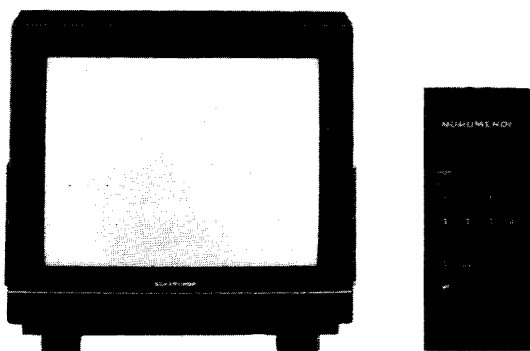


SERVICE-INFORMATION



**FFS-Chassis F 20-9
mit/con/with IMC 5**

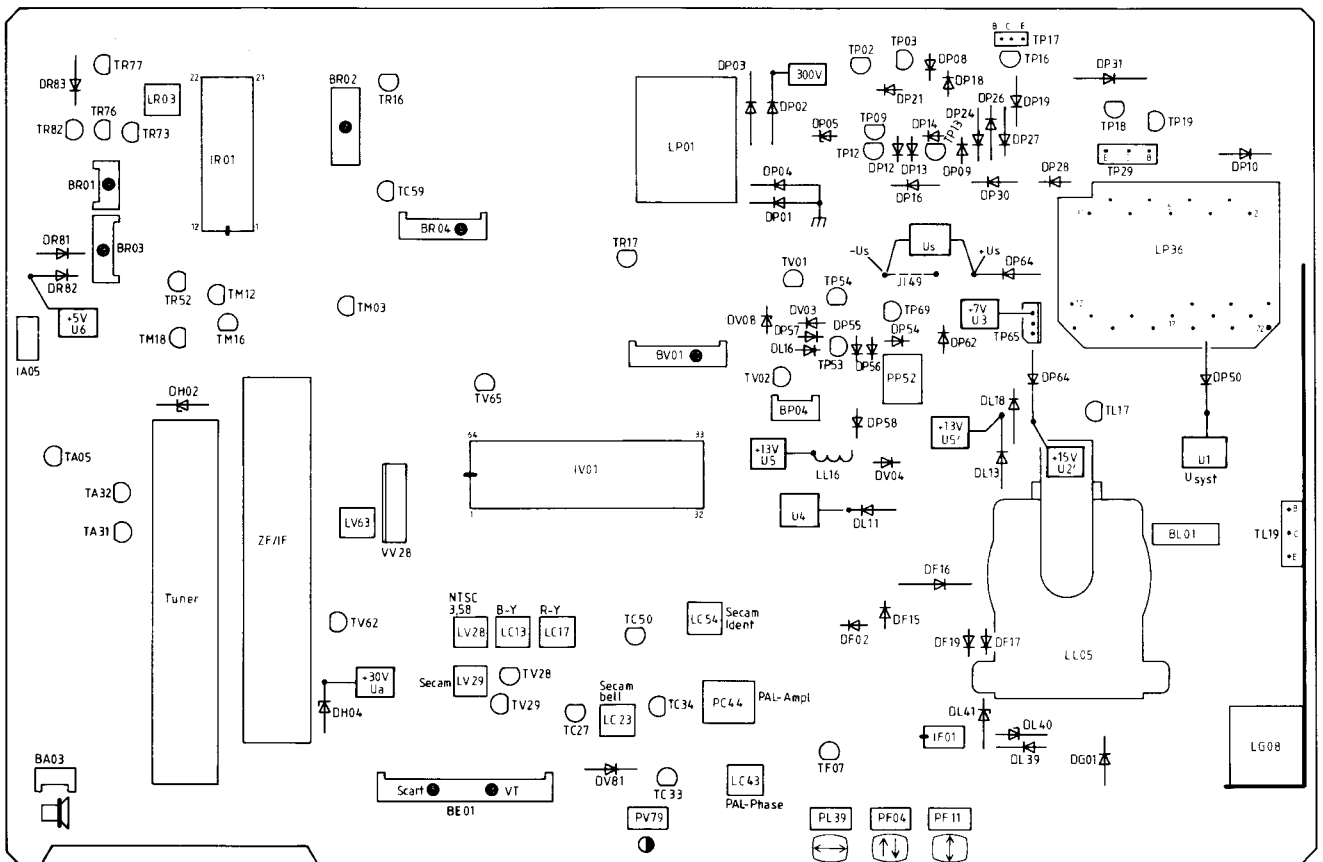
- Galaxy 55 C - 991.610 E**
- Galaxy 5501 VT - 991.616 K**
- Galaxy 45 C - 992.577 C**
- Galaxy 4501 C - 992.577 L**
- Galaxy 45 V - 992.578 D**
- Galaxy 4501 C-VT - 992.578 M**

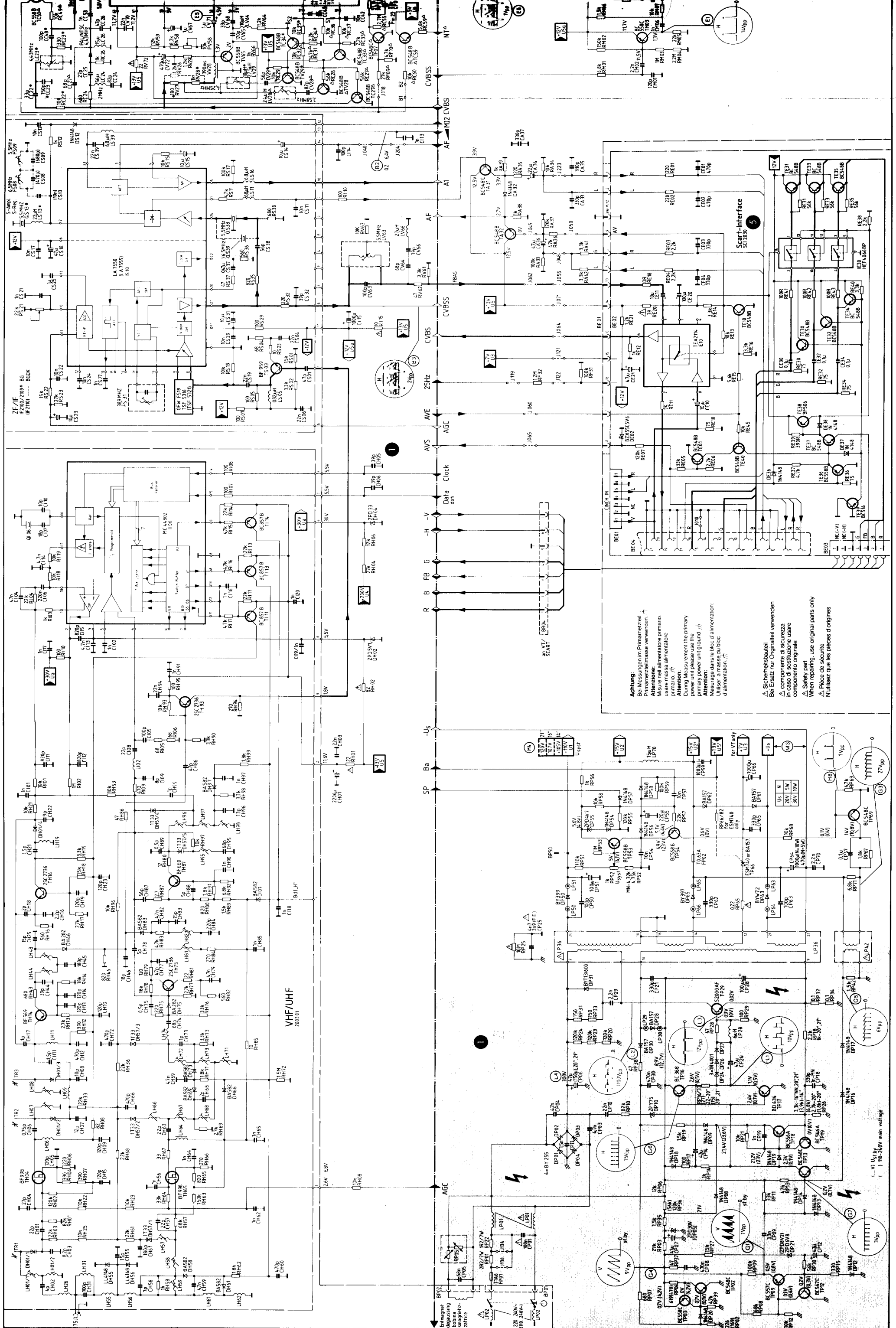
Service-Einstellungen · Regolazioni di servizio · Service adjustments · Réglages de service

<p>1 Chassis · Telaio · Chassis</p> <p>Hauptspannung, Tensione principale, Principal voltage, Tension principale } U_{sys.} 110 V</p> <p>1. ⚙ min. 2. PP 52 → 110 V ± 1 V 105 V ± 1 V - 14" 107 V ± 1 V - 16" NN 120 V ± 1 V - 21"</p> <p>PF 11</p> <p>PL 39 PF 04</p> <p>LV 63; 5,5 MHz Tonfalle · trapola tono · sound trap</p> <p>1. Oscilloscop. → BE 01/pin 10</p> <p>2. Schwarz-Weiß-Testbild (ohne Burst) · segnale bianco-nero (senza burst) · black + white signal (without burst)</p> <p>3. LV 63 → 5,5 MHz min.</p> <p>PV 79 Spitzenweiß · bianco punte · peak white</p> <p>1. Gittertestbild · segnale grata · grating testpattern</p> <p>2. Oscilloscop. Pin 3 (11) Bildröhre · pin 3 (11) cinescopio · pin 3 (11) CRT</p>	<p>1 Chassis · Telaio · Chassis</p> <p>3. ⚙ + [III] → standard, ⚙ → max.</p> <p>4. PV 79 → 65 Vpp (ohne Austastimpulse · senza impulso · without blanking pulses)</p> <p>U_{G2} Schirmgitterspannung · tensione griglia schermo · screen grid voltage</p> <p>1. Grautreppe · scala grigio · grey scale</p> <p>2. ⚙ + ⚙ → standard, [III] → min.</p> <p>3. U_{G2} → alle Grauwerte sichtbar · visione tutti toni grigi · all grey scale values visible</p> <p>PAL</p> <p>PC 44, PAL-Amplitude · Amplitude PAL · LC 43 PAL-Phase · Fase PAL</p> <p>1. Oscilloscop. → Ⓣ R-Y</p> <p>2. Oscilloscop.: 2 Zeilen triggern · trig. 2 linea · trigger to 2 lines</p> <p>3. PC 44/LC 43 wechselweise · alternativo · alternating → min. jitter</p> <p>NTSC</p> <p>LV 28 NTSC (3,58 MHz) Farbträger-Falle · trapola colore secam (3,58 MHz) · color carrier trap (3,58 MHz)</p> <p>1. NTSC Farbbalken Testbild · segnale barre colore NTSC · NTSC color bare signal</p> <p>2. Osci. → RV 28/LV 28</p> <p>3. LV 28 → min.</p> <p>Secam</p> <p>LV 29 Secam Farbträger-Falle (4,25 MHz) · trapola colore secam (4,25 MHz) · Secam color carrier trap (4,25 MHz)</p> <p>1. Secam Testbild Weiß · segnale bianco · test picture white</p> <p>2. Osci. → RV 28/LV 28</p> <p>3. LV 29 → min.</p> <p>LC 54 Ident. Secam</p> <p>1. Secam Farbtestbild · segnale colore · color bare signal</p> <p>2. Osci. → IV 01 Pin 23</p> <p>3. LC 54 → max.</p>	<p>Secam</p> <p>LC 13 B-Y/LC 17 R-Y Demodulator</p> <p>1. Secam Farbtestbild · segnale colore · color bare signal</p> <p>2. Osci. → IV 01 Pin 2</p> <p>3. LC 17 → farbl. Balken auf Niveau von Austastlücke · barre senza colore sul livello del synchronisme · colorless bare to level of blanking interval</p> <p>4. Osci. → IV 01/Pin 64</p> <p>5. LC 13 → wie 3. · preciso 3. · like 3.</p> <p>LC 23 Glockenfilter · filtro del campana · bell-filter</p> <p>1. Secam Farbtestbild · segnale colore · color bare signal</p> <p>2. Osci. → IV 01 Pin 18</p> <p>3. LC 23 → Farbamplitude auf gleiches Niveau · ampl. colore livello uguale · color amplitudes to the same level</p> <p>5</p> <p>Bildröhrenplatte · piastra cinescopio · CRT-board</p> <p>I. Weißabgleich · aggiustamento bianco · white adjustment</p> <p>1. ⚙ + ⚙ → max.</p> <p>2. Schwarz-Weiß-Testbild · segnale bianco-nero · black + white test pattern</p> <p>3. PT 11, PT 21 wechselweise · alternativo · alternating → Bild auf min. Farbstich · colore a livello minimo · to min. color shade</p> <p>II. Graubgleich · aggiustamento grigio · grey adjustment</p> <p>1. Schwarz-Weiß-Testbild · segnale bianco-nero · black + white test pattern</p> <p>2. ⚙ + ⚙ → Bild gerade noch sichtbar · quadro appena visibile · picture just visible</p> <p>3. PT 12/PT 22 wechselweise · alternativo · alternating → Bild auf min. Farbstich · colore a livello minimo · to min. color shade</p> <p>4. Einstellung I bei Bedarf wiederholen · aggiustamento I se necessario ripetere · repeat adjustment I if necessary</p>
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NORDMENDE
THOMSON TECHNOLOGY

Service-Lageplan · posizione regolatori di servizio · Layout diagram · Disposition des régleurs

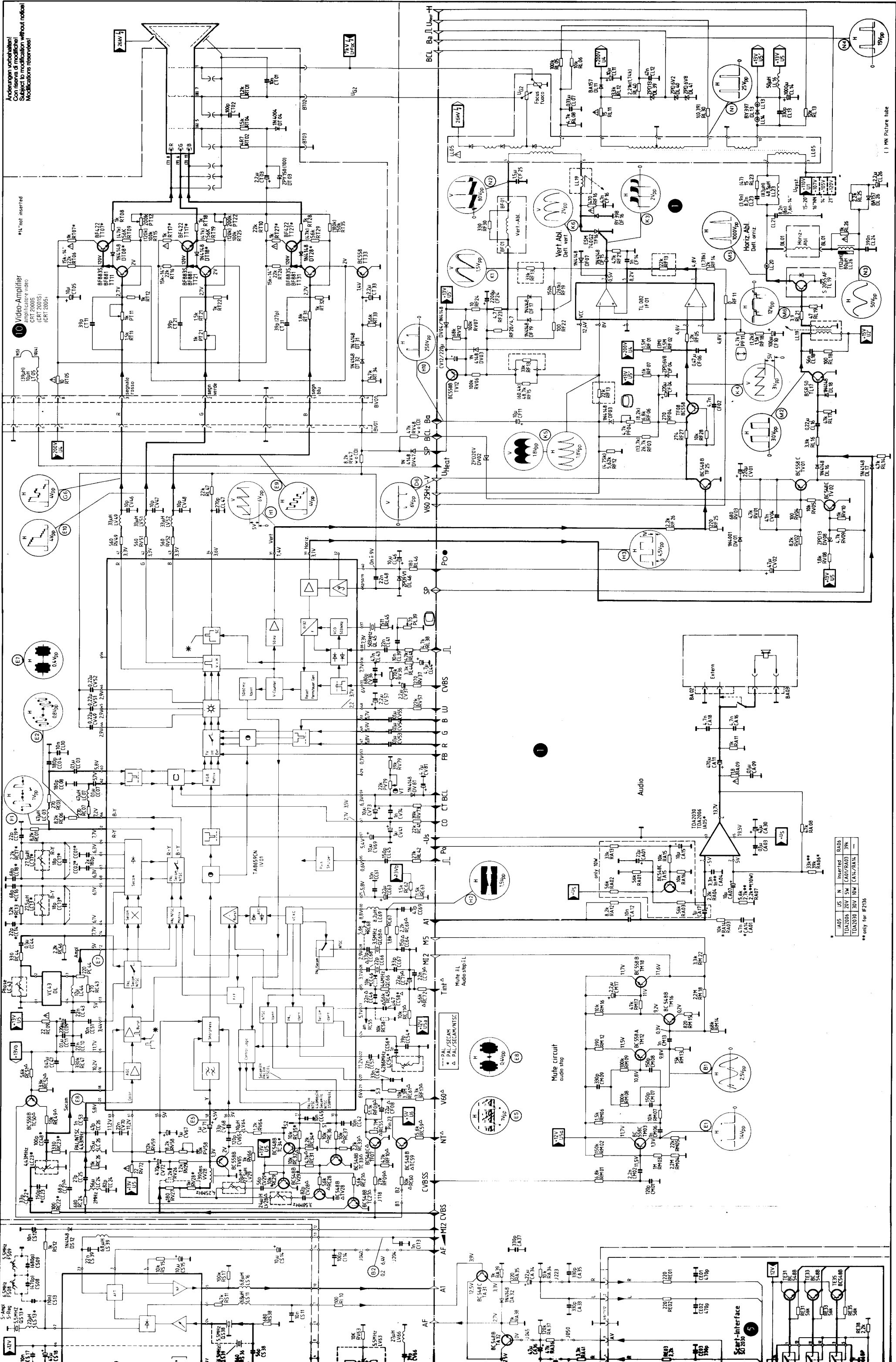




Achtung: Bei Messungen im Primärnetzteil Primärnetzteilmasse verwenden
Attenzione: Misurare nell'alimentatore primario usare massa alimentatore
During Measurement: use the primary power unit ground
Attention: Mesurer dans le bloc d'alimentation Utiliser la masse du bloc d'alimentation

⚠ Schematisbauteil
 Bei Ersatz nur Originalteil verwenden
 ⚠ componente di sicurezza
 in caso di sostituzione usare componente originale
 ⚠ Safety part
 When replacing, use original parts only
 ⚠ Pièce de sécurité
 N'utilisez que les pièces d'origines

1. V: U₁ by
 1. 10-240V main voltage



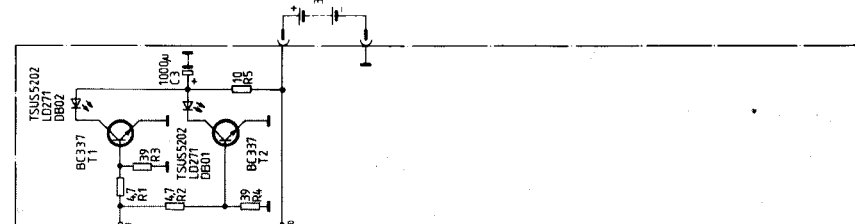
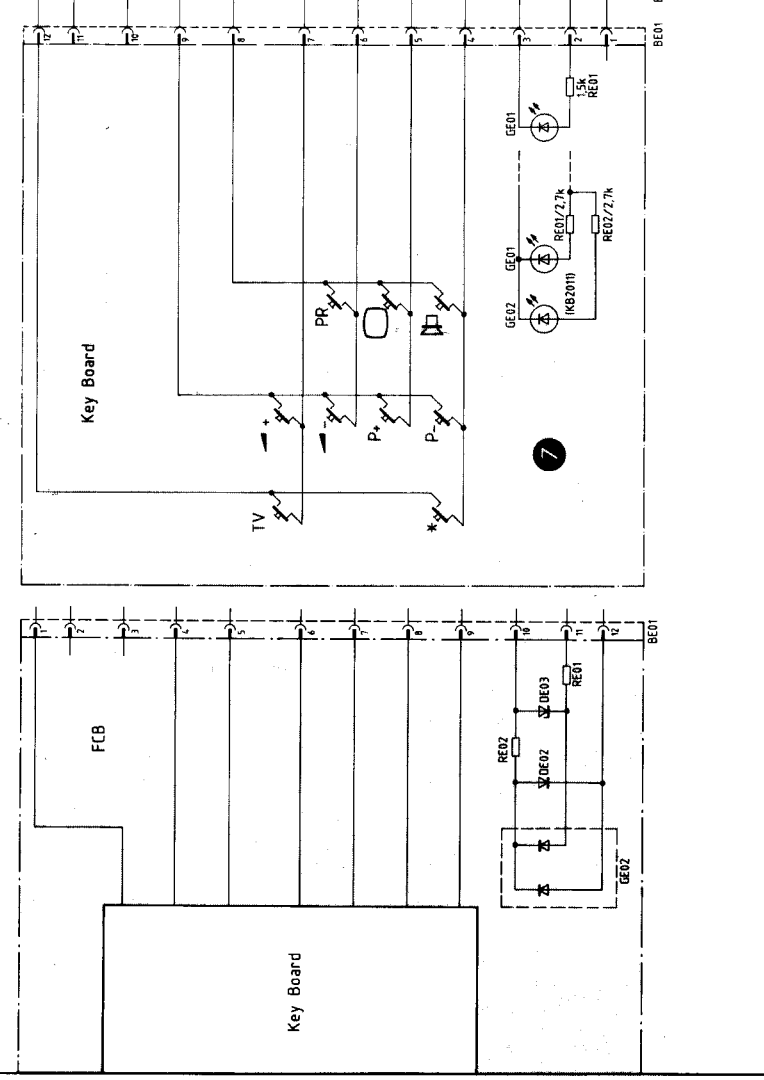
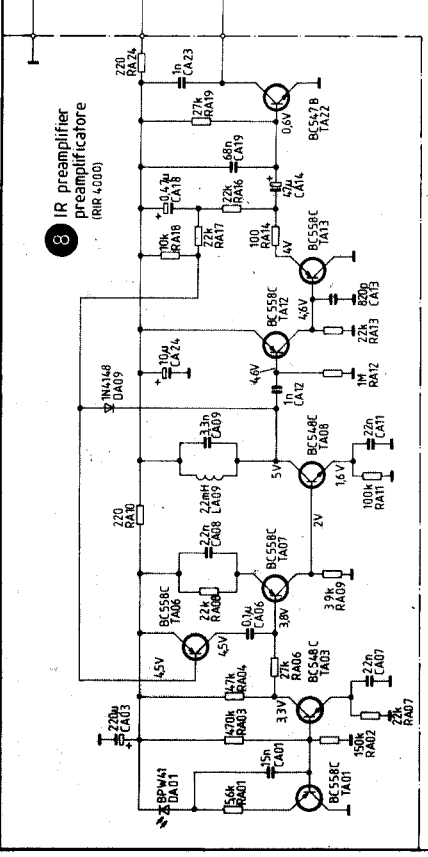
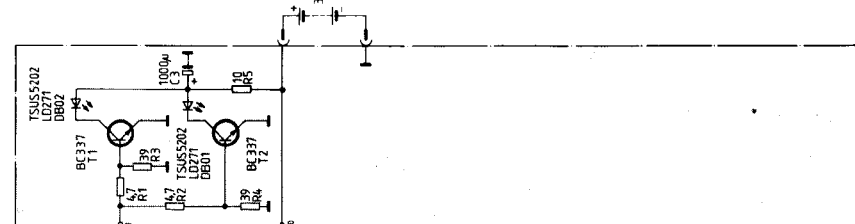
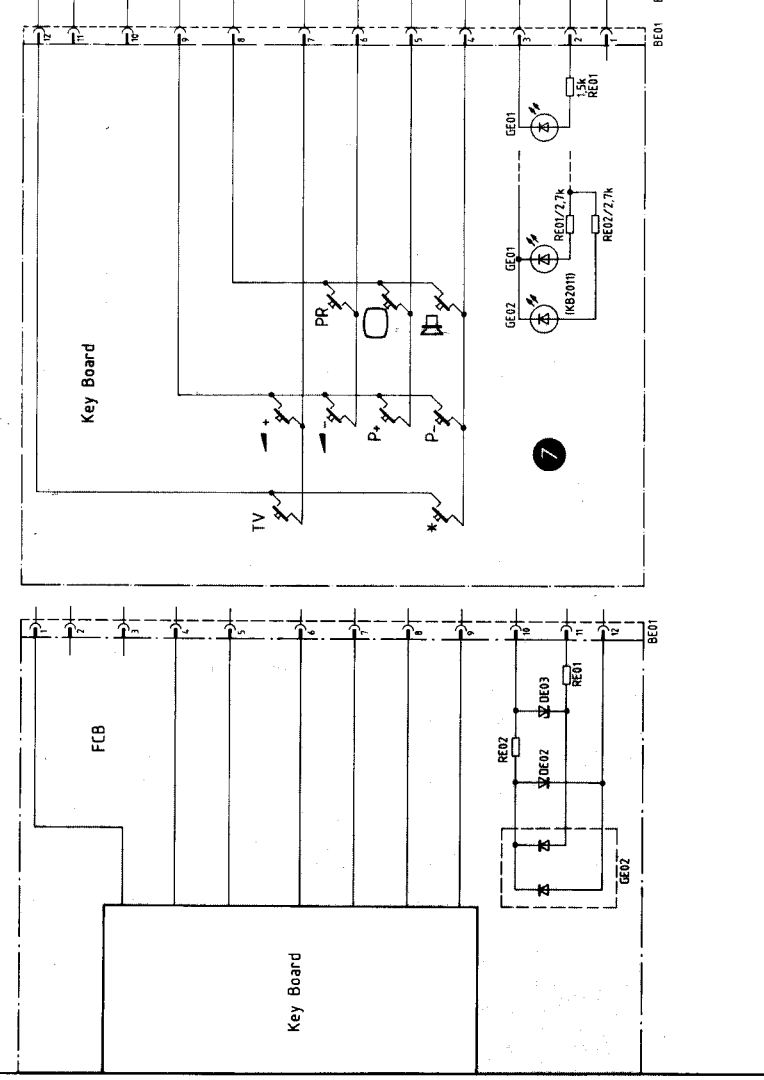
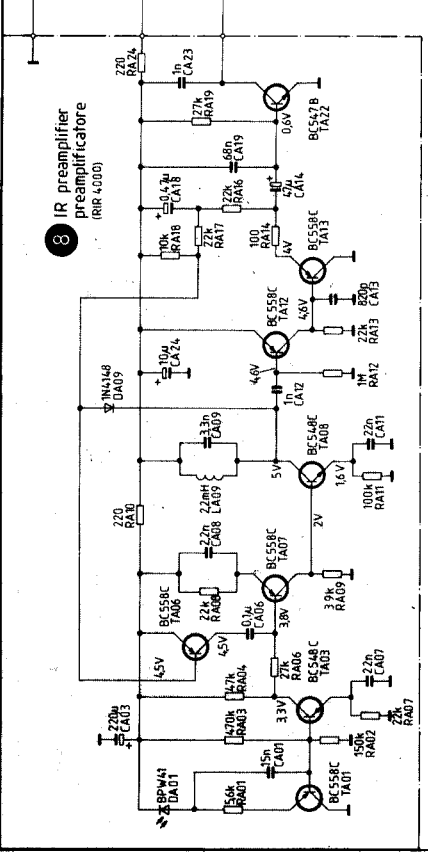
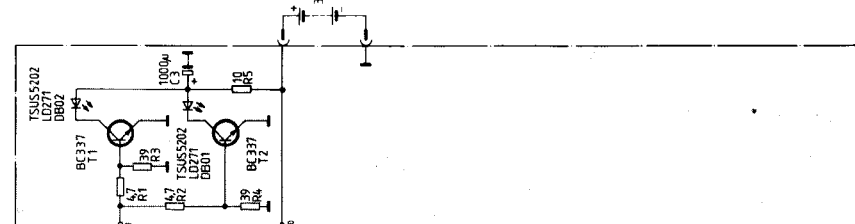
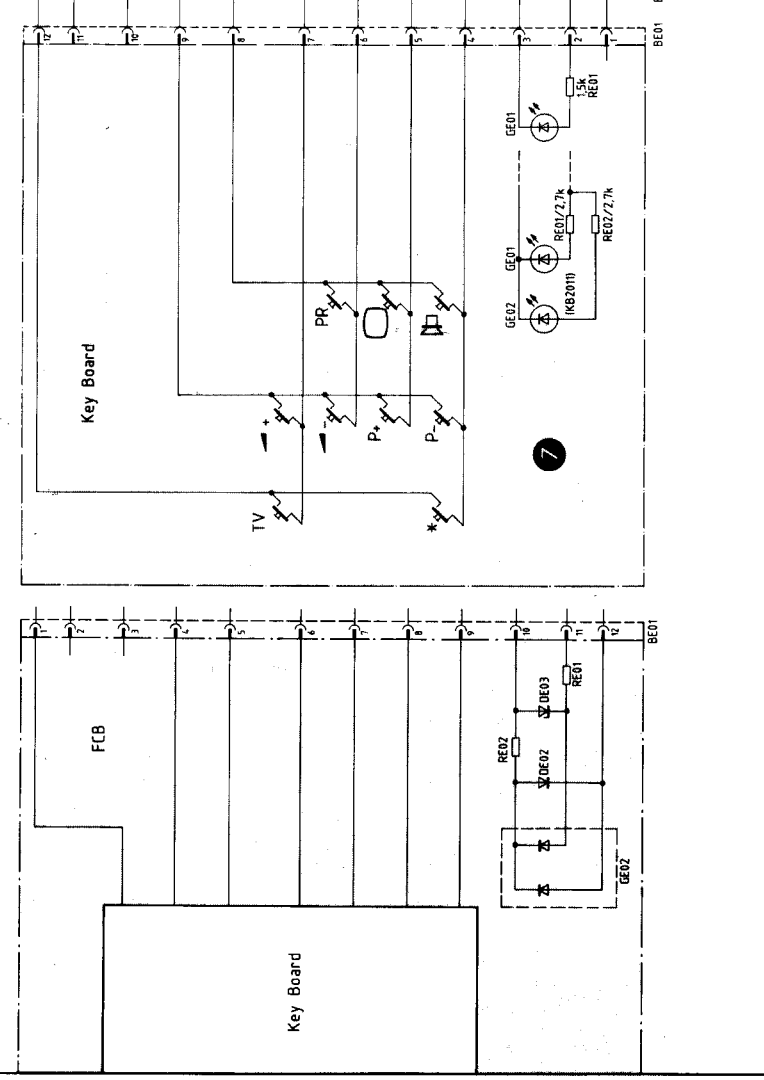
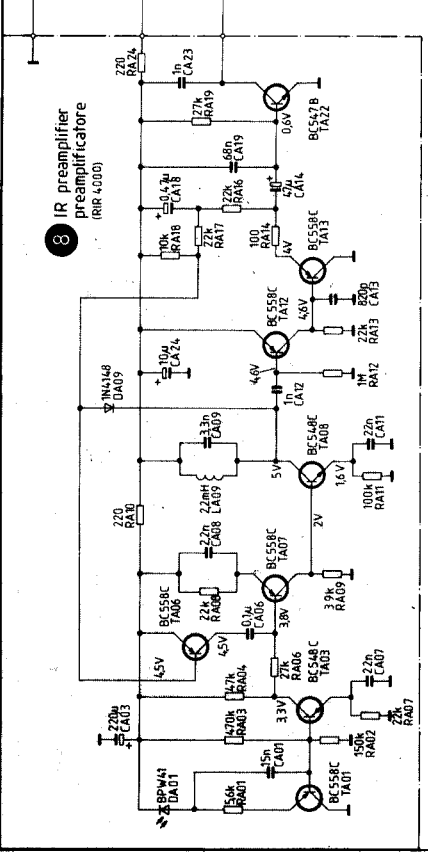
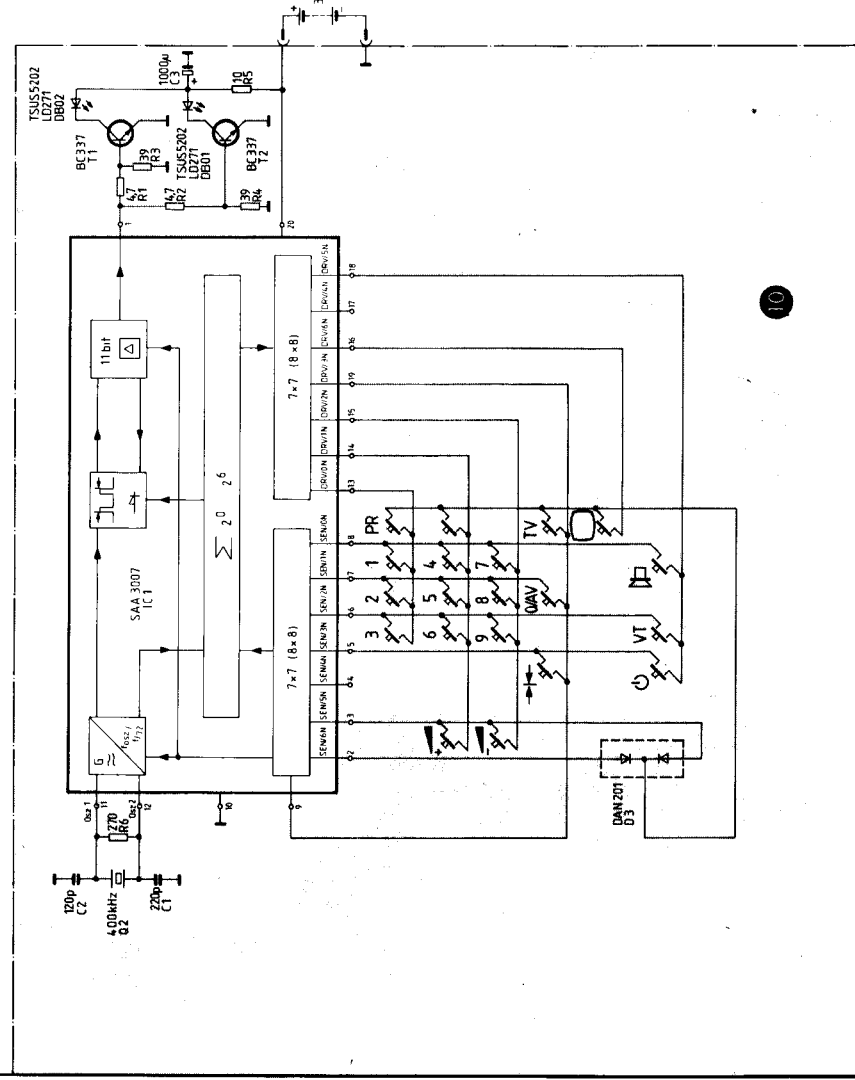
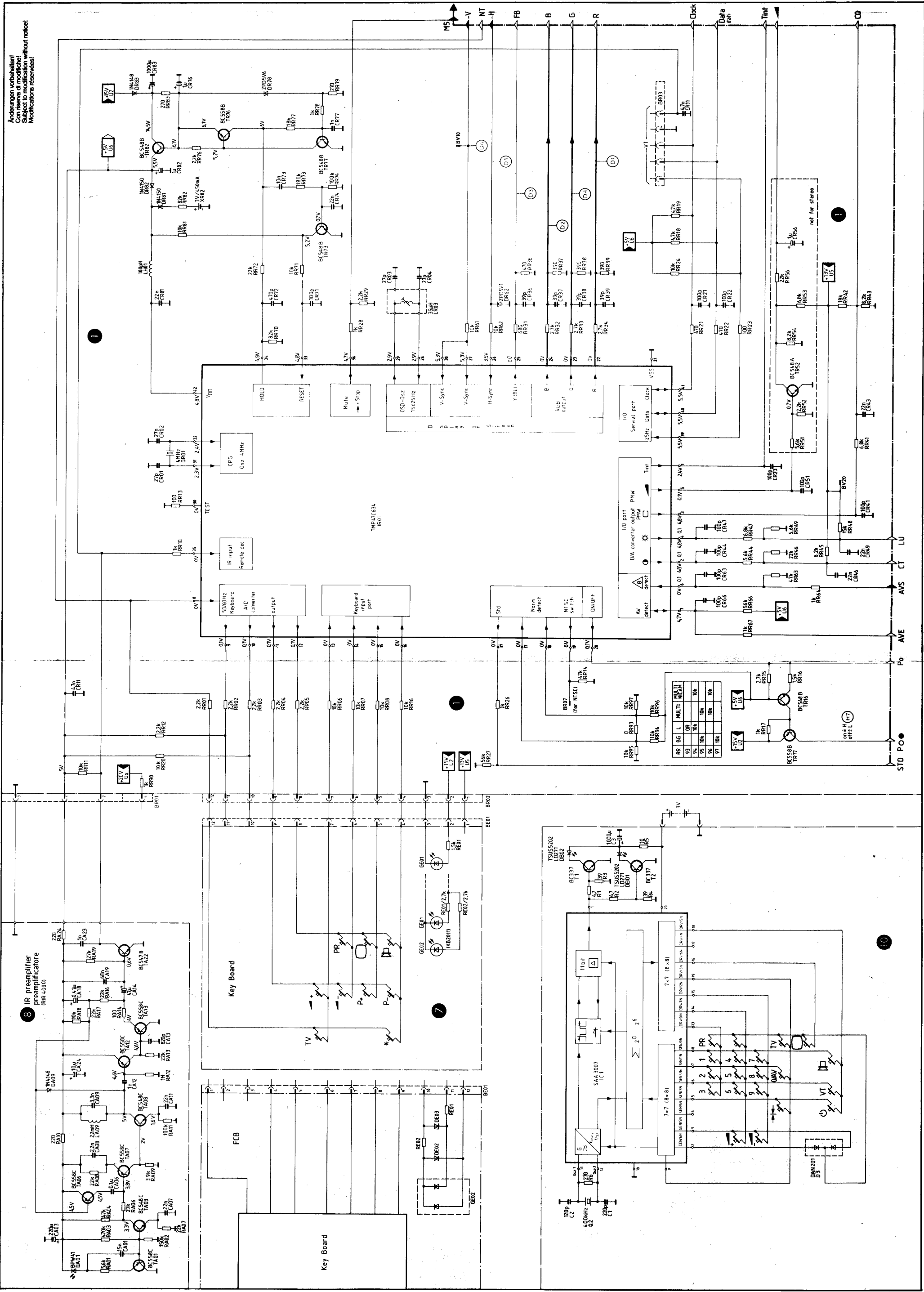
Änderungen vorbehalten!
 Subject to modification without notice!
 Modifications reserved!

1) MN Picture tube

IA55	US	N	Inserted	RA06
TDA2030	20V	5W	CA07/RA03	3N
TDA2030	30V	10W	CA17/RA11	—

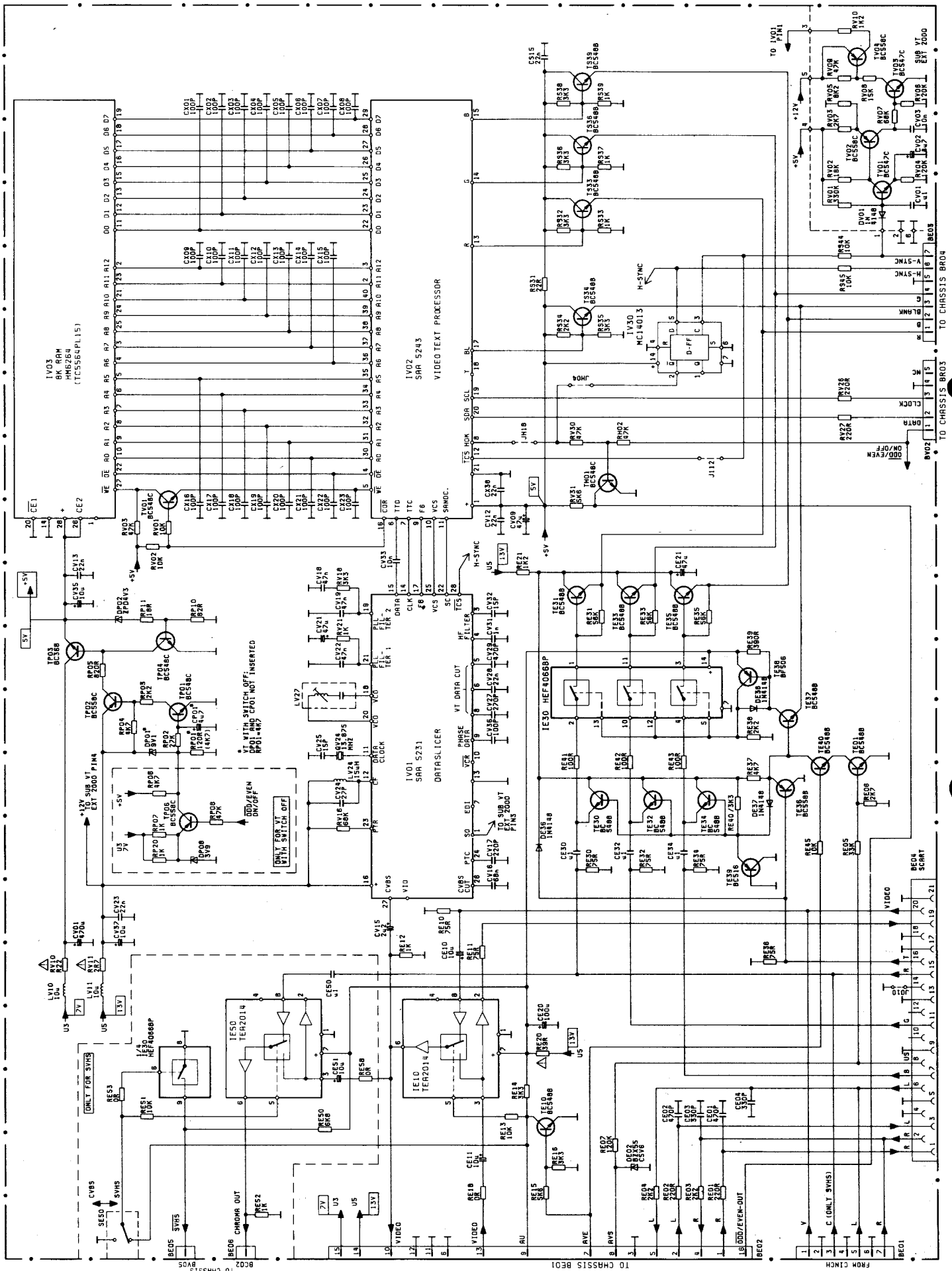
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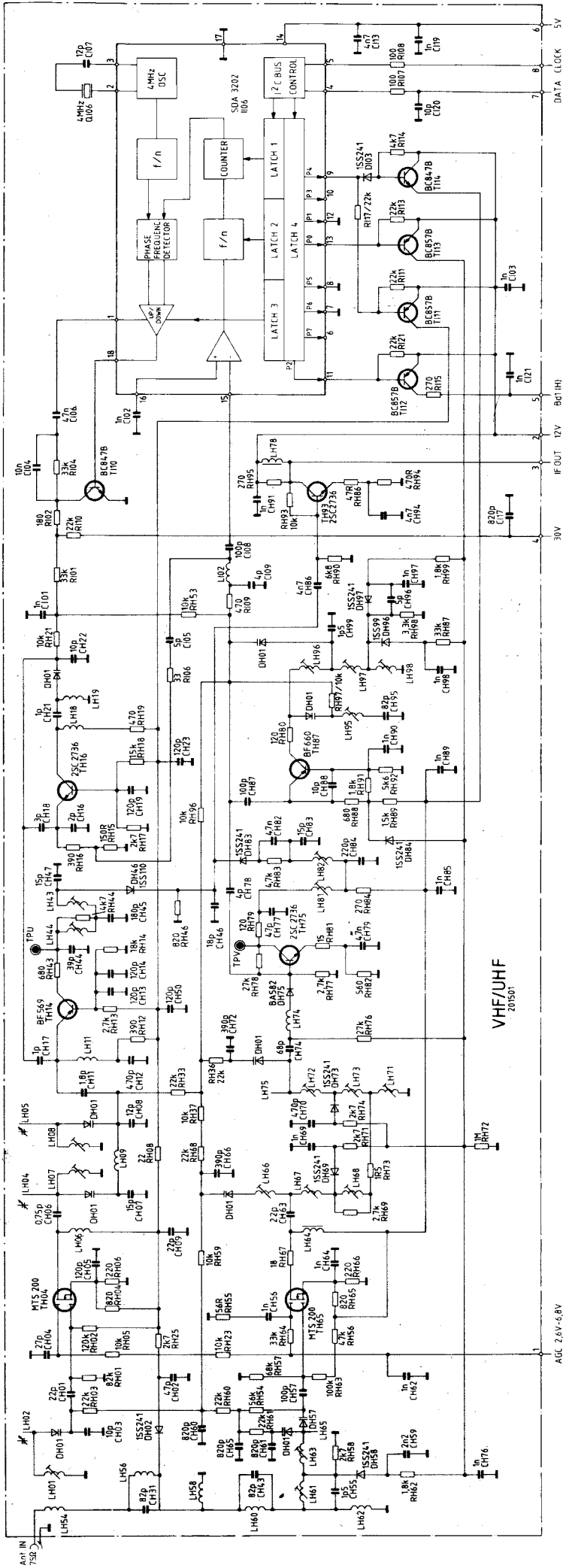
Perubahan-perubahan
 dan perbaikan
 Subject to modification without notice
 Modifications reserved!



Videotext-Decoder
 Teletext Decoder
 Décodeur Vidéotexte
 Decoder Televideo

DVT 2002 SVHS with SW OFF
 DVT 2012 SVHS
 DVT 2004 with SW OFF
 DVT 2014





Erläuterung der im Schaltbild verwendeten Symbole · Explanation of the symbols used in the circuit diagram
Spiegazioni dei simboli usati in questo schema · Légende des symboles utilisés dans le schéma de montage

Andragungen vorbehalten!
 con riserva di modifiche!
 Subject to modification without notice!
 Modifications réservées!

Utilizzazione futura allo studio

Europa-Normbuchse
 Presa per televisione
 European standard bush
 Per-television

Legend:

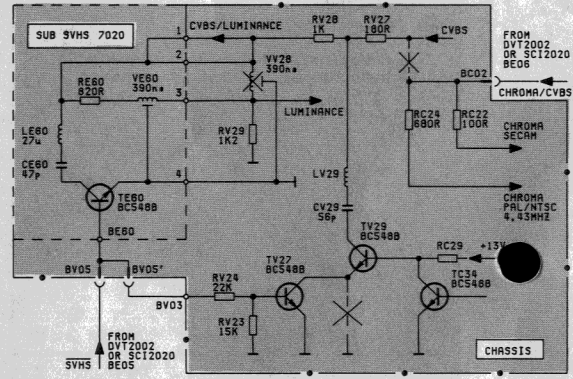
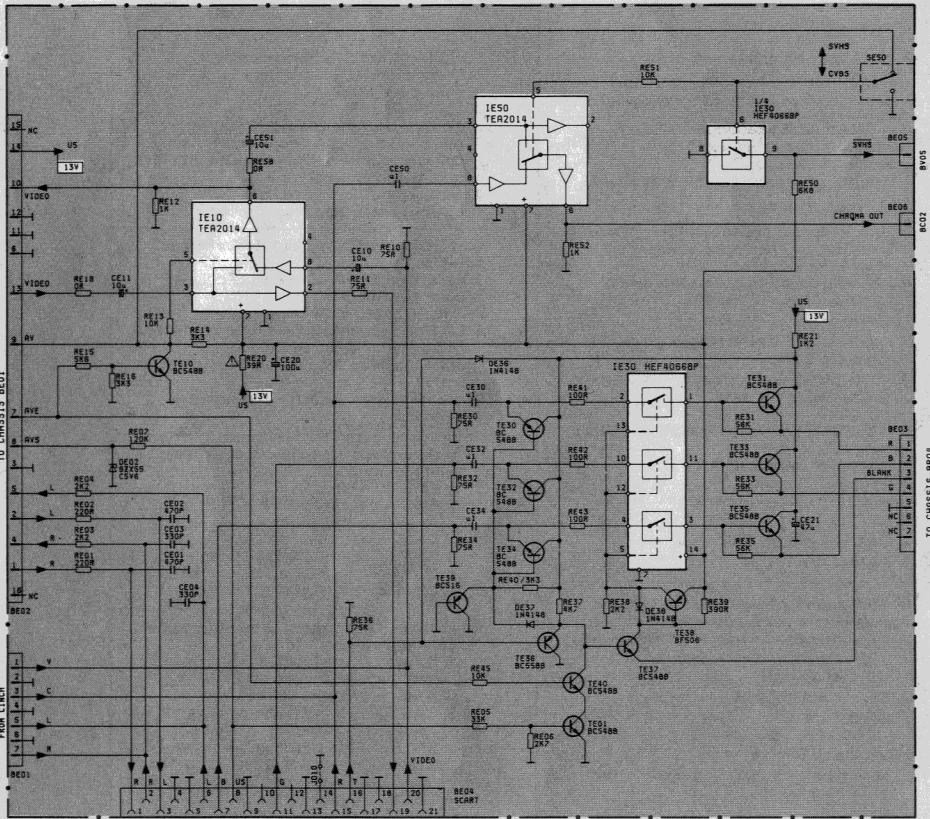
- = Farbe / Color
- = Kontrast / Contrast
- ⚡ = Höhen / Treble
- ⚡ = Bass / Graves
- ⚡ = Helligkeit / Luminosità
- ⚡ = Lautstärke / Volume
- ⚡ = Videotext / Videotext
- ⚡ = Ton-Stopp / Sound stop
- ⚡ = Mono / Stereo
- ⚡ = Balance / Bilanciamento
- ⚡ = Schutzschaltung / Safety circuit
- ⚡ = Sicherheitsbauteil / Safety part

Legend:

- ⚡ = Melipunkte auf den gedruckten Platten / punti di misura sulle piastre stampate
- ⚡ = Ton-Stopp / Sound pause
- ⚡ = Mono / Stereo
- ⚡ = Balance / Bilanciamento

Legend:

- ⚡ = Melipunkte auf den gedruckten Platten / punti di misura sulle piastre stampate
- ⚡ = Ton-Stopp / Sound pause
- ⚡ = Mono / Stereo
- ⚡ = Balance / Bilanciamento



Ausführung der Schaltung für Geräte mit SVHS-Eingang in Verbindung mit DVT 2002 oder SCI 2020

Scart Anschluß **SCI 2020**
Scart Interface