

G1396

# GRUNDIG SERVICE MANUAL



ⓓ Btx \* 32700 #

**WKC 1802 VD**  
**WKC 1802**



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ⓖⓑ

Bei Eingriffen Schutzmaßnahmen für MOS-Bausteine beachten!

N.B. When carrying out repairs, observe MOS precautions!

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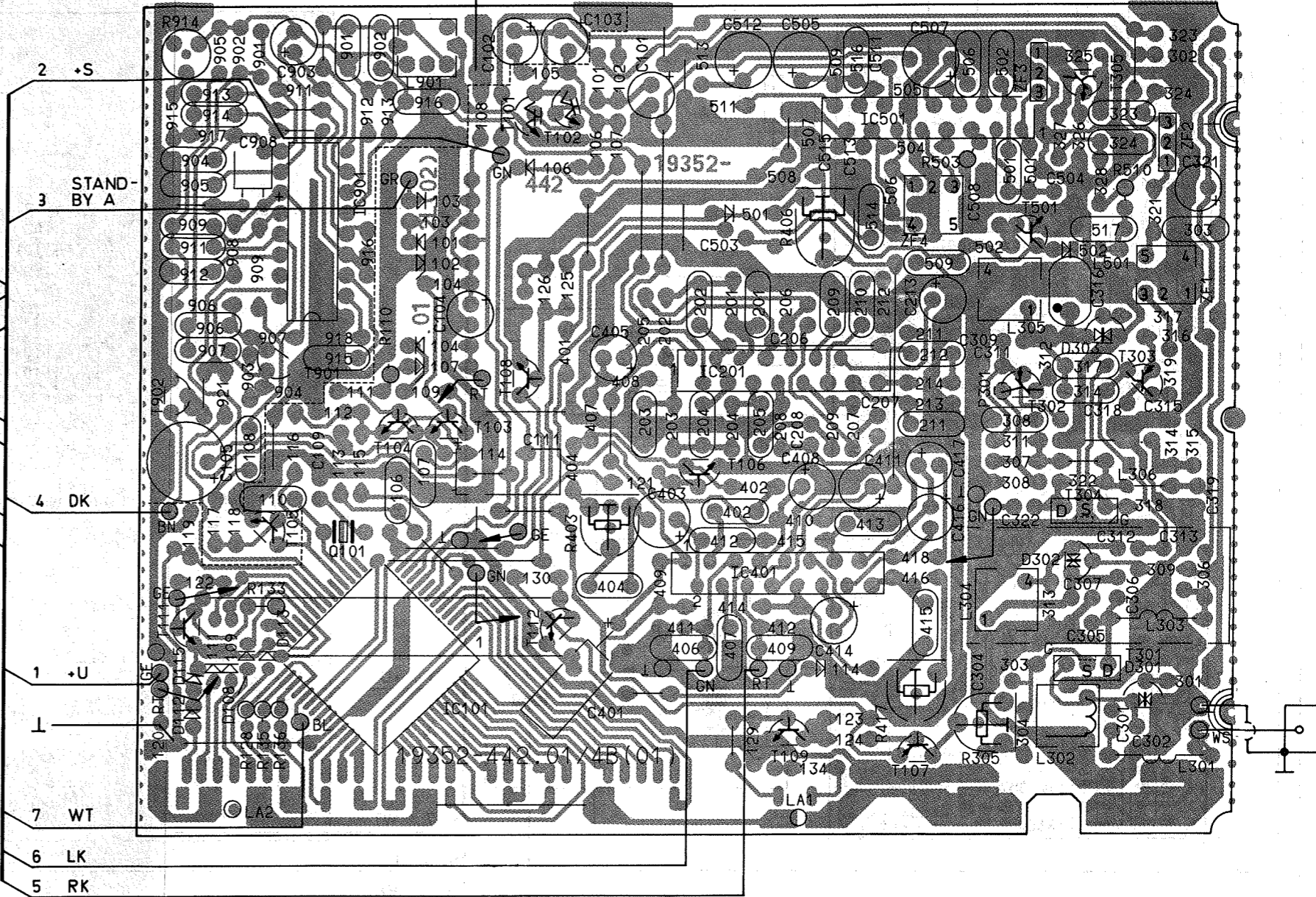
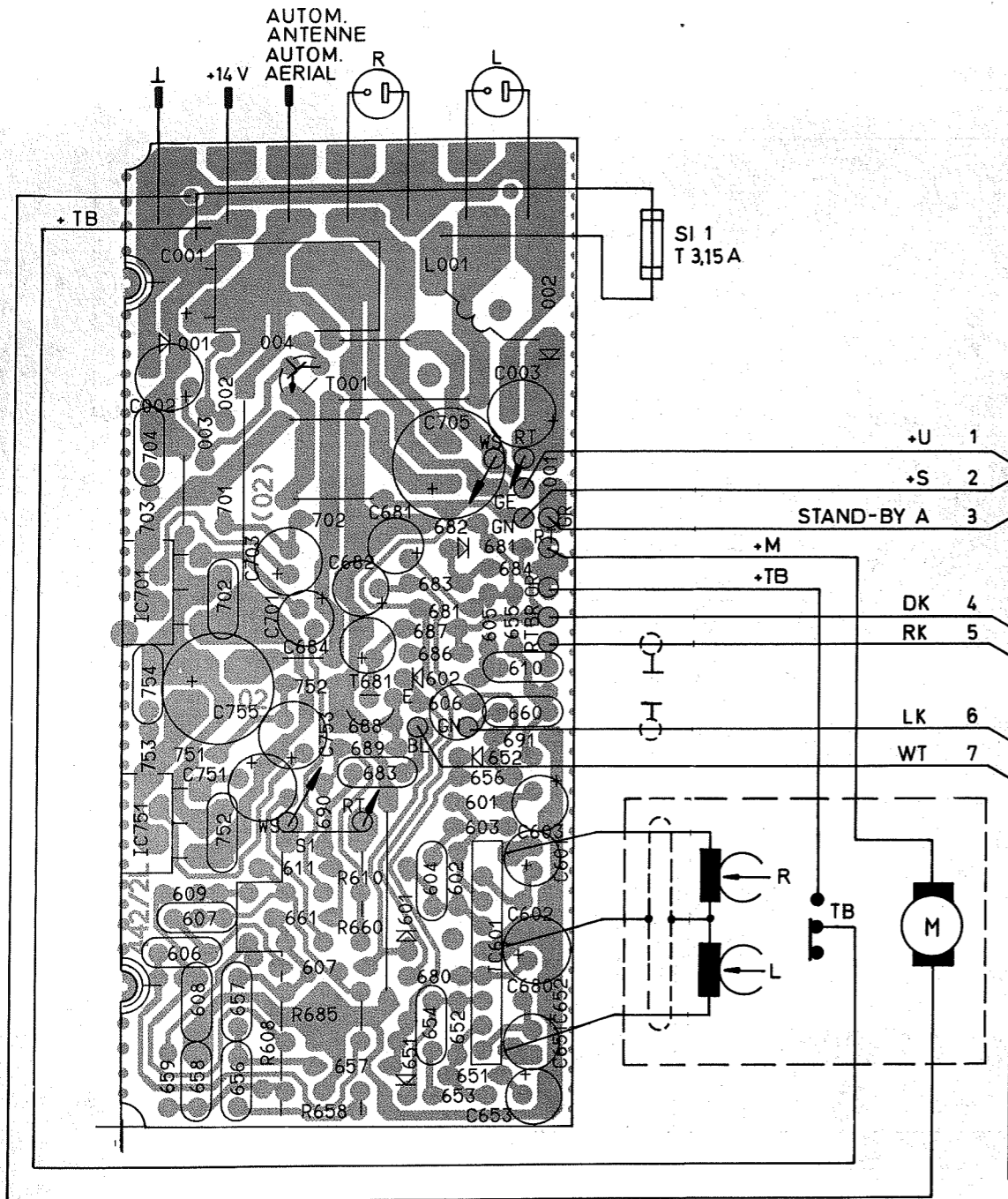
### Electrical Section

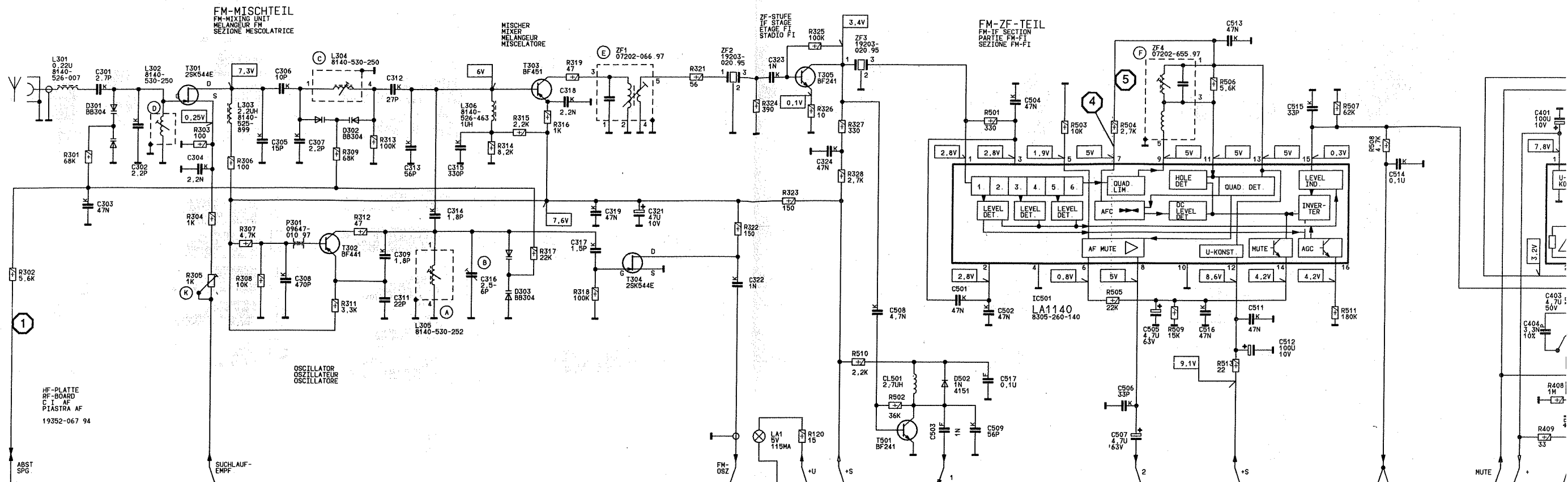
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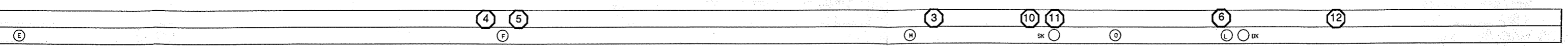
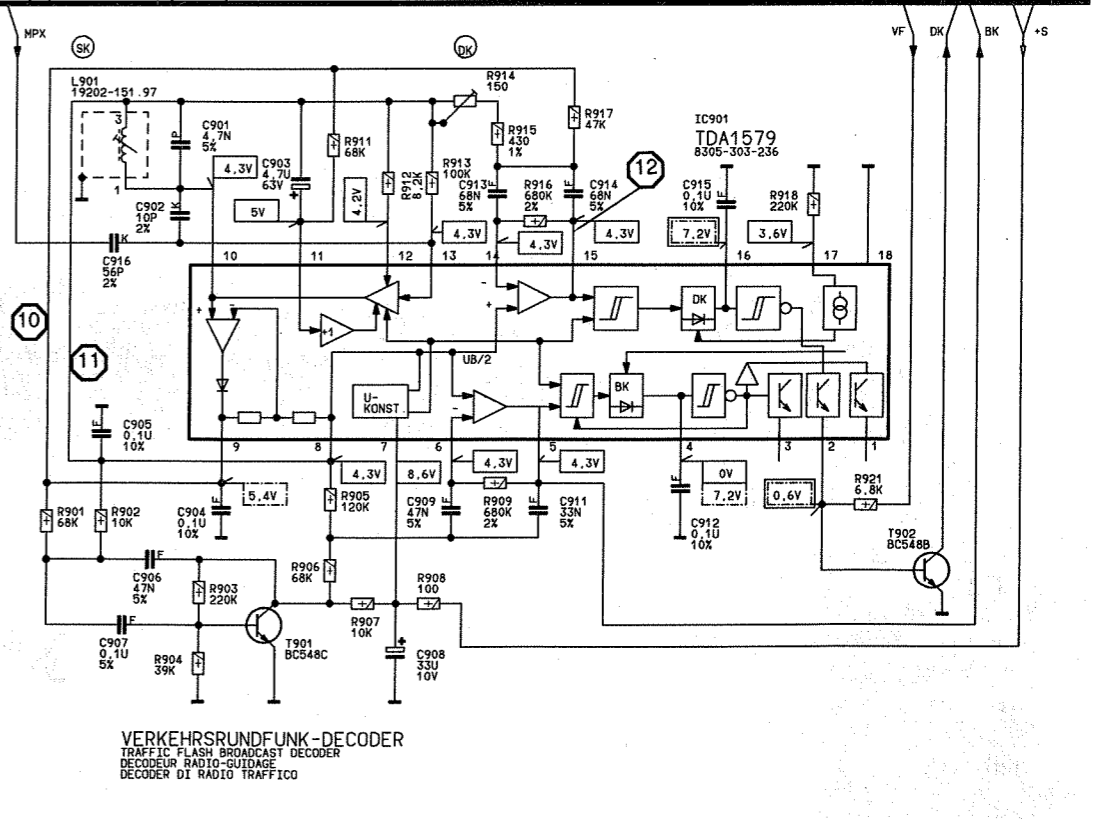
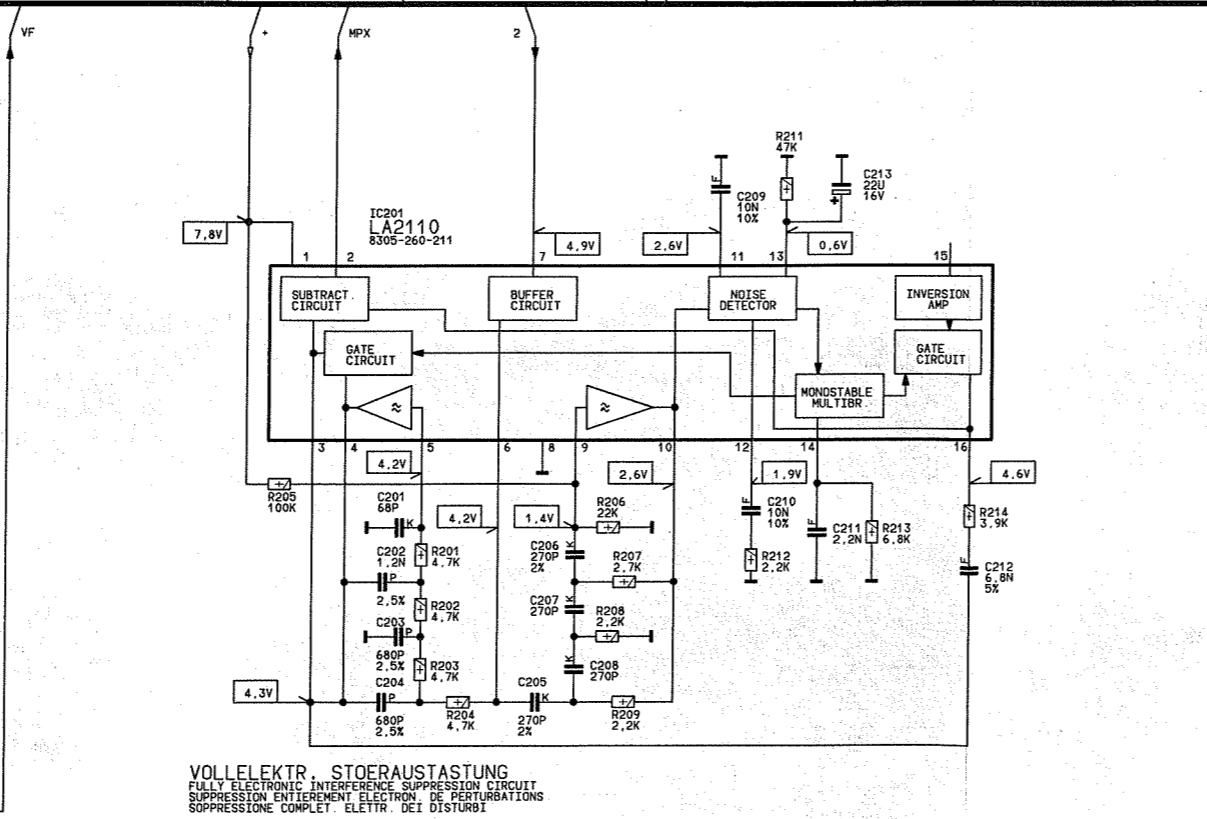
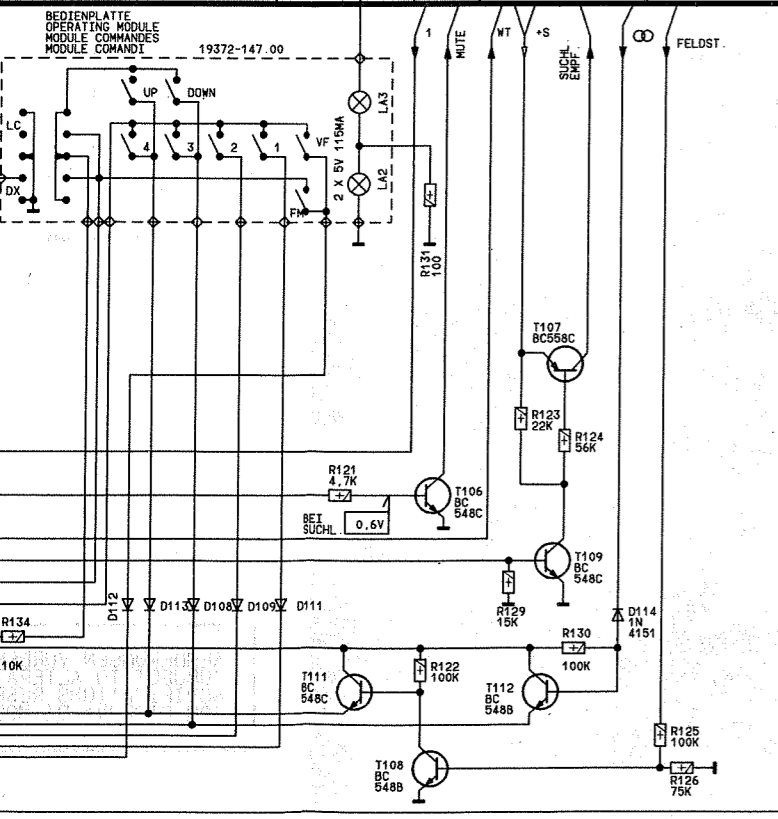
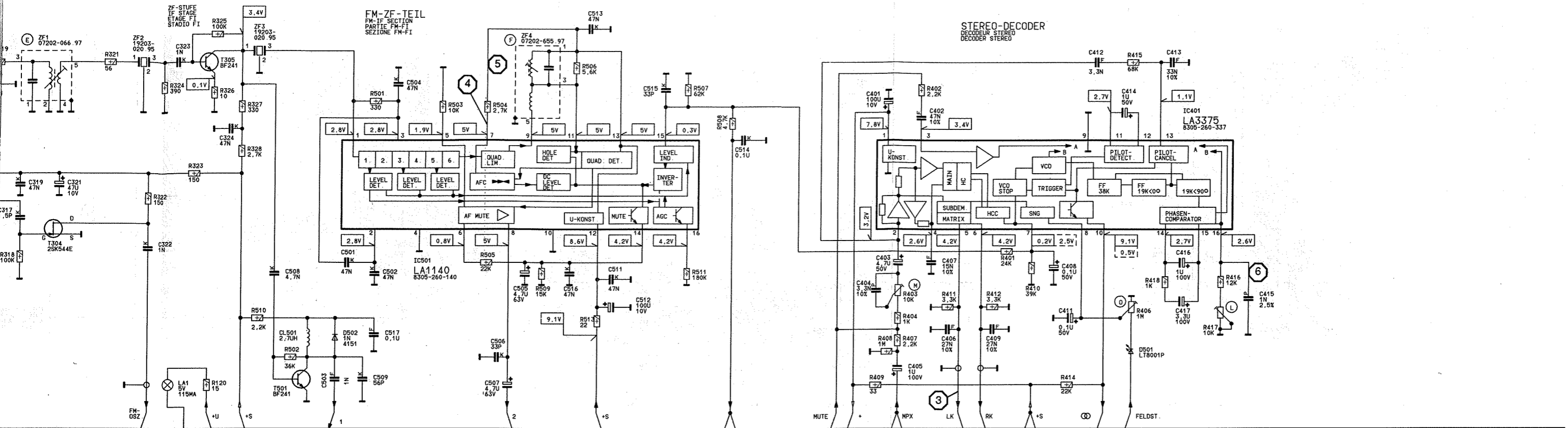


WKC 1802 VD

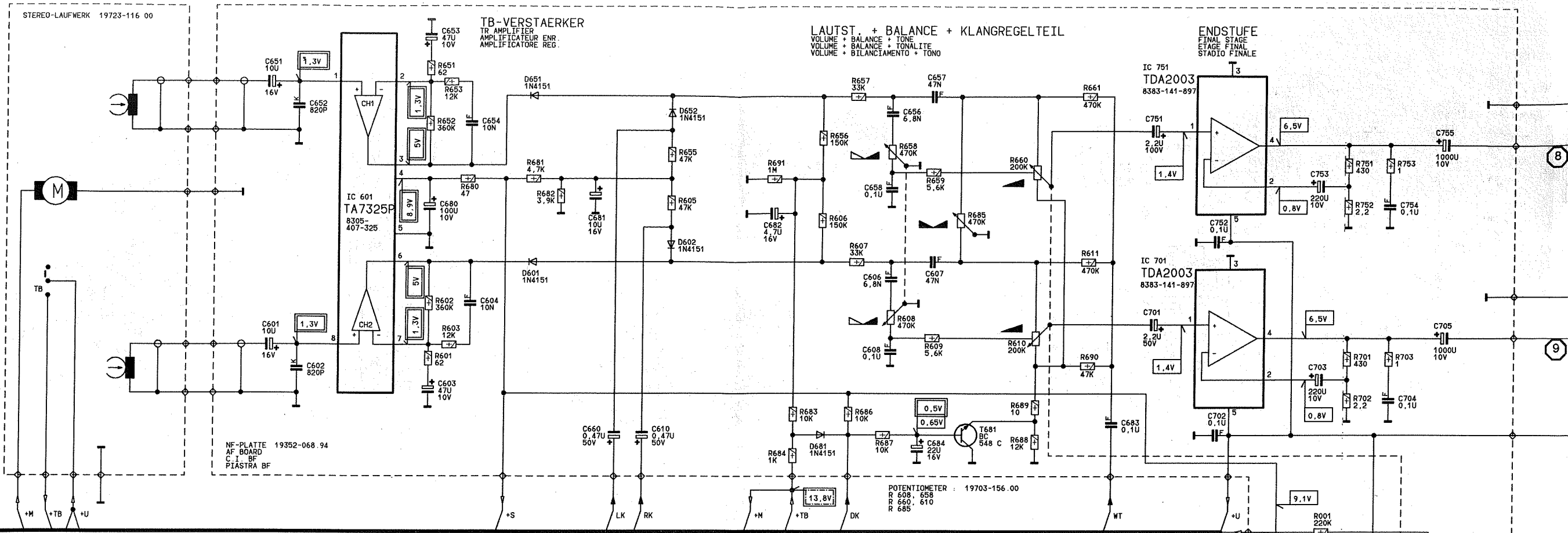
AUTOM.  
ANTENNE  
AUTOM.  
AERIAL





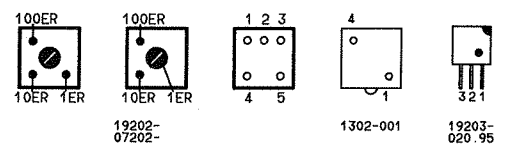
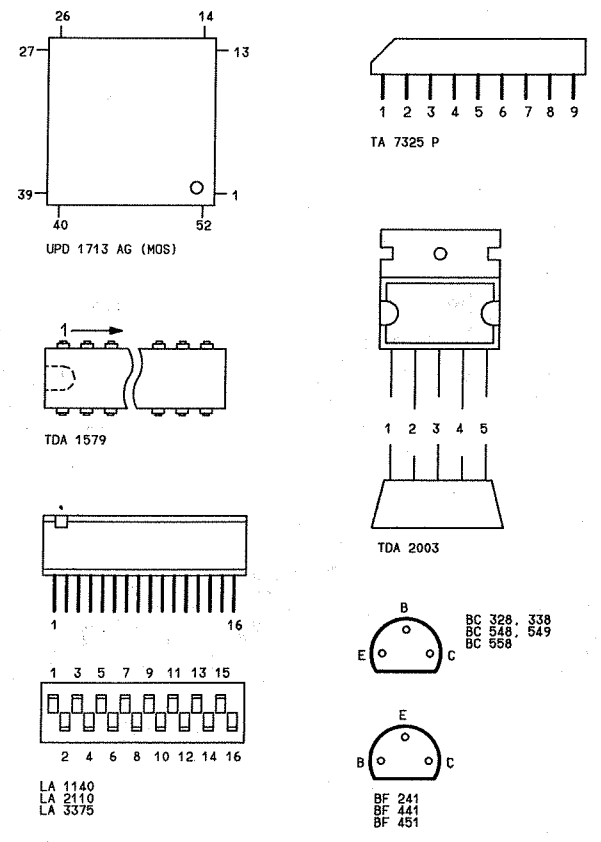


**GRUNDIG**  
**WKC 1802 VD**  
**BL.1**



- WIDERSTAND/RESISTOR  
RESISTANCE/RESISTENZA
- KSW 0204 DIN
  - MSW 0204 DIN
  - KSW 0207 DIN
  - MSW 0207 DIN
  - KSW 0309 DIN
  - KSW 0411 DIN
  - KSW 0617 DIN
  - MSW 0309 DIN
  - NTC
  - DRAHT WIRE BOBINÉE A FILO
  - METALLOXYDSCHICHT METAL OXIDE A OXYDE METALLIQUE AD OSSIDO METALLICO
  - RAUSCHARM LOW NOISE A SOUFFLE REDUIT A BASSO RUMORE
  - SCHWER ENTLAMMBAR LOW FLAMMABILITY PEU INFLAMMABLE A BASSA INFLAMMABILITÀ
  - SICHERUNGSWIDERSTAND SAFETY RESISTOR FUSIBILE DI SICUREZZA

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CONDENSATEUR/CONDENSATORE
- ELKO ELECTROLYTIC ELETTROLITICO
  - TANTAL ELKO TANTALUM ELECTROLYTIC ELETTROLITICO AL TANTALIO
  - FOLIE FOIL A FEUILLE A FOGLIA
  - KERAMIK CERAMIC A CERAMICA
  - GLIMMER MICA AU MICA A MICA
  - VIELSCHICHT MULTILAYER A COUCHES MULTIPLES A PIU' STRATI
  - POLYPROPYLEN (KS-KP)



FARBKENNZEICHNUNG VON FILTERN  
COLOUR CODE FOR FILTERS  
REPERAGE EN COULEUR DES FILTRES  
CONTRASSEGNO COLORATO SUI FILTRI

ACHTUNG!  
VORSCHRIFTEN BEIM UMGANG MIT MOS-BAUTEILEN BEACHTEN!  
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WELLENBEREICHE: FM 87,5...108,0 MHz  
WAVEBANDS: GAMMES D'ONDES: GAMME D'ONDA:

- GLEICHSPANNUNG DC-VOLTAGE TENSION CONTINUE TENSION CONTINUA
- WECHSELSPANNUNG AC-VOLTAGE TENSION ALTERNATIVE TENSIONE ALTERNATA
- REGELSPANNUNG CONTROL VOLTAGE TENSION DE REGLAGE TENSIONE DI CONTROLLO
- ABSTIMMSPANNUNG TUNING VOLTAGE TENSION DE SYNTONISATION TENSIONE DI SINTONIA
- SCHALTSPANNUNG SWITCHING VOLTAGE TENSION DE COMMUTATION TENSIONE DI COMMUTAZIONE

ALLE SPANNUNGEN GEMESSEN BEI U<sub>B</sub> = 14V GEGEN MINUS  
ALL VOLTAGES MEASURED AT U<sub>B</sub> = 14V WITH RESPECT TO NEGATIVE  
TOUTES LES TENSIONS SONT MESUREES POUR U<sub>B</sub> = 14V AU MOINS  
TUTTE LE TENSIONI MISURATE CON U<sub>B</sub> = 14V VERSO IL NEGATIVO

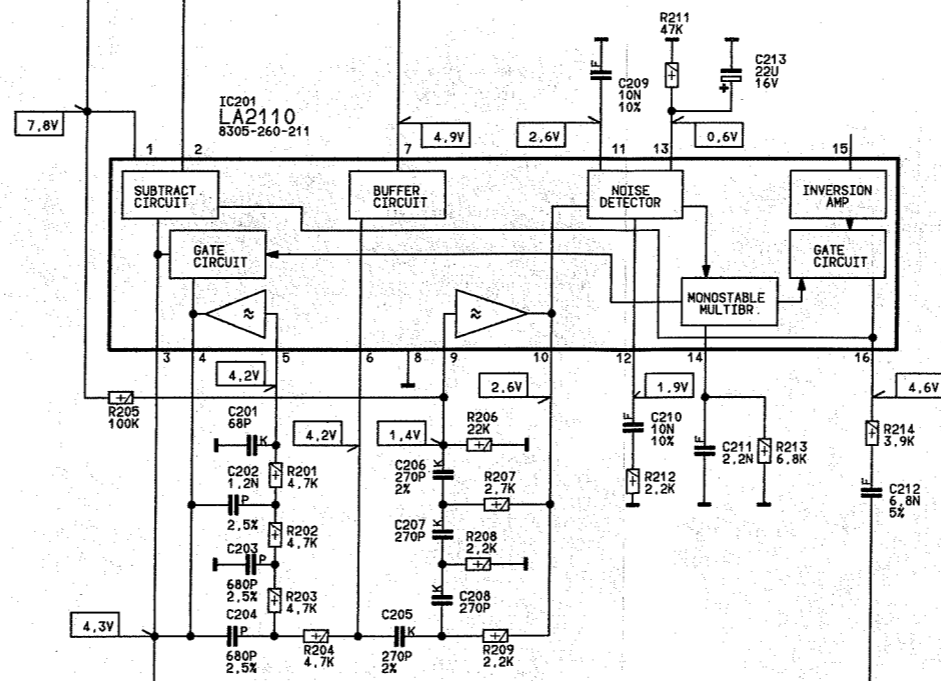
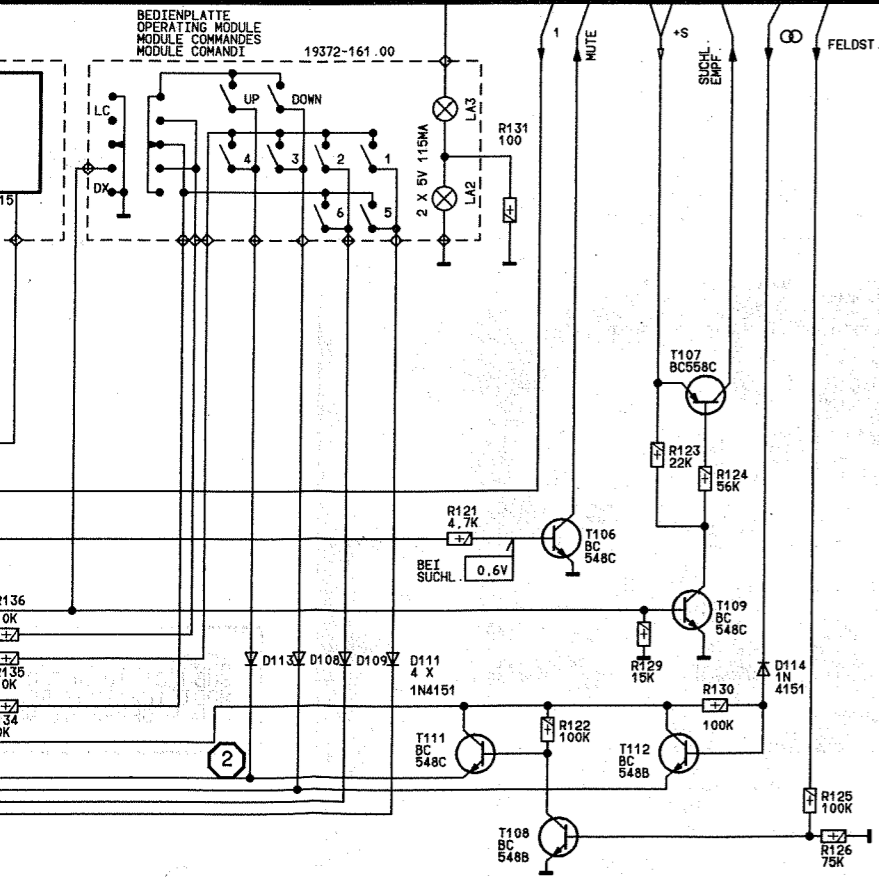
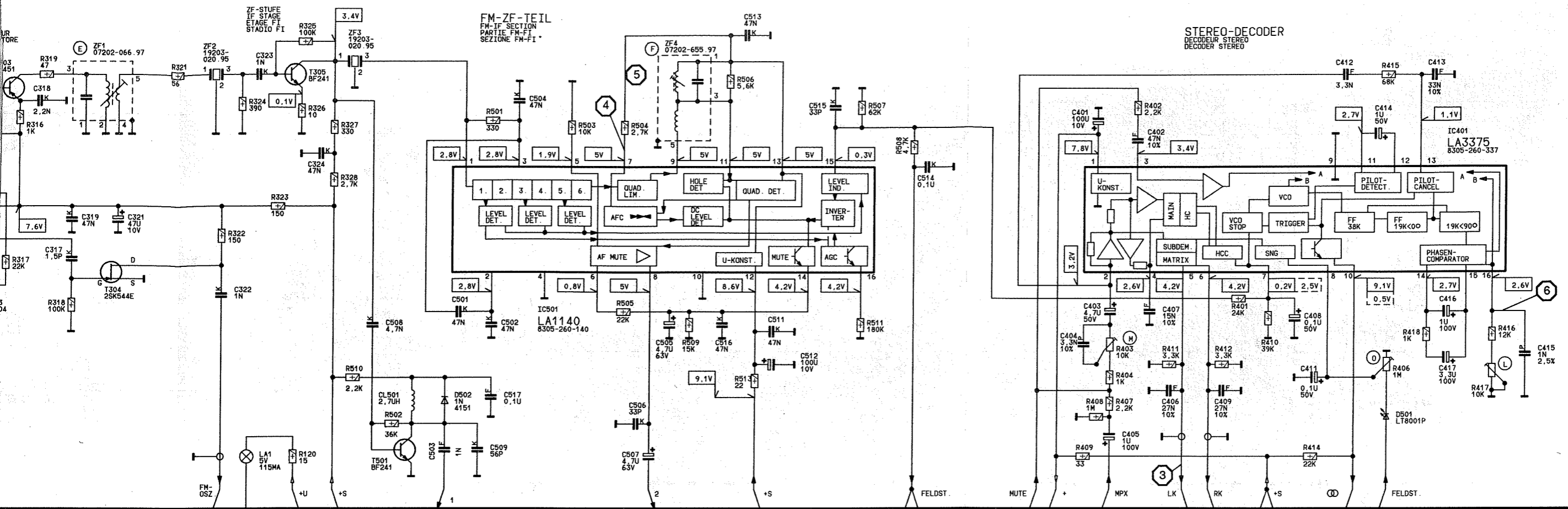
- OHNE SIGNAL: U WITHOUT SIGNAL: U SANS SIGNAL: U SENZA SEGNALE: U
- MIT SIGNAL (>100UV BEI FM-STEREO) WITH SIGNAL (>100UV AT FM STEREO) AVEC SIGNAL (>100UV A FM STEREO) CON SEGNALE (>100UV CON FM STEREO)
- MIT SIGNAL: U (VF) MIT BEREICHSKENNUNG UND SENDERKENNUNG WITH SIGNAL: U (TRAFFIC RADIO) WITH AREA AND STATION DETECTION AVEC SIGNAL: U (RADIO-GUIDAGE) AVEC REPERAGE DE ZONE, D'EMETTEUR ET DE MESSAGE CON SEGNALE: U (VF) CON IDENTIFICAZIONE ZONA, IDENTIFICAZIONE STAZIONE ED IDENTIFICAZIONE COMUNICATO
- OHNE SIGNAL: TB WITHOUT SIGNAL: TR SANS SIGNAL: ENR SENZA SEGNALE: REG

MESSPUNKTE  
MEASURING POINTS  
ABGLEICHPUNKTE  
ALIGNMENT POINTS







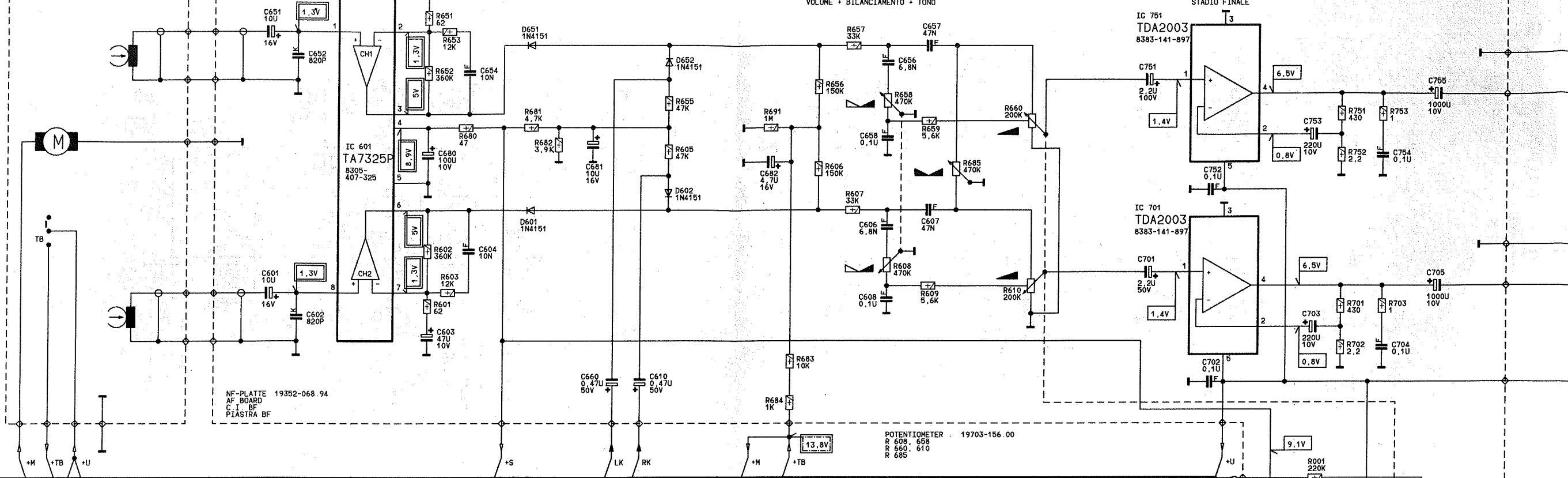


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**TB-VERSTÄRKER**  
TR AMPLIFIER  
AMPLIFICATEUR ENR.  
AMPLIFICATORE REG.

**LAUTST. + BALANCE + KLANGREGELTEIL**  
VOLUME + BALANCE + TONE  
VOLUME + BALANCE + TONALITE  
VOLUME + BILANCIAMENTO + TONO

**ENDSTUFE**  
FINAL STAGE  
ETAGE FINALE  
STADIO FINALE

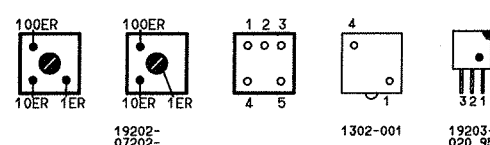
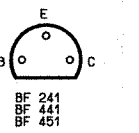
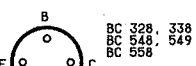
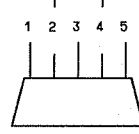
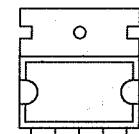
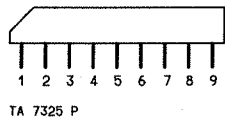
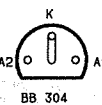
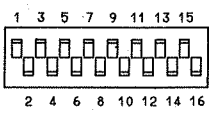
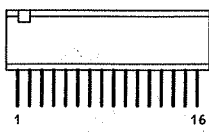
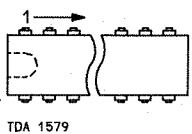
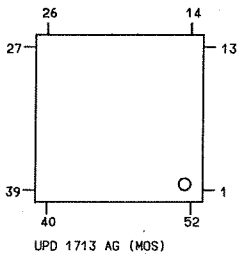


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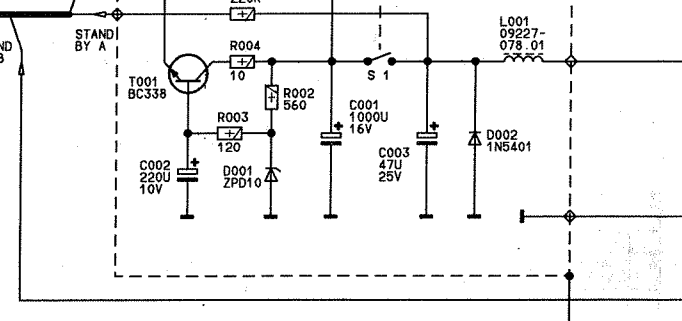


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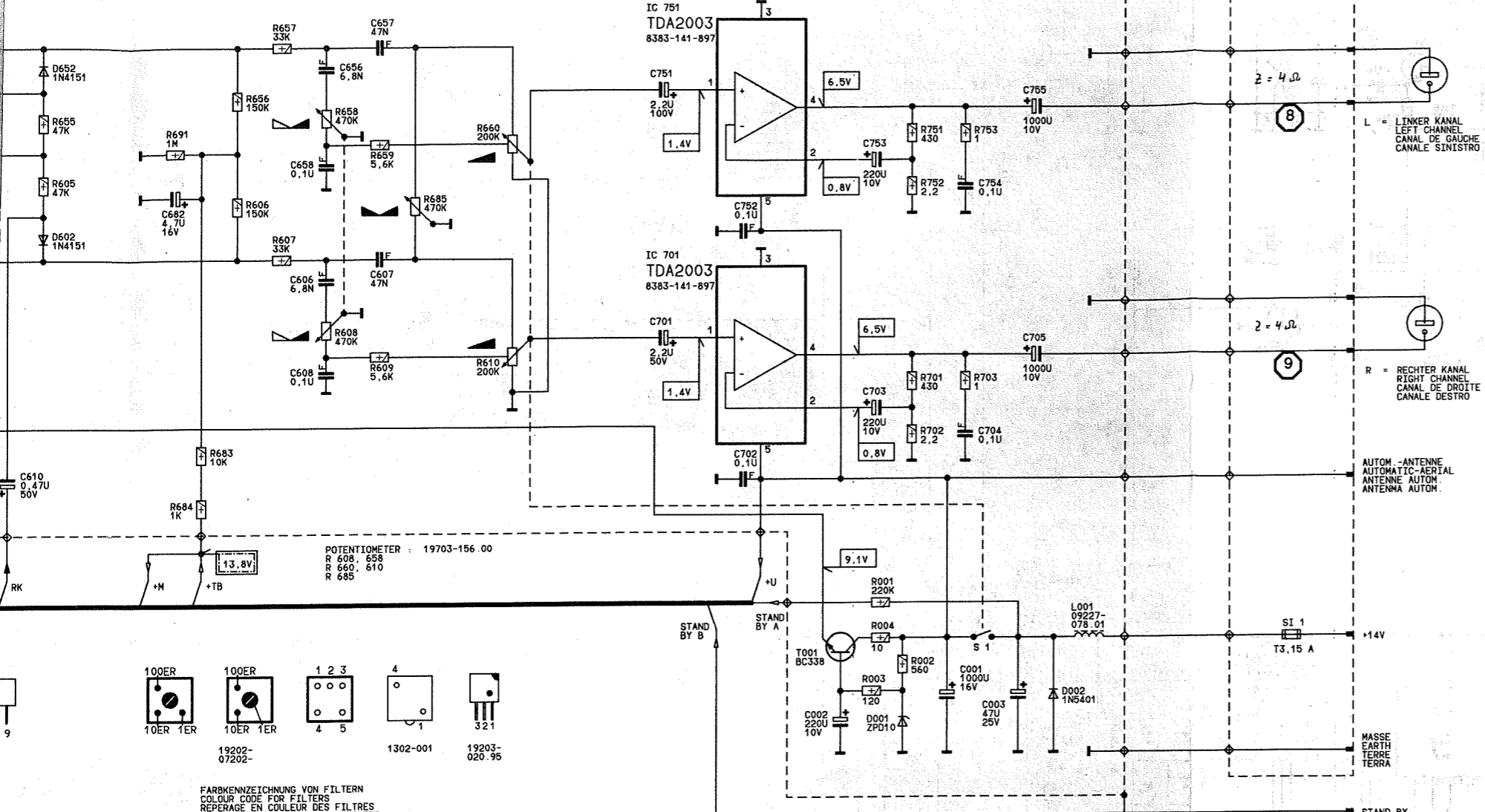
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**ABGLEICHPUNKTE**  
ALIGNMENT POINTS

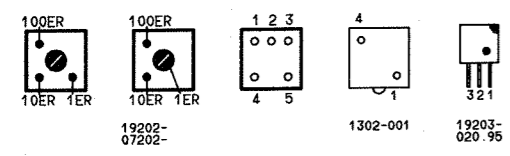
**LAUTST. + BALANCE + KLANGREGELTEIL**  
 VOLUME + BALANCE + TONE  
 VOLUME + BALANCE + TONALITE  
 VOLUME + BILANCIAMENTO + TONO

**ENDSTUFE**  
 FINAL STAGE  
 ETAGE FINALE  
 STADIO FINALE



- VERST. ALLG. AMP. GENERAL AMP. ORD. AMP. COMUNE
- TIEFPASSVERST. LOW-PASS-AMP. AMPLIF. PASSE-BAS. AMPLIF. PASSA-BASSO
- HOHPASSVERST. HIGH-PASS-AMP. AMPLIF. PASSE-HAUT. AMP. PASSA-ALTO
- GEREGELTER VERST. CONTR. AMPLIFIER. AMP. CONTR. AMP.
- DIFFERENZ-VERST. DIFFERENCE AMPLIFIER. AMPLIFICATEUR DIFFERENCIATEUR. AMPLIFICATORE DIFFERENZIALE
- STEUERBARER VERST. CONTROLLABLE AMPLIFIER. AMPLIFICATEUR REGLABLE. AMPLIFICATORE PILOTABILE
- SCHMITTRIGGER. SCHMITT-TRIGGER. TRIGGER DE SCHMITT. CIRC. DI SGANCIO DI SCHMITT
- ELECTR. SCHALTER. ELECTR. SWITCH. COMMUTEUR ELECTR. COMMUTAZIONE ELETTR.
- MISCHER-VERST. MIXER-AMPL. MELANGEUR AMP. MISCELATRICE AMP.
- DEMODULATOR. DEMODULATOR. COMMUTEUR ELECTR. COMMUTAZIONE ELETTR.
- TEILER. DIVIDER. DIVISEUR. PARTITORE
- MISCHER. MIXER. MELANGEUR. MISCELATRICE
- DURCHSAGEKENNUNG DEMOD. ROAD FLASH DETECTION DEMOD. IDENTIFICAZIONE COMUN. DEMOD.
- BEREICHSKENNUNG DEMOD. AREA FLASH DETECTION DEMOD. REPERAGE DE ZONE DEMOD. IDENTIFICAZIONE ZONA DEMOD.
- BANDSPERRE. BAND-STOP FILTER. FILTRE COUPE-BANDE. FILTRO A SOPPRESSIONE DI BANDA
- BANDPASS. BAND PASS. FILTRE PASSE-BANDE. FILTRO PASSA-BANDA
- SCHWELLVERT-SCHALTER. THRESHOLD VALUE SWITCH. COMMUTEUR VALEUR SEUIL. COMMUTATORE DEL VALORE DI SOGLIA
- STELLER. CONTROL. REGULATEUR. REGULATORE
- INDIC. INDIKATOR. INDICATOR. INDICATEUR. INDICATORE
- WIND. DISCR. FENSTER-DISKRIMINATOR. WINDOW DISCRIMINATOR. DISCRIMINATEUR A FENETRE. DISCRIMINATORE A FINESTRA
- OSC. GEREGELTER OSZILLATOR. CONTROLLED OSCILLATOR. OSC. REGLE. OSC. CONTR.
- REGELSPANNUNGS-VERST. CONTROL VOLTAGE-AMP. TENSION DE REGLAGE AMP. TENSIONE DI CONTROLLO AMP.
- KONSTANTSPANNUNG. CONSTANT VOLTAGE. TENSION CONSTANTE. TENSIONE COSTANTE
- KONSTANTSTROM. CONSTANT CURRENT. COURANT CONSTANT. CORRENTE COSTANTE
- ADDERSTUFE. ADDING STAGE. ETAGE D'ADDITION. STADIO ADDIZIONATORE
- STROMQUELLE. POWER SOURCE. SOURCE DE COURANT. SORGENTE DI CORRENTE
- TREIBER. DRIVER. DRIVER. ECITVATORE

POTENTIOMETER : 19703-156.00  
 R 608, 658  
 R 660, 610  
 R 685



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 REPERAGE EN COULEUR DES FILTRES  
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 GAMME D'ONDES: FM

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 CON SEGNALE : U (VF) CON IDENTIFICAZIONE ZONA E IDENTIFICAZIONE STAZIONE
- MIT SIGNAL : U (VF) MIT BEREICHSKENNUNG UND SENDERKENNUNG UND DURCHSAGEKENNUNG  
 WITH SIGNAL : U (TRAFFIC RADIO) WITH AREA, STATION AND ROAD FLASH DETECTION  
 AVEC SIGNAL : U (RADIO-GUIDAGE) AVEC REPERAGE DE ZONE, D'EMETTEUR ET DE MESSAGE  
 CON SEGNALE : U (VF) CON IDENTIFICAZIONE ZONA, IDENTIFICAZIONE STAZIONE ED IDENTIFICAZIONE COMUNICATO
- OHNE SIGNAL : TR  
 WITHOUT SIGNAL : TR  
 SANS SIGNAL : TR  
 SENZA SEGNALE : REG

ÄNDERUNGEN VORBEHALTEN  
 SUBJECT TO ALTERATION  
 MODIFICATIONS RESERVEES  
 CON RISERVA DI MODIFICA

- GLEICHSPANNUNG. DC-VOLTAGE. TENSION CONTINUE. TENSION CONTINUA
- WECHSELSPANNUNG. AC-VOLTAGE. TENSION ALTERNATIVE. TENSIONE ALTERNATA
- REGLSPANNUNG. CONTROL VOLTAGE. TENSION DE REGLAGE. TENSIONE DI CONTROLLO
- ABSTIMMSPANNUNG. TUNING VOLTAGE. TENSION DE SYNTONISATION. TENSIONE DI SINTONIA
- SCHALTSPANNUNG. SWITCHING VOLTAGE. TENSION DE COMMUTATION. TENSIONE DI COMMUTAZIONE

2SK 544

**GRUNDIG**  
**WKC 1802**  
**BL.2**

Printed in Germany  
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 Sous réserve de modifications ultérieures  
 Con riserva di modifiche  
 Reservado el derecho de modificación

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 Part number 72010 - 712.15  
 Référence 72010 - 712.15  
 No. art. 72010 - 712.15  
 Número de código 72010 - 712.15