH  
FOR INTERNAL USE ONLY

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32 VLC 6121 C

BESTELL-NR. / ORDER NO.: GBJ4432 (JYC)

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		GBJ4432		32 VLC 6121 C PRODUKTCODE JYC KEIN E-TEIL	32 VLC 6121 C PRODUCT CODE JYC NO SPARE PART
				<b>Hinweis:</b> Sollte in dieser Ersatzteilliste Ihr "Product Code" oder Ihre Display-Variante nicht aufgeführt sein, finden Sie eine aktualisierte Version auf dem GRUNDIG Service-Portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .	<b>Note:</b> If your "Product Code" or display variant is not mentioned in the spare parts list, please look for a current version at the GRUNDIG service portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .
0001.000		759551559400		GEH.- VORDERTEIL SCHWARZ	FRONT CABINET BLACK
0002.000		759551608300		RUECKWAND SCHWARZ	BACK COVER BLACK
0005.000		759551589900		STAND FUSS SCHWARZ	STAND FOOT BLACK
0007.000		759551496800		KNOPF BEDIENUNG SCHWARZ	KNOB CONTROL BLACK
0015.000		759551401200		LAUTSPRECHER 10/15W 8 OHM	LOUDSPEAKER 10/15W 8 OHM
0019.000		759551496500		KABEL DISPLAY-LVDS 400MM	CABLE DISPLAY-LVDS 400MM
0020.000	△	759551563100		LCD-DISPLAY SS LTA320HA02 -S06	LCD-DISPLAY SS LTA320HA02 -S06
0021.000	△	759551600300		INVERTERKABEL 400 MM	INVERTER CABLE 400 MM
0022.000	△	759551574500		NETZKABEL 160 CM	CORD POWER 160 CM
0023.000	△	275990312400		LP-NETZTEILMODUL 223W TV PSU	POWER BOARD 223W TV PSU
0024.000	△	759550976400		NETZSCHALTER OHNE HALTER	POWER SWITCH WITHOUT HOLDER
0025.000	△	275991146700	X	LP-CHASSISMODUL TF (JYC)	CHASSIS BOARD TF (JYC)
0027.000		720117144800		FERNBEDIENUNG TP3	REMOTE CONTROL TP3
0028.000		720117145300		FERNBEDIENUNG TP EASY SCHWARZ	REMOTE CONTROL TP EASY BLACK
0030.000		759551558000		TASTSCHALTER	KEY SWITCH
0032.000		759551544900		IR-EMPFAENGER TSOP35436TT	IR-RECEIVER TSOP35436TT
0033.000		759551549100		LED-SMD 1206 BLAU 250MCD 3.3V	LED-SMD 1206 BLUE 250MCD 3.3V
0090.000		759551559700		KARTON OBERTEIL VLC	CARTON TOP VLC
0091.000		759551559800		KARTON UNTERTEIL VLC	CARTON BOTTOM VLC
0092.000		759551560200		POLSTER OBEN	CUSHION TOP
0093.000		759551560100		POLSTER OBEN RECHTS	CUSHION TOP RIGHT
0094.000		759551559900		POLSTER BODEN LINKS	CUSHION BOTTOM LEFT
0095.000		759551560000		POLSTER BODEN RECHTS	CUSHION BOTTOM RIGHT
				DIE BEDIENUNGSANLEITUNG KOENNEN SIE IM INTERNET UNTER FOLGENDER ADRESSE ABRUFEN: WWW.GRUNDIG.DE MENU: DOWNLOADS	THE INSTRUCTION MANUAL CAN BE DOWNLOADED FROM THE INTERNET UNDER THE FOLLOWING ADDRESS: WWW.GRUNDIG.DE MENU: DOWNLOADS
		720100557000 720108000001		SERVICE MANUAL D/GB SICHERHEITSMANUAL D/GB/E/F/I	SERVICE MANUAL D/GB SAFETY SERVICE MANUAL D/GB/E/F/I
				X = SIEHE GESONDERTE E-LISTE	X = SEE SEPARATE PARTS LIST

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ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

Ersatzteilliste  
Spare Parts ListNUR FÜR INTERNEN GEBRAUCH  
FOR INTERNAL USE ONLY

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32 VLC 6123 T2

BESTELL-NR. / ORDER NO.: GBJ4932 (KCC)

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		GBJ4932		32 VLC 6123 T2 PRODUKTCODE KCC KEIN E-TEIL	32 VLC 6123 T2 PRODUCT CODE KCC NO SPARE PART
				<b>Hinweis:</b> Sollte in dieser Ersatzteilliste Ihr "Product Code" oder Ihre Display-Variante nicht aufgeführt sein, finden Sie eine aktualisierte Version auf dem GRUNDIG Service-Portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .	<b>Note:</b> If your "Product Code" or display variant is not mentioned in the spare parts list, please look for a current version at the GRUNDIG service portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .
0001.000		759551512500		GEH.-VORDERTEIL SCHWARZ	FRONT CABINET BLACK
0002.000		759551620900		RUECKWAND SCHWARZ	BACK COVER BLACK
0003.000		759551588400		GEHAEUSELEISTE SILBER	COVER BAND SILVER
0005.000		759551603100		STANDFUSS SCHWARZ	STAND FOOT BLACK
0007.000		759551496800		KNOPF BEDIENUNG SCHWARZ	KNOB CONTROL BLACK
0015.000		759551437700		LAUTSPRECHER 8 OHM 15/22.5W	LOUDSPEAKER 8 OHM 15/22.5W
0019.000		759551525500		KABEL DISPLAY-LVDS 410MM	CABLE DISPLAY -LVDS 410MM
0020.000	△	759551565700		LCD-DISPLAY LC320WUN-SCB1	LCD-DISPLAY LC320WUN-SCB1
0021.000	△	759551599700		INVERTERKABEL 300 MM	INVERTER CABLE 300 MM
0022.000	△	759551343100		NETZKABEL 180CM	POWER CABLE 180CM
0023.000	△	275990312400		LP-NETZTEILMODUL 223W TV PSU	POWER BOARD 223W TV PSU
0025.000	△	275991149600	X	LP-CHASSISMODUL TF (KCC)	CHASSIS BOARD TF (KCC)
0027.000		720117144800		FERNBEDIENUNG TP3	REMOTE CONTROL TP3
0028.000		720117145300		FERNBEDIENUNG TP EASY SCHWARZ	REMOTE CONTROL TP EASY BLACK
0029.000		275990230500		LP-BEDIENMODUL TT 26T8 CB8	CONTROL BOARD TT 26T8 CB8
0030.000		759551057800		TASTSCHALTER	KEY SWITCH
0032.000		759551504200		IR-EMPFAENGER TSOP38438	IR-RECEIVER TSOP38438
0033.000		759551541500		LED BLAU 5MM 3,5 V	LED BLUE 5MM 3,5 V
0090.000		759551517400		KARTON 32"	CARTON 32"
0091.000		759551517500		POLSTER OBEN	CUSHION TOP
0092.000		759551517600		POLSTER UNTEN	CUSHION BOTTOM
				DIE BEDIENUNGSANLEITUNG KOENNEN SIE IM INTERNET UNTER FOLGENDER ADRESSE ABRUFEN: WWW.GRUNDIG.DE MENU: DOWNLOADS	THE INSTRUCTION MANUAL CAN BE DOWNLOADED FROM THE INTERNET UNDER THE FOLLOWING ADDRESS: WWW.GRUNDIG.DE MENU: DOWNLOADS
		720100557000 720108000001		SERVICE MANUAL D/GB SICHERHEITSMANUAL D/GB/E/F/I	SERVICE MANUAL D/GB SAFETY SERVICE MANUAL D/GB/E/F/I
				X = SIEHE GESONDERTE E-LISTE	X = SEE SEPARATE PARTS LIST

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ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

Ersatzteilliste  
Spare Parts ListNUR FÜR INTERNEN GEBRAUCH  
FOR INTERNAL USE ONLY

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32 VLC 7110 C

BESTELL-NR. / ORDER NO.: GBJ5532 (JZC)

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		GBJ5532		32 VLC 7110 C PRODUKTCODE JZC KEIN E-TEIL	32 VLC 7110 C PRODUCT CODE JZC NO SPARE PART
				<b>Hinweis:</b> Sollte in dieser Ersatzteilliste Ihr "Product Code" oder Ihre Display-Variante nicht aufgeführt sein, finden Sie eine aktualisierte Version auf dem GRUNDIG Service-Portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .	<b>Note:</b> If your "Product Code" or display variant is not mentioned in the spare parts list, please look for a current version at the GRUNDIG service portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .
0001.000		759551563700		GEH.- VORDERTEIL SCHWARZ	FRONT CABINET BLACK
0002.000		759551608300		RUECKWAND SCHWARZ	BACK COVER BLACK
0005.000		759551589900		STAND FUSS SCHWARZ	STAND FOOT BLACK
0007.000		759551496800		KNOPF BEDIENUNG SCHWARZ	KNOB CONTROL BLACK
0015.000		759551401200		LAUTSPRECHER 10/15W 8 OHM 150X	LOUDSPEAKER 10/15W 8 OHM 150X4
0018.000		759551505200		KABEL DISPLAY-LVDS 300MM	CABLE DISPLAY-LVDS 300MM
0019.000		759551491700		KABEL DISPLAY-LVDS 350MM	CABLE DISPLAY-LVDS 350MM
0020.000	△	759551559100		LCD-DISPLAY LGD LC320WUD-SCB1	LCD-DISPLAY LGD LC320WUD-SCB1
0021.000		759551599700		INVERTERKABEL 300 MM	INVERTERCABLE 300 MM
0022.000	△	759551574500		NETZKABEL 160 CM	CORD POWER 160 CM
0023.000	△	275990308100		LP-NETZTEILMODUL 24/8 FSP223-3	POWER SUPPLY BOARD 24/8 FSP22
0024.000	△	759550976400		NETZSCHALTER OHNE HALTER	POWER SWITCH WITHOUT HOLDER
0025.000	△	275991142500	X	LP-CHASSISMODUL TF (JZC)	CHASSIS BOARD TF (JZC)
0027.000		720117144800		FERNBEDIENUNG TP3	REMOTE CONTROL TP3
0028.000		720117145300		FERNBEDIENUNG TP EASY SCHWARZ	REMOTE CONTROL TP EASY BLACK
0030.000		759551558000		TASTSCHALTER	KEY SWITCH
0032.000		759551544900		IR-EMPFAENGER TSOP35436TT	IR-RECEIVER TSOP35436TT
0033.000		759551549100		LED-SMD 1206 BLAU 250MCD 3.3V	LED-SMD 1206 BLUE 250MCD 3.3V
0039.000	△	759551608400		FRC-MODUL (VPZ)	FRC-BOARD (VPZ)
0090.000		759551559700		KARTON OBERTEIL VLC	CARTON TOP VLC
0091.000		759551559800		KARTON UNTERTEIL VLC	CARTON BOTTOM VLC
0092.000		759551560200		POLSTER OBEN	CUSHION TOP
0093.000		759551560100		POLSTER OBEN RECHTS	CUSHION TOP RIGHT
0094.000		759551559900		POLSTER BODEN LINKS	CUSHION BOTTOM LEFT
0095.000		759551560000		POLSTER BODEN RECHTS	CUSHION BOTTOM RIGHT
				DIE BEDIENUNGSANLEITUNG KOENNEN SIE IM INTERNET UNTER FOLGENDER ADRESSE ABRUFEN: WWW.GRUNDIG.DE MENU: DOWNLOADS	THE INSTRUCTION MANUAL CAN BE DOWNLOADED FROM THE INTERNET UNDER THE FOLLOWING ADDRESS: WWW.GRUNDIG.DE MENU: DOWNLOADS
		720100557000 720108000001		SERVICE MANUAL D/GB SICHERHEITSMANUAL D/GB/E/F/I	SERVICE MANUAL D/GB SAFETY SERVICE MANUAL D/GB/E/F/I
				X = SIEHE GESONDERTE E-LISTE	X = SEE SEPARATE PARTS LIST

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ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

Ersatzteilliste  
Spare Parts ListNUR FÜR INTERNEN GEBRAUCH  
FOR INTERNAL USE ONLY

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32 VLE 4140 C

BESTELL-NR. / ORDER NO.: GBJ2932 (JZZ)

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		GBJ2932		32 VLE 4140 C PRODUKTCODE JZZ KEIN E-TEIL	32 VLE 4140 C PRODUCT CODE JZZ NO SPARE PART
				<b>Hinweis:</b> Sollte in dieser Ersatzteilliste Ihr "Product Code" oder Ihre Display-Variante nicht aufgeführt sein, finden Sie eine aktualisierte Version auf dem GRUNDIG Service-Portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .	<b>Note:</b> If your "Product Code" or display variant is not mentioned in the spare parts list, please look for a current version at the GRUNDIG service portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .
0001.000		759551544300		GEH.- VORDERTEIL SCHWARZ	FRONT CABINET BLACK
0002.000		759551616900		RUECKWAND SCHWARZ	BACK COVER BLACK
0005.000		759551544500		STANDFUSS SCHWARZ	STAND FOOT BLACK
0007.000		759551544600		KNOPF PROG./VOL./STD-BY SCHWARZ	KNOB PROG./VOL./STD-BY SCHWARZ
0015.000		759551617000		LAUTSPRECHER 8 OHM 10/15 W 40X	SPEAKER8 OHM 10/15 W 40X152
0019.000		759551548100		KABEL DISPLAY-LVDS 400MM*1	CABLE DISPLAY-LVDS 400MM*1
0019.000		759551460800		KABEL DISPLAY-LVDS 400MM*2	CABLE DISPLAY-LVDS 400MM*2
0020.000	△	759551617500		LCD-DISPLAY LTA320AN01-001*1	LCD-DISPLAY LTA320AN01-001*1
0020.000	△	759551617100		LCD-DISPLAY LC320EXN-SDA1*2	LCD-DISPLAY LC320EXN-SDA1*2
0021.000		759551599600		INVERTERKABEL 400 MM*1	INVERTERCABLE 400 MM*1
0021.000		759551611500		INVERTERKABEL 230 MM*2	INVERTERCABLE 230 MM*2
0022.000	△	759551343100		NETZKABEL 180CM	POWER CABLE 180CM
0023.000	△	275990312700		LP-NETZTEILMODUL 145W 2011 SLI	POWER BOARD 145W 2011 SLIM TV
0025.000	△	275991147000	X	LP-CHASSISMODUL TF (KLT)*1	CHASSIS BOARD TF (KLT)*1
0025.000	△	275991146900	X	LP-CHASSISMODUL TF (JZZ)*2	CHASSIS BOARD TF (JZZ)*2
0027.000		720117144800		FERNBEDIENUNG TP3	REMOTE CONTROL TP3
0028.000		720117145300		FERNBEDIENUNG TP EASY SCHWARZ	REMOTE CONTROL TP EASY BLACK
0030.000		759551057800		TASTSCHALTER	KEY SWITCH
0032.000		759551544900		IR-EMPFAENGER TSOP35436TT	IR-RECEIVER TSOP35436TT
0033.000		759551549100		LED-SMD 1206 BLAU 250MCD 3.3V	LED-SMD 1206 BLUE 250MCD 3.3V
0090.000		759551545500		KARTON LED 40"	CARTON LED 40"
0091.000		759551545100		POLSTER OBEN LINKS	CUSHION TOP LEFT
0092.000		759551545200		POLSTER OBEN RECHTS	CUSHION TOP RIGHT
0093.000		759551545300		POLSTER UNTEN LINKS	CUSHION BOTTOM LEFT
0094.000		759551545400		POLSTER UNTEN RECHTS	CUSHION BOTTOM RIGHT
0095.000		759551562800		POLSTER MITTELSTUECK	CUSHION MIDDLE
0096.000		759551565200		POLSTER MITTELSTUECK	CUSHION MIDDLEPART
				DIE BEDIENUNGSANLEITUNG KOENNEN SIE IM INTERNET UNTER FOLGENDER ADRESSE ABRUFEN: WWW.GRUNDIG.DE MENU: DOWNLOADS	THE INSTRUCTION MANUAL CAN BE DOWNLOADED FROM THE INTERNET UNDER THE FOLLOWING ADDRESS: WWW.GRUNDIG.DE MENU: DOWNLOADS
		720100557000 720108000001		SERVICE MANUAL D/GB SICHERHEITSMANUAL D/GB/E/F/I	SERVICE MANUAL D/GB SAFETY SERVICE MANUAL D/GB/E/F/I
				X = SIEHE GESONDERTE E-LISTE	X = SEE SEPARATE PARTS LIST

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ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

Ersatzteilliste  
Spare Parts ListNUR FÜR INTERNEN GEBRAUCH  
FOR INTERNAL USE ONLY

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32 VLE 7130 BM

BESTELL-NR. / ORDER NO.: GBJ7632 (JZH)

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		GBJ7632		32 VLE 7130 BM PRODUKT CODE <b>JZH</b> KEIN E-TEIL	32 VLE 7130 BM PRODUCT CODE <b>JZH</b> NO SPARE PART
				<b>Hinweis:</b> Sollte in dieser Ersatzteilliste Ihr "Product Code" oder Ihre Display-Variante nicht aufgeführt sein, finden Sie eine aktualisierte Version auf dem GRUNDIG Service-Portal " <a href="http://service.grundig.de">http://service.grundig.de</a> ".	<b>Note:</b> If your "Product Code" or display variant is not mentioned in the spare parts list, please look for a current version at the GRUNDIG service portal " <a href="http://service.grundig.de">http://service.grundig.de</a> ".
0001.000		759551618600		GEH.- VORDERTEIL SCHWARZ	FRONT CABINET BLACK
0002.000		759551618700		RUECKWAND SCHWARZ	BACK COVER BLACK
0005.000		759551614000		STANDFUSS SCHWARZ	STAND FOOT BLACK
0007.000		759551544600		KNOPF PROG./VOL./STD-BY SCHWARZ	KNOB PROG./VOL./STD-BY SCHWARZ
0015.000		759551614100		LAUTSPRECHER 8 OHM 10/13,5 W 3	SPEAKER 8 OHM 10/13,5 W 30X193
0018.000		759551618800		KABEL LVDS 51 P 250MM	CABLE LVDS 51 P 250MM
0019.000		759551618900		KABEL LVDS 41 P 250MM	CABLE LVDS 41 P 250MM
0020.000	△	759551619000		LCD-DISPLAY SS LTA320HJ02-003	LCD-DISPLAY SS LTA320HJ02-003
0021.000	△	759551599600		INVERTERKABEL 400 MM	INVERTER CABLE 400 MM
0022.000	△	759551343100		NETZKABEL 180CM	POWER CABLE 180CM
0023.000	△	275990312700		LP-NETZTEILMODUL 145W 2011 SLI	POWER BOARD 145W 2011 SLIM TV
0025.000	△	275991148600	X	LP-CHASSISMODUL TF (JZH)	CHASSIS BOARD TF (JZH)
0027.000		720117144800		FERNBEDIENUNG TP3	REMOTE CONTROL TP3
0028.000		720117145300		FERNBEDIENUNG TP EASY SCHWARZ	REMOTE CONTROL TP EASY BLACK
0030.000		759551057800		TASTSCHALTER	KEY SWITCH
0032.000		759551544900		IR-EMPFÄNGER TSOP35436TT	IR-RECEIVER TSOP35436TT
0033.000		759551549100		LED-SMD 1206 BLAU 250MCD 3.3V	LED-SMD 1206 BLUE 250MCD 3.3V
0036.000	△	759551608400		FRC-MODUL (VPZ)	FRC-BOARD (VPZ)
0090.000		759551614200		KARTON 32" LED OBERTEIL	CARTON 32" LED TOP
0091.000		759551614300		KARTON 32" LED UNTERTEIL	CARTON 32" LED BOTTOM
0092.000		759551614400		POLSTER OBEN LINKS	CUSHION TOP LEFT
0093.000		759551614500		POLSTER OBEN RECHTS	CUSHION TOP RIGHT
0094.000		759551614600		POLSTER OBEN MITTE	CUSHION TOP MIDDLEPART
0095.000		759551614700		POLSTER UNTEN LINKS	CUSHION BOTTOM LEFT
0096.000		759551614800		POLSTER UNTEN RECHTS	CUSHION BOTTOM RIGHT
0097.000		759551614900		POLSTER UNTEN MITTE	CUSHION BOTTOM MIDDLEPART
				DIE BEDIENUNGSANLEITUNG KOENNEN SIE IM INTERNET UNTER FOLGENDER ADRESSE ABRUFEN: WWW.GRUNDIG.DE MENU: DOWNLOADS	THE INSTRUCTION MANUAL CAN BE DOWNLOADED FROM THE INTERNET UNDER THE FOLLOWING ADDRESS: WWW.GRUNDIG.DE MENU: DOWNLOADS
		720100557000		SERVICE MANUAL D/GB	SERVICE MANUAL D/GB
		720108000001		SICHERHEITSMANUAL D/GB/E/F/I	SAFETY SERVICE MANUAL D/GB/E/F/I
				X = SIEHE GESONDERTE E-LISTE	X = SEE SEPARATE PARTS LIST

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ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

Ersatzteilliste  
Spare Parts ListNUR FÜR INTERNEN GEBRAUCH  
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32 VLE 7131 BF

BESTELL-NR. / ORDER NO.: GBJ7532 (KCN)

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		GBJ7532		32 VLE 7131 BF PRODUKT CODE <b>KCN</b> KEIN E-TEIL	32 VLE 7131 BF PRODUCT CODE <b>KCN</b> NO SPARE PART
				<b>Hinweis:</b> Sollte in dieser Ersatzteilliste Ihr "Product Code" oder Ihre Display-Variante nicht aufgeführt sein, finden Sie eine aktualisierte Version auf dem GRUNDIG Service-Portal " <a href="http://service.grundig.de">http://service.grundig.de</a> ".	<b>Note:</b> If your "Product Code" or display variant is not mentioned in the spare parts list, please look for a current version at the GRUNDIG service portal " <a href="http://service.grundig.de">http://service.grundig.de</a> ".
0001.000		759551613800		GEH.- VORDERTEIL SCHWARZ*1	FRONT CABINET BLACK*1
0001.000		759551618600		GEH.- VORDERTEIL SCHWARZ*2	FRONT CABINET BLACK*2
0002.000		759551618700		RUECKWAND SCHWARZ	BACK COVER BLACK
0005.000		759551614000		STANDFUSS SCHWARZ	STAND FOOT BLACK
0007.000		759551544600		KNOPF PROG./VOL./STD-BY SCHWARZ	KNOB PROG./VOL./STD-BY SCHWARZ
0015.000		759551614100		LAUTSPRECHER 8 OHM 10/13,5 W 3	SPEAKER 8 OHM 10/13,5 W 30X193
0018.000		759551491700		KABEL DISPLAY-LVDS 350MM*1	CABLE DISPLAY-LVDS 350MM*1
0018.000		759551618800		KABEL LVDS 51 P 250MM*2	CABLE LVDS 51 P 250MM*2
0019.000		759551505200		KABEL DISPLAY-LVDS 300MM*1	CABLE DISPLAY-LVDS 300MM*1
0019.000		759551618900		KABEL LVDS 41 P 250MM*2	CABLE LVDS 41 P 250MM*2
0020.000	△	759551611400		LCD-DISPLAY LC320EUD-SDA2*1	LCD-DISPLAY LC320EUD-SDA2*1
0020.000	△	759551619000		LCD-DISPLAY LTA320HJ02-003*2	LCD-DISPLAY LTA320HJ02-003*2
0021.000	△	759551611500		INVERTERKABEL 230 MM*1	INVERTER CABLE 230 MM*1
0021.000	△	759551599600		INVERTERKABEL 400 MM*2	INVERTER CABLE 400 MM*2
0022.000	△	759551343100		NETZKABEL 180CM	POWER CABLE 180CM
0023.000	△	275990312700		LP-NETZTEILMODUL 145W 2011 SLI	POWER BOARD 145W 2011 SLIM TV
0025.000	△	275991149900	X	LP-CHASSISMODUL TF (KCN)*1	CHASSIS BOARD TF (KCN)*1
0025.000	△	275991149700	X	LP-CHASSISMODUL TF (97P)*2	CHASSIS BOARD TF (97P)*2
0027.000		720117144800		FERNBEDIENUNG TP3	REMOTE CONTROL TP3
0028.000		720117145300		FERNBEDIENUNG TP EASY SCHWARZ	REMOTE CONTROL TP EASY BLACK
0030.000		759551057800		TASTSCHALTER	KEY SWITCH
0032.000		759551544900		IR-EMPFÄNGER TSOP35436TT	IR-RECEIVER TSOP35436TT
0033.000		759551549100		LED-SMD 1206 BLAU 250MCD 3.3V	LED-SMD 1206 BLUE 250MCD 3.3V
0036.000	△	759551608400		FRC-MODUL (VPZ)	FRC-BOARD (VPZ)
0090.000		759551614200		KARTON 32" LED OBERTEIL	CARTON 32" LED TOP
0091.000		759551614300		KARTON 32" LED UNTERTEIL	CARTON 32" LED BOTTOM
0092.000		759551614400		POLSTER OBEN LINKS	CUSHION TOP LEFT
0093.000		759551614500		POLSTER OBEN RECHTS	CUSHION TOP RIGHT
0094.000		759551614600		POLSTER OBEN MITTE	CUSHION TOP MIDDLEPART
0095.000		759551614700		POLSTER UNTEN LINKS	CUSHION BOTTOM LEFT
0096.000		759551614800		POLSTER UNTEN RECHTS	CUSHION BOTTOM RIGHT
0097.000		759551614900		POLSTER UNTEN MITTE	CUSHION BOTTOM MIDDLEPART
				DIE BEDIENUNGSANLEITUNG KOENNEN SIE IM INTERNET UNTER FOLGENDER ADRESSE ABRUFEN: WWW.GRUNDIG.DE MENU: DOWNLOADS	THE INSTRUCTION MANUAL CAN BE DOWNLOADED FROM THE INTERNET UNDER THE FOLLOWING ADDRESS: WWW.GRUNDIG.DE MENU: DOWNLOADS
		720100557000		SERVICE MANUAL D/GB	SERVICE MANUAL D/GB
		720108000001		SICHERHEITSMANUAL D/GB/E/F/I	SAFETY SERVICE MANUAL D/GB/E/F/I
				X = SIEHE GESONDERTE E-LISTE	X = SEE SEPARATE PARTS LIST

Es gelten die Vorschriften und Sicherheitshinweise gemäß dem Service Manual "Sicherheit", Mat.-Nummer 720108000001, sowie zusätzlich die eventuell abweichenden, landesspezifischen Vorschriften!



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ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

Ersatzteilliste  
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37 GLX 3103 T2

BESTELL-NR. / ORDER NO.: GBJ5137 (KMC)

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		GBJ5137		37 GLX 3103 T2 PRODUKTCODE <b>KMC</b> KEIN E-TEIL	37 GLX 3103 T2 PRODUCT CODE <b>KMC</b> NO SPARE PART
				<b>Hinweis:</b> Sollte in dieser Ersatzteilliste Ihr "Product Code" oder Ihre Display-Variante nicht aufgeführt sein, finden Sie eine aktualisierte Version auf dem GRUNDIG Service-Portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .	<b>Note:</b> If your "Product Code" or display variant is not mentioned in the spare parts list, please look for a current version at the GRUNDIG service portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .
0001.000		759551565900		GEH.- VORDERTEIL SCHWARZ	FRONT CABINET BLACK
0002.000		759551621100		RUECKWAND SCHWARZ	BACK COVER BLACK
0005.000		759551539800		STANDFUSS SCHWARZ	STAND FOOT BLACK
0006.000		759551572700		STAND FUSS ZWISCHENSTUECK	STAND FOOT MIDDLEPART
0007.000		759551496800		KNOPF BEDIENUNG SCHWARZ	KNOB CONTROL BLACK
0015.000		759551401200		LAUTSPRECHER 10/15W 8 OHM	LOUDSPEAKER 10/15W 8 OHM
0016.000		759550975700		HOCHTONLAUTSPRECHER 10 OHM / 1	TWEETER 10 OHM / 10 W
0019.000		759551511900		KABEL DISPLAY-LVDS 450MM	KABEL DISPLAY-LVDS 450MM
0020.000	△	759551546100		LCD-DISPLAY LC370WUN-SCC1	LCD-DISPLAY LC370WUN-SCC1
0021.000		759551600300		INVERTERKABEL 400 MM	INVERTER CABLE 400 MM
0022.000	△	759551350200		NETZKABEL 150 CM	POWER CABLE 150 CM
0023.000	△	275990312400		LP-NETZTEILMODUL 223W TV PSU	POWER BOARD 223W TV PSU
0025.000	△	275991150100	X	LP-CHASSISMODUL TF (KMC)	CHASSIS BOARD TF (KMC)
0027.000		720117144800		FERNBEDIENUNG TP3	REMOTE CONTROL TP3
0028.000		720117145300		FERNBEDIENUNG TP EASY SCHWARZ	REMOTE CONTROL TP EASY BLACK
0030.000		759551558000		TASTSCHALTER	KEY SWITCH
0032.000		759551544900		IR-EMPFÄNGER TSOP35436TT	IR-RECEIVER TSOP35436TT
0033.000		759551549100		LED-SMD 1206 BLAU 250MCD 3.3V	LED-SMD 1206 BLUE 250MCD 3.3V
0090.000		759551563400		KARTON 37" VLC	CARTON 37" VLC
0091.000		759551573300		KARTON UNTERTEIL VLC	CARTON BOTTOM VLC
0092.000		759551563500		POLSTER OBEN	CUSHION TOP
0093.000		759551563600		POLSTER UNTEN LINKS/RECHTS	CUSHION BOTTOM LEFT/RIGHT
				DIE BEDIENUNGSANLEITUNG KOENNEN SIE IM INTERNET UNTER FOLGENDER ADRESSE ABRUFEN: WWW.GRUNDIG.DE MENU: DOWNLOADS	THE INSTRUCTION MANUAL CAN BE DOWNLOADED FROM THE INTERNET UNDER THE FOLLOWING ADDRESS: WWW.GRUNDIG.DE MENU: DOWNLOADS
		720100557000 720108000001		SERVICE MANUAL D/GB SICHERHEITSMANUAL D/GB/E/F/I	SERVICE MANUAL D/GB SAFETY SERVICE MANUAL D/GB/E/F/I
				X = SIEHE GESONDERTE E-LISTE	X = SEE SEPARATE PARTS LIST

Ersatzteilliste  
Spare Parts ListNUR FÜR INTERNEN GEBRAUCH  
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37 VLC 6110 C

BESTELL-NR. / ORDER NO.: GBJ4337 (JZE)

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		GBJ4337		37 VLC 6110 C PRODUKTCODE <b>JZE</b> KEIN E-TEIL	37 VLC 6110 C PRODUCT CODE <b>JZE</b> NO SPARE PART
				<b>Hinweis:</b> Sollte in dieser Ersatzteilliste Ihr "Product Code" oder Ihre Display-Variante nicht aufgeführt sein, finden Sie eine aktualisierte Version auf dem GRUNDIG Service-Portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .	<b>Note:</b> If your "Product Code" or display variant is not mentioned in the spare parts list, please look for a current version at the GRUNDIG service portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .
0001.000		759551565900		GEH.- VORDERTEIL SCHWARZ	FRONT CABINET BLACK
0002.000		759551616700		RUECKWAND SCHWARZ	BACK COVER BLACK
0005.000		759551539800		STANDFUSS SCHWARZ	STAND FOOT BLACK
0006.000		759551572700		STAND FUSS ZWISCHENSTUECK	STAND FOOT MIDDLEPART
0007.000		759551496800		KNOPF BEDIENUNG SCHWARZ	KNOB CONTROL BLACK
0015.000		759551401200		LAUTSPRECHER 10/15W 8 OHM	LOUDSPEAKER 10/15W 8 OHM
0019.000		759551511900		KABEL DISPLAY-LVDS 450MM	KABEL DISPLAY-LVDS 450MM
0020.000	△	759551546100		LCD-DISPLAY LC370WUN-SCC1	LCD-DISPLAY LC370WUN-SCC1
0021.000		759551600300		INVERTERKABEL 400 MM	INVERTER CABLE 400 MM
0022.000	△	759551350200		NETZKABEL 150 CM	POWER CABLE 150 CM
0023.000	△	275990308100		LP-NETZTEILMODUL 24/8 FSP223-3	POWER SUPPLY BOARD 24/8 FSP22
0024.000	△	759550976400		NETZSCHALTER OHNE HALTER	POWER SWITCH WITHOUT HOLDER
0025.000	△	275991146600	X	LP-CHASSISMODUL TF (JZE)	CHASSIS BOARD TF (JZE)
0027.000		720117144800		FERNBEDIENUNG TP3	REMOTE CONTROL TP3
0028.000		720117145300		FERNBEDIENUNG TP EASY SCHWARZ	REMOTE CONTROL TP EASY BLACK
0030.000		759551558000		TASTSCHALTER	KEY SWITCH
0032.000		759551544900		IR-EMPFÄNGER TSOP35436TT	IR-RECEIVER TSOP35436TT
0033.000		759551549100		LED-SMD 1206 BLAU 250MCD 3.3V	LED-SMD 1206 BLUE 250MCD 3.3V
0090.000		759551563400		KARTON 37" VLC	CARTON 37" VLC
0091.000		759551573300		KARTON UNTERTEIL VLC	CARTON BOTTOM VLC
0092.000		759551563500		POLSTER OBEN	CUSHION TOP
0093.000		759551563600		POLSTER UNTEN LINKS/RECHTS	CUSHION BOTTOM LEFT/RIGHT
				DIE BEDIENUNGSANLEITUNG KOENNEN SIE IM INTERNET UNTER FOLGENDER ADRESSE ABRUFEN: WWW.GRUNDIG.DE MENU: DOWNLOADS	THE INSTRUCTION MANUAL CAN BE DOWNLOADED FROM THE INTERNET UNDER THE FOLLOWING ADDRESS: WWW.GRUNDIG.DE MENU: DOWNLOADS
		720100557000 720108000001		SERVICE MANUAL D/GB SICHERHEITSMANUAL D/GB/E/F/I	SERVICE MANUAL D/GB SAFETY SERVICE MANUAL D/GB/E/F/I
				X = SIEHE GESONDERTE E-LISTE	X = SEE SEPARATE PARTS LIST

Es gelten die Vorschriften und Sicherheitshinweise gemäß dem Service Manual "Sicherheit", Mat.-Nummer 720108000001, sowie zusätzlich die eventuell abweichenden, landesspezifischen Vorschriften!



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ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

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ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

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37 VLC 6121 C

BESTELL-NR. / ORDER NO.: GBJ4237 (JYD)

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		GBJ4237		37 VLC 6121 C PRODUKTCODE JYD KEIN E-TEIL	37 VLC 6121 C PRODUCT CODE JYD NO SPARE PART
				<b>Hinweis:</b> Sollte in dieser Ersatzteilliste Ihr "Product Code" oder Ihre Display-Variante nicht aufgeführt sein, finden Sie eine aktualisierte Version auf dem GRUNDIG Service-Portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .	<b>Note:</b> If your "Product Code" or display variant is not mentioned in the spare parts list, please look for a current version at the GRUNDIG service portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .
0001.000		759551563200		GEH.- VORDERTEIL SCHWARZ/SILBE	FRONT CABINET BLACK/SILVER
0002.000		759551616700		RUECKWAND SCHWARZ	BACK COVER BLACK
0005.000		759551539800		STANDFUSS SCHWARZ	STAND FOOT BLACK
0006.000		759551572700		STAND FUSS ZWISCHENSTUECK	STAND FOOT MIDDLEPART
0007.000		759551496800		KNOPF BEDIENUNG SCHWARZ	KNOB CONTROL BLACK
0015.000		759551401200		LAUTSPRECHER 10/15W 8 OHM 150X	LOUDSPEAKER 10/15W 8 OHM 150X4
0016.000		759550975700		HOCHTONLAUTSPRECHER 10 OHM / 1	TWEETER 10 OHM / 10 W
0019.000		759551511900		KABEL DISPLAY-LVDS 450MM	KABEL DISPLAY-LVDS 450MM
0020.000	△	759551546100		LCD-DISPLAY LC370WUN-SCC1	LCD-DISPLAY LC370WUN-SCC1
0021.000		759551600300		INVERTERKABEL 400 MM	INVERTER CABLE 400 MM
0022.000	△	759551350200		NETZKABEL 150 CM	POWER CABLE 150 CM
0023.000	△	275990312400		LP-NETZTEILMODUL 223W TV PSU	POWER BOARD 223W TV PSU
0025.000	△	275991148100	X	LP-CHASSISMODUL TF (JYD)	CHASSIS BOARD TF (JYD)
0027.000		720117144800		FERNBEDIENUNG TP3	REMOTE CONTROL TP3
0028.000		720117145300		FERNBEDIENUNG TP EASY SCHWARZ	REMOTE CONTROL TP EASY BLACK
0030.000		759551558000		TASTSCHALTER	KEY SWITCH
0032.000		759551544900		IR-EMPFAENGER TSOP35436TT	IR-RECEIVER TSOP35436TT
0033.000		759551549100		LED-SMD 1206 BLAU 250MCD 3.3V	LED-SMD 1206 BLUE 250MCD 3.3V
0090.000		759551563400		KARTON 37" VLC	CARTON 37" VLC
0091.000		759551573300		KARTON UNTERTEIL VLC	CARTON BOTTOM VLC
0092.000		759551563500		POLSTER OBEN	CUSHION TOP
0093.000		759551563600		POLSTER UNTEN LINKS/RECHTS	CUSHION BOTTOM LEFT/RIGHT
				DIE BEDIENUNGSANLEITUNG KOENNEN SIE IM INTERNET UNTER FOLGENDER ADRESSE ABRUFEN: WWW.GRUNDIG.DE MENU: DOWNLOADS	THE INSTRUCTION MANUAL CAN BE DOWNLOADED FROM THE INTERNET UNDER THE FOLLOWING ADDRESS: WWW.GRUNDIG.DE MENU: DOWNLOADS
		720100557000		SERVICE MANUAL D/GB	SERVICE MANUAL D/GB
		720108000001		SICHERHEITSMANUAL D/GB/E/F/I	SAFETY SERVICE MANUAL D/GB/E/F/I
				X = SIEHE GESONDERTE E-LISTE	X = SEE SEPARATE PARTS LIST

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ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

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37 VLC 9142 C

BESTELL-NR. / ORDER NO.: GBJ9037 (JZV)

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		GBJ9037		37 VLC 9142 C PRODUKTCODE JZV KEIN E-TEIL	37 VLC 9142 C PRODUCT CODE JZV NO SPARE PART
				<b>Hinweis:</b> Sollte in dieser Ersatzteilliste Ihr "Product Code" oder Ihre Display-Variante nicht aufgeführt sein, finden Sie eine aktualisierte Version auf dem GRUNDIG Service-Portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .	<b>Note:</b> If your "Product Code" or display variant is not mentioned in the spare parts list, please look for a current version at the GRUNDIG service portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .
0001.000		759551566300		GEH.- VORDERTEIL SCHWARZ	FRONT CABINET BLACK
0002.000		759551620400		RUECKWAND SCHWARZ	BACK COVER BLACK
0005.000		759551539800		STANDFUSS SCHWARZ	STAND FOOT BLACK
0006.000		759551572700		STAND FUSS ZWISCHENSTUECK	STAND FOOT MIDDLEPART
0007.000		759551496800		KNOPF BEDIENUNG SCHWARZ	KNOB CONTROL BLACK
0015.000		759551401200		LAUTSPRECHER 10/15W 8 OHM	LOUDSPEAKER 10/15W 8 OHM
0016.000		759550975700		HOCHTONLAUTSPRECHER 10 OHM / 1	TWEETER 10 OHM / 10 W
0018.000		759551417200		KABEL LVDS 400MM	KABEL LVDS 400MM
0019.000		759551491700		KABEL DISPLAY-LVDS 350MM	CABLE DISPLAY-LVDS 350MM
0020.000	△	759551566500		LCD-DISPLAY LG LC370WUD-SCB1 T	LCD-DISPLAY LG LC370WUD-SCB1 T
0021.000		759551600300		INVERTERKABEL 400 MM	INVERTER CABLE 400 MM
0022.000	△	759551350200		NETZKABEL 150 CM	POWER CABLE 150 CM
0023.000	△	275990308100		LP-NETZTEILMODUL 24/8 FSP223-3	POWER SUPPLY BOARD 24/8 FSP22
0024.000	△	759550976400		NETZSCHALTER OHNE HALTER	POWER SWITCH WITHOUT HOLDER
0025.000	△	275991148900	X	LP-CHASSISMODUL TF (JYZ)	CHASSIS BOARD TF (JYZ)
0027.000		720117144800		FERNBEDIENUNG TP3	REMOTE CONTROL TP3
0028.000		720117145300		FERNBEDIENUNG TP EASY SCHWARZ	REMOTE CONTROL TP EASY BLACK
0030.000		759551558000		TASTSCHALTER	KEY SWITCH
0032.000		759551544900		IR-EMPFAENGER TSOP35436TT	IR-RECEIVER TSOP35436TT
0033.000		759551549100		LED-SMD 1206 BLAU 250MCD 3.3V	LED-SMD 1206 BLUE 250MCD 3.3V
0036.000	△	759551608400		FRC-MODUL (VPZ)	FRC-BOARD (VPZ)
0090.000		759551563400		KARTON 37" VLC	CARTON 37" VLC
0091.000		759551573300		KARTON UNTERTEIL VLC	CARTON BOTTOM VLC
0092.000		759551563500		POLSTER OBEN	CUSHION TOP
0093.000		759551563600		POLSTER UNTEN LINKS/RECHTS	CUSHION BOTTOM LEFT/RIGHT
				DIE BEDIENUNGSANLEITUNG KOENNEN SIE IM INTERNET UNTER FOLGENDER ADRESSE ABRUFEN: WWW.GRUNDIG.DE MENU: DOWNLOADS	THE INSTRUCTION MANUAL CAN BE DOWNLOADED FROM THE INTERNET UNDER THE FOLLOWING ADDRESS: WWW.GRUNDIG.DE MENU: DOWNLOADS
		720100557000		SERVICE MANUAL D/GB	SERVICE MANUAL D/GB
		720108000001		SICHERHEITSMANUAL D/GB/E/F/I	SAFETY SERVICE MANUAL D/GB/E/F/I
				X = SIEHE GESONDERTE E-LISTE	X = SEE SEPARATE PARTS LIST

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ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION



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40 VLE 7130 BM

BESTELL-NR. / ORDER NO.: GBJ0140 (JZJ)

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		GBJ0140		40 VLE 7130 BM PRODUKTCODE <b>JZJ</b> KEIN E-TEIL	40 VLE 7130 BM PRODUCT CODE <b>JZJ</b> NO SPARE PART
				<b>Hinweis:</b> Sollte in dieser Ersatzteilliste Ihr "Product Code" oder Ihre Display-Variante nicht aufgeführt sein, finden Sie eine aktualisierte Version auf dem GRUNDIG Service-Portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .	<b>Note:</b> If your "Product Code" or display variant is not mentioned in the spare parts list, please look for a current version at the GRUNDIG service portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .
0001.000		759551619100		GEH.- VORDERTEIL SCHWARZ	FRONT CABINET BLACK
0002.000		759551619200		RUECKWAND SCHWARZ	BACK COVER BLACK
0005.000		759551619300		STANDFUSS SCHWARZ GLAS	STAND FOOT BLACK GLAS
0007.000		759551544600		KNOPF PROG./VOL./STD-BY SCHWARZ	KNOB PROG./VOL./STD-BY SCHWARZ
0015.000		759551614100		LAUTSPRECHER 8 OHM 10/13,5 W 3	SPEAKER 8 OHM 10/13,5 W 30X193
0018.000		759551516900		LVDS-KABEL 51 PIN 40 LED PANEL	LVDS-CABLE 51 PIN 40 LED PANEL
0019.000		759551550100		LVDS-KABEL 41 PIN 40 LED PANEL	LVDS-CABLE 41 PIN 40 LED PANEL
0020.000	△	759551611600		LCD-DISPLAY SS LTA400HF24-C02	LCD-DISPLAY SS LTA400HF24-C02
0021.000	△	759551611500		INVERTERKABEL 230 MM	INVERTER CABLE 230 MM
0022.000	△	759551343100		NETZKABEL 180CM	POWER CABLE 180CM
0023.000	△	275990312800		LP-NETZTEILMODUL 175W 2011 SLI	POWER BOARD 175W 2011 SLIM TV
0025.000	△	275991148700	X	LP-CHASSISMODUL TF (JZJ)	CHASSIS BOARD TF (JZJ)
0027.000		720117144800		FERNBEDIENUNG TP3	REMOTE CONTROL TP3
0028.000		720117145300		FERNBEDIENUNG TP EASY SCHWARZ	REMOTE CONTROL TP EASY BLACK
0030.000		759551057800		TASTSCHALTER	KEY SWITCH
0032.000		759551544900		IR-EMPFÄNGER TSOP35436TT	IR-RECEIVER TSOP35436TT
0033.000		759551549100		LED-SMD 1206 BLAU 250MCD 3.3V	LED-SMD 1206 BLUE 250MCD 3.3V
0036.000	△	759551608400		FRC-MODUL (VPZ)	FRC-BOARD (VPZ)
0090.000		759551619400		KARTON 40" LED	CARTON 40" LED
0091.000		759551619500		POLSTER OBEN	CUSHION TOP
0092.000		759551619600		POLSTEN UNTEN	CUSHION BOTTOM
				DIE BEDIENUNGSANLEITUNG KOENNEN SIE IM INTERNET UNTER FOLGENDER ADRESSE ABRUFEN: WWW.GRUNDIG.DE MENU: DOWNLOADS	THE INSTRUCTION MANUAL CAN BE DOWNLOADED FROM THE INTERNET UNDER THE FOLLOWING ADDRESS: WWW.GRUNDIG.DE MENU: DOWNLOADS
		720100557000		SERVICE MANUAL D/GB	SERVICE MANUAL D/GB
		720108000001		SICHERHEITSMANUAL D/GB/E/F/I	SAFETY SERVICE MANUAL D/GB/E/F/I
				X = SIEHE GESONDERTE E-LISTE	X = SEE SEPARATE PARTS LIST

Ersatzteilliste  
Spare Parts ListNUR FÜR INTERNEN GEBRAUCH  
FOR INTERNAL USE ONLY

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40 VLE 7131 BF

BESTELL-NR. / ORDER NO.: GBJ7940 (KCX)

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		GBJ7940		40 VLE 7131 BF PRODUKTCODE <b>KCX</b> KEIN E-TEIL	40 VLE 7131 BF PRODUCT CODE <b>KCX</b> NO SPARE PART
				<b>Hinweis:</b> Sollte in dieser Ersatzteilliste Ihr "Product Code" oder Ihre Display-Variante nicht aufgeführt sein, finden Sie eine aktualisierte Version auf dem GRUNDIG Service-Portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .	<b>Note:</b> If your "Product Code" or display variant is not mentioned in the spare parts list, please look for a current version at the GRUNDIG service portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .
0001.000		759551619100		GEH.- VORDERTEIL SCHWARZ	FRONT CABINET BLACK
0002.000		759551619200		RUECKWAND SCHWARZ	BACK COVER BLACK
0005.000		759551619300		STANDFUSS SCHWARZ GLAS	STAND FOOT BLACK GLAS
0007.000		759551544600		KNOPF PROG./VOL./STD-BY SCHWARZ	KNOB PROG./VOL./STD-BY SCHWARZ
0015.000		759551614100		LAUTSPRECHER 8 OHM 10/13,5 W 3	SPEAKER 8 OHM 10/13,5 W 30X193
0018.000		759551516900		LVDS-KABEL 51 PIN 40 LED PANEL	LVDS-CABLE 51 PIN 40 LED PANEL
0019.000		759551550100		LVDS-KABEL 41 PIN 40 LED PANEL	LVDS-CABLE 41 PIN 40 LED PANEL
0020.000	△	759551611600		LCD-DISPLAY LTA400HF24-C02	LCD-DISPLAY LTA400HF24-C02
0021.000	△	759551611500		INVERTERKABEL 230 MM	INVERTER CABLE 230 MM
0022.000	△	759551343100		NETZKABEL 180CM	POWER CABLE 180CM
0023.000	△	275990312800		LP-NETZTEILMODUL 175W 2011 SLIM	POWER BOARD 175W 2011 SLIM TV
0025.000	△	275991150000	X	LP-CHASSISMODUL TF (KCX)	CHASSIS BOARD TF (KCX)
0027.000		720117144800		FERNBEDIENUNG TP3	REMOTE CONTROL TP3
0028.000		720117145300		FERNBEDIENUNG TP EASY SCHWARZ	REMOTE CONTROL TP EASY BLACK
0030.000		759551057800		TASTSCHALTER	KEY SWITCH
0032.000		759551544900		IR-EMPFÄNGER TSOP35436TT	IR-RECEIVER TSOP35436TT
0033.000		759551549100		LED-SMD 1206 BLAU 250MCD 3.3V	LED-SMD 1206 BLUE 250MCD 3.3V
0036.000	△	759551608400		FRC-MODUL (VPZ)	FRC-BOARD (VPZ)
0090.000		759551619400		KARTON 40" LED	CARTON 40" LED
0091.000		759551619500		POLSTER OBEN	CUSHION TOP
0092.000		759551619600		POLSTEN UNTEN	CUSHION BOTTOM
0093.000		759551621000			
				DIE BEDIENUNGSANLEITUNG KOENNEN SIE IM INTERNET UNTER FOLGENDER ADRESSE ABRUFEN: WWW.GRUNDIG.DE MENU: DOWNLOADS	THE INSTRUCTION MANUAL CAN BE DOWNLOADED FROM THE INTERNET UNDER THE FOLLOWING ADDRESS: WWW.GRUNDIG.DE MENU: DOWNLOADS
		720100557000		SERVICE MANUAL D/GB	SERVICE MANUAL D/GB
		720108000001		SICHERHEITSMANUAL D/GB/E/F/I	SAFETY SERVICE MANUAL D/GB/E/F/I
				X = SIEHE GESONDERTE E-LISTE	X = SEE SEPARATE PARTS LIST

Es gelten die Vorschriften und Sicherheitshinweise gemäß dem Service Manual "Sicherheit", Mat.-Nummer 720108000001, sowie zusätzlich die eventuell abweichenden, landesspezifischen Vorschriften!



The regulations and safety instructions shall be valid as provided by the "Safety" Service Manual, part number 720108000001, as well as the respective national deviations.

ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

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ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

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FOR INTERNAL USE ONLY

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42 VLC 9142 T2

BESTELL-NR. / ORDER NO.: GBJ6342 (KBE)

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		GBJ6342		42 VLC 9142 T2 PRODUKTCODE <b>KBE</b> KEIN E-TEIL	42 VLC 9142 T2 PRODUCT CODE <b>KBE</b> NO SPARE PART
				<b>Hinweis:</b> Sollte in dieser Ersatzteilliste Ihr "Product Code" oder Ihre Display-Variante nicht aufgeführt sein, finden Sie eine aktualisierte Version auf dem GRUNDIG Service-Portal "http://service.grundig.de".	<b>Note:</b> If your "Product Code" or display variant is not mentioned in the spare parts list, please look for a current version at the GRUNDIG service portal "http://service.grundig.de".
0001.000		759551577000		GEH.- VORDERTEIL SCHWARZ	FRONT CABINET BLACK
0002.000		759551620800		RUECKWAND SCHWARZ	BACK COVER BLACK
0005.000		759551539800		STANDFUSS SCHWARZ	STAND FOOT BLACK
0006.000		759551572700		STAND FUSS ZWISCHENSTUECK	STAND FOOT MIDDLEPART
0007.000		759551496800		KNOPF BEDIENUNG SCHWARZ	KNOB CONTROL BLACK
0015.000		759551401200		LAUTSPRECHER 10/15W 8 OHM	LOUDSPEAKER 10/15W 8 OHM
0016.000		759550975700		HOCHTONLAUTSPRECHER 10 OHM / 1	TWEETER 10 OHM / 10 W
0018.000		759551491700		KABEL DISPLAY-LVDS 350MM	CABLE DISPLAY-LVDS 350MM
0019.000		759551509100		KABEL DISPLAY-LVDS 450MM	CABLE DISPLAY-LVDS 450MM
0020.000	△	759551570100		LCD-DISPLAY LC420WUD-SCB1	LCD-DISPLAY LC420WUD-SCB1
0021.000		759551599900		INVERTERKABEL 450 MM	INVERTERCABLE 450 MM
0022.000	△	759551350200		NETZKABEL 150 CM	POWER CABLE 150 CM
0023.000	△	275990313000		LP-NETZTEILMODUL 247W TV PSU	POWER BOARD 247W TV PSU
0024.000	△	759550976400		NETZSCHALTER OHNE HALTER	POWER SWITCH WITHOUT HOLDER
0025.000	△	275991149300	X	LP-CHASSISMODUL TF (KBE)	CHASSIS BOARD TF (KBE)
0027.000		720117144800		FERNBEDIENUNG TP3	REMOTE CONTROL TP3
0028.000		720117145300		FERNBEDIENUNG TP EASY SCHWARZ	REMOTE CONTROL TP EASY BLACK
0030.000		759551558000		TASTSCHALTER	KEY SWITCH
0032.000		759551544900		IR-EMPFÄNGER TSOP35436TT	IR-RECEIVER TSOP35436TT
0033.000	△	759551549100		LED-SMD 1206 BLAU 250MCD 3.3V	LED-SMD 1206 BLUE 250MCD 3.3V
0036.000		759551608400		FRC-MODUL (VPZ)	FRC-BOARD (VPZ)
0090.000		759551398800		KARTON	CARTON
0091.000		759551540100		POLSTER OBEN	CUSHION TOP
0092.000		759551540200		POLSTER OBEN RECHTS	CUSHION TOP RIGHT
0093.000		759551540400		POLSTER UNTEN RECHTS	CUSHION BOTTOM RIGHT
				DIE BEDIENUNGSANLEITUNG KOENNEN SIE IM INTERNET UNTER FOLGENDER ADRESSE ABRUFEN: WWW.GRUNDIG.DE MENU: DOWNLOADS	THE INSTRUCTION MANUAL CAN BE DOWNLOADED FROM THE INTERNET UNDER THE FOLLOWING ADDRESS: WWW.GRUNDIG.DE MENU: DOWNLOADS
		720100557000 720108000001		SERVICE MANUAL D/GB SICHERHEITSMANUAL D/GB/E/F/I	SERVICE MANUAL D/GB SAFETY SERVICE MANUAL D/GB/E/F/I
				X = SIEHE GESONDERTE E-LISTE	X = SEE SEPARATE PARTS LIST

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ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

Ersatzteilliste  
Spare Parts ListNUR FÜR INTERNEN GEBRAUCH  
FOR INTERNAL USE ONLY

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42 VLC 6121 C

BESTELL-NR. / ORDER NO.: GBJ4142 (JYE)

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		GBJ4142		42 VLC 6121 C PRODUKTCODE <b>JYE</b> KEIN E-TEIL	42 VLC 6121 C PRODUCT CODE <b>JYE</b> NO SPARE PART
				<b>Hinweis:</b> Sollte in dieser Ersatzteilliste Ihr "Product Code" oder Ihre Display-Variante nicht aufgeführt sein, finden Sie eine aktualisierte Version auf dem GRUNDIG Service-Portal "http://service.grundig.de".	<b>Note:</b> If your "Product Code" or display variant is not mentioned in the spare parts list, please look for a current version at the GRUNDIG service portal "http://service.grundig.de".
0001.000		759551569000		GEH.- VORDERTEIL SCHWARZ	FRONT CABINET BLACK
0002.000		759551618100		RUECKWAND SCHWARZ	BACK COVER BLACK
0005.000		759551539800		STANDFUSS SCHWARZ	STAND FOOT BLACK
0006.000		759551572700		STAND FUSS ZWISCHENSTUECK	STAND FOOT MIDDLEPART
0007.000		759551496800		KNOPF BEDIENUNG SCHWARZ	KNOB CONTROL BLACK
0015.000		759550975700		HOCHTONLAUTSPRECHER 10 OHM / 1	TWEETER 10 OHM / 10 W
0016.000		759551401200		LAUTSPRECHER 10/15W 8 OHM	LOUDSPEAKER 10/15W 8 OHM
0019.000		759551600400		KABEL DISPLAY-LVDS 500 MM	CABLE DISPLAY-LVDS 500 MM
0020.000	△	759551558900		LCD-DISPLAY LGD LC420WUN-SCB1	LCD-DISPLAY LGD LC420WUN-SCB1
0021.000		759551599900		INVERTERKABEL 450 MM	INVERTERCABLE 450 MM
0022.000	△	759551350200		NETZKABEL 150 CM	POWER CABLE 150 CM
0023.000	△	275990313000		LP-NETZTEILMODUL 247W TV PSU	POWER BOARD 247W TV PSU
0024.000	△	759550976400		NETZSCHALTER OHNE HALTER	POWER SWITCH WITHOUT HOLDER
0025.000	△	275991148200	X	LP-CHASSISMODUL TF (KME)	CHASSIS BOARD TF (KME)
0027.000		720117144800		FERNBEDIENUNG TP3	REMOTE CONTROL TP3
0028.000		720117145300		FERNBEDIENUNG TP EASY SCHWARZ	REMOTE CONTROL TP EASY BLACK
0030.000		759551558000		TASTSCHALTER	KEY SWITCH
0032.000		759551544900		IR-EMPFÄNGER TSOP35436TT	IR-RECEIVER TSOP35436TT
0033.000		759551549100		LED-SMD 1206 BLAU 250MCD 3.3V	LED-SMD 1206 BLUE 250MCD 3.3V
0090.000		759551398800		KARTON	CARTON
0091.000		759551540100		POLSTER OBEN	CUSHION TOP
0092.000		759551540200		POLSTER OBEN RECHTS	CUSHION TOP RIGHT
0093.000		759551540300		POLSTER UNTEN	CUSHION BOTTOM
0094.000		759551540400		POLSTER UNTEN RECHTS	CUSHION BOTTOM RIGHT
				DIE BEDIENUNGSANLEITUNG KOENNEN SIE IM INTERNET UNTER FOLGENDER ADRESSE ABRUFEN: WWW.GRUNDIG.DE MENU: DOWNLOADS	THE INSTRUCTION MANUAL CAN BE DOWNLOADED FROM THE INTERNET UNDER THE FOLLOWING ADDRESS: WWW.GRUNDIG.DE MENU: DOWNLOADS
		720100557000 720108000001		SERVICE MANUAL D/GB SICHERHEITSMANUAL D/GB/E/F/I	SERVICE MANUAL D/GB SAFETY SERVICE MANUAL D/GB/E/F/I
				X = SIEHE GESONDERTE E-LISTE	X = SEE SEPARATE PARTS LIST

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ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

Ersatzteilliste  
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FOR INTERNAL USE ONLY

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46 VLE 7130 BM

BESTELL-NR. / ORDER NO.: GBJ0146 (JZK)

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		GBJ0146		46 VLE 7130 BM PRODUKTCODE <b>JZK</b> KEIN E-TEIL	46 VLE 7130 BM PRODUCT CODE <b>JZK</b> NO SPARE PART
				<b>Hinweis:</b> Sollte in dieser Ersatzteilliste Ihr "Product Code" oder Ihre Display-Variante nicht aufgeführt sein, finden Sie eine aktualisierte Version auf dem GRUNDIG Service-Portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .	<b>Note:</b> If your "Product Code" or display variant is not mentioned in the spare parts list, please look for a current version at the GRUNDIG service portal <a href="http://service.grundig.de">"http://service.grundig.de"</a> .
0001.000		759551619700		GEH.- VORDERTEIL SCHWARZ	FRONT CABINET BLACK
0002.000		759551619800		RUECKWAND SCHWARZ	BACK COVER BLACK
0005.000		759551619900		STANDFUSS SCHWARZ GLAS	STAND FOOT BLACK GLASS
0007.000		759551544600		KNOPF PROG./VOL./STD-BY SCHWARZ	KNOB PROG./VOL./STD-BY SCHWARZ
0015.000		759551614100		LAUTSPRECHER 8 OHM 10/13,5 W 3	SPEAKER 8 OHM 10/13,5 W 30X193
0018.000		759551516900		LVDS-KABEL 51 PIN 40 LED PANEL	LVDS-CABLE 51 PIN 40 LED PANEL
0019.000		759551550100		LVDS-KABEL 41 PIN 40 LED PANEL	LVDS-CABLE 41 PIN 40 LED PANEL
0020.000	△	759551620000		LCD-DISPLAY SS LTA460HJ14-C01	LCD-DISPLAY SS LTA460HJ14-C01
0021.000	△	759551611500		INVERTERKABEL 230 MM	INVERTER CABLE 230 MM
0022.000	△	759551343100		NETZKABEL 180CM	POWER CABLE 180CM
0023.000	△	275990312800		LP-NETZTEILMODUL 175W 2011 SLI	POWER BOARD 175W 2011 SLIM TV
0025.000	△	275991148800	X	LP-CHASSISMODUL TF (JZK)	CHASSIS BOARD TF (JZK)
0027.000		720117144800		FERNBEDIENUNG TP3	REMOTE CONTROL TP3
0028.000		720117145300		FERNBEDIENUNG TP EASY SCHWARZ	REMOTE CONTROL TP EASY BLACK
0030.000		759551057800		TASTSCHALTER	KEY SWITCH
0032.000		759551544900		IR-EMPFAENGER TSOP35436TT	IR-RECEIVER TSOP35436TT
0033.000		759551549100		LED-SMD 1206 BLAU 250MCD 3.3V	LED-SMD 1206 BLUE 250MCD 3.3V
0036.000	△	759551608400		FRC-MODUL (VPZ)	FRC-BOARD (VPZ)
0090.000		759551620100		KARTON 46" LED	CARTON 46" LED
0091.000		759551620200		POLSTER OBEN	CUSHION TOP
0092.000		759551620300		POLSTEN UNTEN	CUSHION BOTTOM
				DIE BEDIENUNGSANLEITUNG KOENNEN SIE IM INTERNET UNTER FOLGENDER ADRESSE ABRUFEN: WWW.GRUNDIG.DE MENU: DOWNLOADS	THE INSTRUCTION MANUAL CAN BE DOWNLOADED FROM THE INTERNET UNDER THE FOLLOWING ADDRESS: WWW.GRUNDIG.DE MENU: DOWNLOADS
		720100557000		SERVICE MANUAL D/GB	SERVICE MANUAL D/GB
		720108000001		SICHERHEITSMANUAL D/GB/E/F/I	SAFETY SERVICE MANUAL D/GB/E/F/I
				X = SIEHE GESONDERTE E-LISTE	X = SEE SEPARATE PARTS LIST

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ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

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FOR INTERNAL USE ONLY

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LP-NETZTEILMODUL 22 LED TF CHA.  
POWER BOARD 22 LED TF CHA.

MATERIAL-NR. / PART NO.: 275990312300

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
	△	275990312300		LP-NETZTEILMODUL 22 LED TF CHA.	POWER BOARD 22 LED TF CHA.
D 2001		759551395300		DIODE UF4007F R:12.5	
D 2003		759551499100		DIODE-CHIP ES1D 1A 200V U.F	
D 2004		759551395300		DIODE UF4007F R:12.5	
D 2005		759551612100		DIODE STKY MBR3060CT 30A 60	
D 2010		759551613100		DIODE UF1010G (PANJIT)	
D 2011		759551613200		DIO STKY MBRF30H100CTG 30A1	
D 2080		759551549400		DIODE-SMD STKY STP5SH100B 5	
D 2083		759551499100		DIODE-CHIP ES1D 1A 200V U.F	
DB 2001		759551499200		DIODE-CHIP BRIDGE DI156S 1.	
FB 2080		759551606700		FERRITE BEAD-CHIP 120R/3A/1	
FB 2081		759551606700		FERRITE BEAD-CHIP 120R/3A/1	
IC 201		759551612200		IC-SMD TPS54521RH1R QFN	
IC 2001		759551612300		IC-SMD FAN6754BMRMY SOIC8	
IC 2002	△	759551253200		IC OPTOKOPPLER H11A817C	
IC 2003		759551434500		IC-SMD ZTL431AFFTA SOT23F T	
IC 2080		759551549200		IC-SMD MP3900DS	
L 202		759551613500		COIL-SMD 4.7UH M 4.9A 10.4	
L 2001	△	759551397700		LINE FILTER 10MH 0.7A PLA10	
L 2003		759551562600		SMD SPULE 10UH M 200MA	
L 2004		759550624400		SPULE 10 UH	
L 2006		759551395900		SPULE 4.7UH 3A RADIAL R:10	
L 2080		759551570600		SPULE 10UH 7A	
Q 201		759551612500		TRN-SMD 2N7002T 60V N-CH SO	
Q 2001		759551612600		TRN TK8A65D 650V 8A 0.7R N-	
S 2001	△	759551499700		NETZANSCHLUSS 2PIN / VERTIC	
S 2007	△	759551570700		DC-ANSCHLUSS 6A 3PIN FEMALE	
S 2008		759551612700		TF-12V DC TO 5V DC CARD	
T 2082		830100484800		SMD TRANS BC848B/ BC847B P	
T 2085		759551613600		TRN-SMD PSMN030-60YS 29/60	
TR 2001	△	759551612800		TRF SMT JEWEL BCK-28-1368	
ZD 2001		759551613000		DIODE ZEN BZX84C22-7-F 22V	
ZD 2002		759550923500		DIODE ZPD5.1	

Es gelten die Vorschriften und Sicherheitshinweise gemäß dem Service Manual "Sicherheit", Mat.-Nummer 720108000001, sowie zusätzlich die eventuell abweichenden, landesspezifischen Vorschriften!



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ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

Ersatzteilliste  
Spare Parts ListNUR FÜR INTERNEN GEBRAUCH  
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LP-NETZTEILMODUL 18.5 LED TF CHA.  
POWER BOARD 18.5 LED TF CHA.

MATERIAL-NR. / PART NO.: 275990312600

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
	△	275990312600		LP-NETZTEILMODUL 18.5 LED TF CHA.	POWER BOARD 18.5 LED TF CHA.

POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION	POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION
D 2001	759551395300	DIODE UF4007F R:12.5	ZD 2002	759550923500	DIODE ZPD5.1
D 2003	759551499100	DIODE-CHIP ES1D 1A 200V U.F			
D 2004	759551395300	DIODE UF4007F R:12.5			
D 2005	759551612100	DIODE STKY MBR3060CT 30A 60			
D 2010	759551613100	DIODE UF1010G (PANJIT)			
D 2011	759551613200	DIO STKY MBRF30H100CTG 30A1			
D 2080	759551549400	DIODE-SMD STKY STPS5H100B 5			
D 2083	759551499100	DIODE-CHIP ES1D 1A 200V U.F			
DB 2001	759551499200	DIODE-CHIP BRIDGE DI156S 1.			
F 2002	△ 759550935300	SICHERUNG T5 A / 250 V			
FB 2080	759551606700	FERRITE BEAD-CHIP 120R/3A/1			
FB 2081	759551606700	FERRITE BEAD-CHIP 120R/3A/1			
IC 201	759551612200	IC-SMD TPS54521RHRLR QFN			
IC 2001	759551612300	IC-SMD FAN6754BMRMY SOIC8			
IC 2002	△ 759551253200	IC OPTOKOPPLER H11A817C			
IC 2003	759551434500	IC-SMD ZTL431AFFTA SOT23F T			
IC 2080	759551549200	IC-SMD MP3900DS			
L 202	759551613500	COIL-SMD 4.7UH M 4.9A 10.4			
L 2001	△ 759551397700	LINE FILTER 10MH 0.7A PLA10			
L 2003	759551562600	SMD SPULE 10UH M 200MA			
L 2004	759550624400	SPULE 10 UH			
L 2006	759551395900	SPULE 4.7UH 3A RADIAL R:10			
L 2080	759551570600	SPULE 10UH 7A			
Q 201	759551612500	TRN-SMD 2N7002T 60V N-CH SO			
Q 2001	759551612600	TRN TK8A65D 650V 8A 0.7R N-			
S 2001	△ 759551499700	NETZANSCHLUSS 2PIN / VERTIC			
S 2007	△ 759551570700	DC-ANSCHLUSS 6A 3PIN FEMALE			
S 2008	759551612700	TF-12V DC TO 5V DC CARD			
T 2082	830100484800	SMD TRANS BC848B/ BC847B P			
T 2085	759551613600	TRN-SMD PSMN030-60YS 29/60			
TR 2001	△ 759551612800	TRF SMT JEWEL BCK-28-1368			
ZD 2001	759551613000	DIODE ZEN BZX84C22-7-F 22V			

Es gelten die Vorschriften und Sicherheitshinweise gemäß dem Service Manual "Sicherheit", Mat.-Nummer 720108000001, sowie zusätzlich die eventuell abweichenden, landesspezifischen Vorschriften!



The regulations and safety instructions shall be valid as provided by the "Safety" Service Manual, part number 720108000001, as well as the respective national deviations.

ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

Ersatzteilliste  
Spare Parts ListNUR FÜR INTERNEN GEBRAUCH  
FOR INTERNAL USE ONLY

TV

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LP-NETZTEILMODUL 18.5 LED TF CHA.  
POWER BOARD 18.5 LED TF CHA.

MATERIAL-NR. / PART NO.: 275990312900

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
	△	275990312900		LP-NETZTEILMODUL 18.5 LED TF C	POWER BOARD 18.5 LED TF CHA.(P

POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION	POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION
D 2001	759551395300	DIODE UF4007F R:12.5			
D 2003	759551499100	DIODE-CHIP ES1D 1A 200V U.F			
D 2004	759551395300	DIODE UF4007F R:12.5			
D 2005	759551612100	DIODE STKY MBR3060CT 30A 60			
D 2010	759551613100	DIODE UF1010G (PANJIT)			
D 2011	759551613200	DIO STKY MBRF30H100CTG 30A1			
D 2080	759551549400	DIODE-SMD STKY STPS5H100B 5			
D 2083	759551499100	DIODE-CHIP ES1D 1A 200V U.F			
DB 2001	759551499200	DIODE-CHIP BRIDGE DI156S 1.			
F 2002	△ 759550935300	SICHERUNG T5 A / 250 V			
FB 2080	759551606700	FERRITE BEAD-CHIP 120R/3A/1			
FB 2081	759551606700	FERRITE BEAD-CHIP 120R/3A/1			
IC 201	759551612200	IC-SMD TPS54521RHRLR QFN			
IC 2001	759551612300	IC-SMD FAN6754BMRMY SOIC8			
IC 2002	△ 759551253200	IC OPTOKOPPLER H11A817C			
IC 2003	759551434500	IC-SMD ZTL431AFFTA SOT23F T			
IC 2080	759551549200	IC-SMD MP3900DS			
L 202	759551613500	COIL-SMD 4.7UH M 4.9A 10.4*			
L 2001	△ 759551397700	LINE FILTER 10MH 0.7A PLA10			
L 2003	759551562600	SMD SPULE 10UH M 200MA			
L 2004	759550624400	SPULE 10 UH			
L 2006	759551395900	SPULE 4.7UH 3A RADIAL R:10			
L 2080	759551570600	SPULE 10UH 7A			
Q 201	759551612500	TRN-SMD 2N7002T 60V N-CH SO			
Q 2001	759551612600	TRN TK8A65D 650V 8A 0.7R N-			
S 2007	△ 759551570700	DC-ANSCHLUSS 6A 3PIN FEMALE			
S 2008	759551612700	TF-12V DC TO 5V DC CARD			
T 2082	830100484800	SMD TRANS BC848B/ BC847B P			
T 2085	759551613600	TRN-SMD PSMN030-60YS 29/60			
TR 2001	△ 759551612800	TRF SMT JEWEL BCK-28-1368			
ZD 2001	759551613000	DIODE ZEN BZX84C22-7-F 22V			
ZD 2002	759550923500	DIODE ZPD5.1			

Es gelten die Vorschriften und Sicherheitshinweise gemäß dem Service Manual "Sicherheit", Mat.-Nummer 720108000001, sowie zusätzlich die eventuell abweichenden, landesspezifischen Vorschriften!



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ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

Ersatzteilliste  
Spare Parts ListNUR FÜR INTERNEN GEBRAUCH  
FOR INTERNAL USE ONLY

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LP-NETZTEILMODUL 18.5 TF CHA.  
POWER BOARD 18.5 TF CHA.

MATERIAL-NR. / PART NO.: 759551610200

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
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△ 759551610200 LP-NETZTEILMODUL 18.5 TF CHA. POWER BOARD 18.5 TF CHA.

POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION
C 2053 C 2054	△ 759550965300 △ 759550965300	KONDENS 220PF M 250VAC R:10 KONDENS 220PF M 250VAC R:10
D 2001 D 2004 D 2005 D 2010 D 2014 D 2015 D 2017	759551395300 759551395300 759551612100 759551613100 759551499300 759550923500 759551499300	DIODE UF4007F R:12.5 DIODE UF4007F R:12.5 DIODE STKY MBR3060CT 30A 60 DIODE UF1010G (PANJIT) DIODE STKY SB5100 5A 100V D DIODE ZPD5.1 DIODE STKY SB5100 5A 100V D
DB 2001	759551499200	DIODE-CHIP BRIDGE DI156S 1.
F 2002	△ 759550935300	SICHERUNG T5 A / 250 V
IC 2001 IC 2002 IC 2003 IC 2004	759551612300 △ 759551253200 759551434500 759551612400	IC-SMD FAN6754BMRMY SOIC8 IC OPTOKOPPLER H11A817C IC-SMD ZTL431AFTA SOT23F T IC-SMD FAN7318AMX SOIC16
L 2001 L 2003 L 2004 L 2006	△ 759551397700 759551562600 759550624400 759551395900	LINE FILTER 10MH 0.7A PLA10 SMD SPULE 10UH M 200MA SPULE 10 UH SPULE 4.7UH 3A RADIAL R:10
Q 2001 Q 2002 Q 2003	759551612600 759551499900 759551500000	TRN TK8A65D 650V 8A 0.7R N- TRANS-SMD FDD4141 40V 50A P TRANS-SMD FDD8778 25V 35A N
S 2001 S 2007 S 2008	△ 759551499700 △ 759551570700 759551612700	NETZANSCHLUSS 2PIN / VERTIC DC-ANSCHLUSS 6A 3PIN FEMALE TF-12V DC TO 5V DC CARD
TR 2001 TR 2003	△ 759551612800 △ 759551612900	TRF SMT JEWEL BCK-28-1368 TRF SMT INVERTER JEWEL HVT-
ZD 2001	759551613000	DIODE ZEN BZX84C22-7-F 22V

Es gelten die Vorschriften und Sicherheitshinweise gemäß dem Service Manual "Sicherheit", Mat.-Nummer 720108000001, sowie zusätzlich die eventuell abweichenden, landesspezifischen Vorschriften!



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ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

Ersatzteilliste  
Spare Parts ListNUR FÜR INTERNEN GEBRAUCH  
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LP-NETZTEILMODUL 22 TF CHA.  
POWER BOARD 22 TF CHA.

MATERIAL-NR. / PART NO.: 759551610600

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
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△ 759551610600 LP-NETZTEILMODUL 22 TF CHA. POWER BOARD 22 TF CHA.

POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION
C 2053 C 2054	△ 759550965300 △ 759550965300	KONDENS 220PF M 250VAC R:10 KONDENS 220PF M 250VAC R:10
D 2001 D 2004 D 2005 D 2010 D 2011 D 2012 D 2015 D 2016	759551395300 759551395300 759551612100 759551395300 759551613200 759551613300 759550923500 759551613300	DIODE UF4007F R:12.5 DIODE UF4007F R:12.5 DIODE STKY MBR3060CT 30A 60 DIODE UF4007F R:12.5 DIO STKY MBRF30H100CTG 30A1 DIO-SMD STKY MBRS130LT3G 1A DIODE ZPD5.1 DIO-SMD STKY MBRS130LT3G 1A
DB 2001	759551499200	DIODE-CHIP BRIDGE DI156S 1.
IC 201 IC 2001 IC 2002 IC 2003 IC 2004	759551612200 △ 759551612300 759551253200 759551434500 759551612400	IC-SMD TPS54521RHLR QFN IC-SMD FAN6754BMRMY SOIC8 IC OPTOKOPPLER H11A817C IC-SMD ZTL431AFTA SOT23F T IC-SMD FAN7318AMX SOIC16
L 202 L 2001 L 2003 L 2004 L 2006	759551613500 △ 759551397700 759551562600 759550624400 759551395900	COIL-SMD 4.7UH M 4.9A 10.4 LINE FILTER 10MH 0.7A PLA10 SMD SPULE 10UH M 200MA SPULE 10 UH SPULE 4.7UH 3A RADIAL R:10
Q 201 Q 2001 Q 2002 Q 2003	759551612500 759551612600 759551499900 759551500000	TRN-SMD 2N7002T 60V N-CH SO TRN TK8A65D 650V 8A 0.7R N- TRANS-SMD FDD4141 40V 50A P TRANS-SMD FDD8778 25V 35A N
S 2001 S 2007 S 2008	△ 759551499700 △ 759551570700 759551612700	NETZANSCHLUSS 2PIN / VERTIC DC-ANSCHLUSS 6A 3PIN FEMALE TF-12V DC TO 5V DC CARD
TR 2001 TR 2002	△ 759551612800 △ 759551613400	TRF SMT JEWEL BCK-28-1368 TRF SMT INVERTER TRANSTEK T
ZD 2001	759551613000	DIODE ZEN BZX84C22-7-F 22V

Es gelten die Vorschriften und Sicherheitshinweise gemäß dem Service Manual "Sicherheit", Mat.-Nummer 720108000001, sowie zusätzlich die eventuell abweichenden, landesspezifischen Vorschriften!



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ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION



## TV

## LP-CHASSISMODUL / CHASSIS BOARD TF

			PCB Code	J2C	J2V	J2P	7XN	J2Q	KAG	KBU	J2P	KBX	J2E	J2C	CRQ	J2Z	KLT	D16	J2R	CRL	72W	KDJ	D14	J2A	J2U	
			Chassis TF	275991142500	275991144100	275991144400	275991144500	275991144600	275991144700	275991144900	275991145000	275991145100	275991146600	275991146700	275991146800	275991146900	275991147000	275991147100	275991147200	275991147300	275991147400	275991147500	275991147600	275991147700	275991147800	
Pos.	Part Number	Description																								
D603	759551497600	DIODE STKY-SMD PMEG2020EH 2A 20V SOD123F		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
D610	759551497600	DIODE STKY-SMD PMEG2020EH 2A 20V SOD123F		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
D811	759551497600	DIODE STKY-SMD PMEG2020EH 2A 20V SOD123F		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
IC101	759551605400	IC-SMD TC58NVGOS3EBAI4LR0 TFBGA63		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
IC103	759551605500	IC-SMD M24C32-WMN6TP-P/C SO8		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
IC104	759551561000	IC-SMD APX812-29UG-7		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
IC106	759551560900	IC-SMD W25Q16BVSSIG		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
IC200	759551605600	IC-SMD K4T51163Q1-HCF8T00 FBGA84		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
IC201	759551605700	IC-SMD K4T1G164QF-BCF8T00 FBGA84		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
IC300	759551468300	IC-SMD 74LVC1G66GW 165 TSSOP5		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
IC400	759551502800	IC-SMD AP2171WG-7 SOT23-5		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
IC401	759551498600	IC-SMD NC7SZ08P5X SOT353		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
IC402	759551605800	IC-SMD MSD3819TX-UQ LFBGA		X	X	X	X	X	X		X		X	X	X	X	X			X	X			X	X	
	759551613700	IC-SMD MSD3819TX-SA LFBGA								X		X						X			X	X				
IC500	759551605900	IC-SMD AP432SRG-7 SOT23R		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
IC501	759551606000	IC-SMD TAS5707PHPR HTQFP		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
IC502	759551606100	IC-SMD MAX9728AETC+		X	X	X	X	X	X		X		X	X	X	X	X			X	X			X	X	X
IC600	759551606200	IC-SMD TPS54226RGTR QFN		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
IC601	759551606200	IC-SMD TPS54226RGTR QFN		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
IC603	759551606300	IC-SMD XC8102AA01GR-G USP-4		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
IC604	759551606400	IC-SMD XC6222D501ER-G USP-6C		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
IC605	759551606500	IC-SMD XC6221A252GR-G USP-4		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
IC606	759551606200	IC-SMD TPS54226RGTR QFN		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
IC608	759551469100	IC-SMD STMP52171STR SOT23-5		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
IC609	759551606200	IC-SMD TPS54226RGTR QFN		X					X	X		X	X	X	X	X	X	X			X	X				
IC700	759551606600	IC-SMD CAT24C02TDI-GT3A TSOT23-5		X				X					X	X	X	X										
IC701	759551606600	IC-SMD CAT24C02TDI-GT3A TSOT23-5		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
IC702	759551606600	IC-SMD CAT24C02TDI-GT3A TSOT23-5																								
IC704	759551606600	IC-SMD CAT24C02TDI-GT3A TSOT23-5		X	X	X	X	X	X		X		X	X	X	X	X	X	X	X				X	X	X
IC800	759551606100	IC-SMD MAX9728AETC+		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
IC801	759551434500	IC-SMD ZTL431AFFTA SOT23F																		X	X					
IC900	759551477200	IC-CHIP STMAV340TTR TSSOP16		X	X	X	X	X	X		X		X	X	X	X	X	X		X	X			X	X	X
IC901	759551606600	IC-SMD CAT24C02TDI-GT3A TSOT23-5		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
IC1000	759551618200	IC-SMD W25X10BVSNIIG SOIC8																						X	X	X
IC1001	759551618300	IC-SMD XC6222B121ER-G USP-6C																						X	X	X
IC1002	759551618400	IC-SMD MSB1231-LF LQFP64 DATE-1051																						X	X	X
IC1005	759551500600	IC-SMD STMP52151STR SOT23-5																								
L300	759551364700	FERRIT CHIP SBY100505T-102Y-N/0402		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
L301	759551562300	SMD SPULE 22UH M 0.47A		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
L303	759551364700	FERRIT CHIP SBY100505T-102Y-N/0402		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
L304	759551562400	SMD SPULE 1UH		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
L412	759551364700	FERRIT CHIP SBY100505T-102Y-N/0402		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
L501	759551562500	SMD SPULE 22UH M 1.9A		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
L502	759551562500	SMD SPULE 22UH M 1.9A		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
L504	759551606700	FERRITE BEAD-CHIP 120R/3A/1206						X	X		X	X	X	X	X	X	X	X			X	X				
L509	759551562500	SMD SPULE 22UH M 1.9A		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
L510	759551562500	SMD SPULE 22UH M 1.9A		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
L600	759551364700	FERRIT CHIP SBY100505T-102Y-N/0402		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
L603	759551561300	SMD SPULE 3.3UH M 2A		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
L604	759551561300	SMD SPULE 3.3UH M 2A		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
L606	759551561300	SMD SPULE 3.3UH M 2A		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
L609 ▲	759551615000	FUSE-SMD 4A 32V 0603 FAST ACT											X	X	X	X	X	X								
L613	759551562300	SMD SPULE 22UH M 0.47A		X					X	X		X	X	X	X	X	X	X			X	X				
L800	759551364700	FERRIT CHIP SBY100505T-102Y-N/0402		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
L801	759551364700	FERRIT CHIP SBY100505T-102Y-N/0402		X					X				X	X	X	X	X									
L1015	759551606800	BOB-SMD 3.3UH %20 1.2A 0.09R 1008																								
L1016	759551606800	BOB-SMD 3.3UH %20 1.2A 0.09R 1008		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
S400	759551435100	PCMCIA SINGLE BUCHSE KURZ		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	
S500	759551175900	BUCHSE KOPFHOERER STEREO		X	X	X	X	X	X		X		X	X	X	X	X						X	X	X	
S605	759551561500	CONN. USB-001-A HORIZONTAL		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	
S700	759551606900	CON-SMD HDMI 13MM VERT.		X					X				X	X	X	X	X									
S701	759551606900	CON-SMD HDMI 13MM VERT.																								
S702	759551606900	CON-SMD HDMI 13MM VERT.		X	X	X	X	X	X		X		X	X	X	X	X	X		X	X			X	X	X
S703	759551498700	CON.500254-1927 MOLEX HDMI		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
S800	759551616200	CON SCART LOCK VERT.											X	X	X	X	X	X	X					X	X	X
S802	759551561700	CONN. OPT JACK TOSLINK-TX		X					X				X	X	X	X	X							X	X	X
S902	759551501300	BUCHSE VGA (DSUB15) 48203-9073 DIK		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X	X	X
S903	759551501200	KOPFHOERERBU. EJJ328-3 DIK 3.5MM STEREO		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X
S1003	759551616100	CON USB-A 13MM FEMALE DIK																								
SAW300	759551500100	FILTER SAW HDASF389A7DC SIP5DC		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X
SAW301	759551500200	FILTER SAW HDVF389A1DC (OFW K3953M)		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X
T100	759551098300	TRANS BC847BDW1T1		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
T302	759551098200	TRANS BC847BPDW1T		X	X	X	X	X	X	X	X	X	X	X	X	X										

[illegible]