

# G 3200

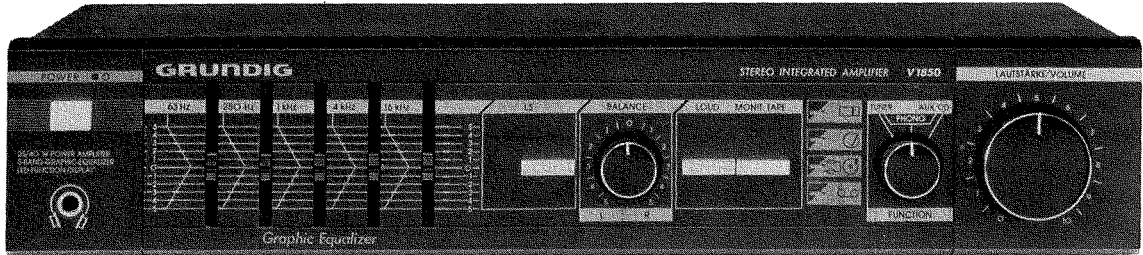
# GRUNDIG SERVICE MANUAL



ⓓ Btx \* 32700 #

12/85

V 1850



## Technische Daten

### Ausgangsleistung

Nennleistung 2x25 W (an 8 Ω)  
Musikleistung 2x40 W (an 8 Ω).

### Eingangsempfindlichkeit

Phono 2,5 mV/47 kΩ  
Tuner, Aux/CD, TB/Tape 150 mV/47 kΩ

### Frequenzgang

20 Hz-20 kHz

### Variation der Klangsteller

Bässe ± 10 dB bei 100 Hz  
Höhen ± 10 dB bei 10 kHz

Klirrfaktor ≤ 0,3%

## Specification

**Continuous power output:** 20Wx2 (into 8 ohm)

**Music power output:** 40Wx2 (into 8 ohm)

### Input sensitivity and impedance:

Phono inputs 2.5 mV/47 kohm  
TUNER, AUX/CD TB/TAPE inputs 150 mV/47 kohm

### Frequency response:

20 Hz-20 kHz

### Tone control ranges:

Bass ± 10 dB at 100 Hz  
Treble ± 10 dB at 10 kHz

Distortion factor ≤ 0.3%

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### Ruhestromeinstellung der Endstufe

Für diese Einstellung muß das Gerät mindestens 3 Minuten in Betrieb sein.

Linker Kanal: An R 788 und R 789  
 $1\text{ mV} \pm 0,3\text{ mV}$  mit R 703 einstellen.

Rechter Kanal: An R 888 und R 889  
 $1\text{ mV} \pm 0,3\text{ mV}$  mit R 803 einstellen.

### Adjusting Quiescent Current of Output Stage

After the power switch is turned on at 3 minutes, adjust SVR 703 and SVR 803 respectively as follows.

L-Channel: SVR 703 for  $1.0\text{ mV} \pm 0.3\text{ mV}$  reading between the both leads of R 788 and R 789.

R-Channel: SVR 803 for  $1.0\text{ mV} \pm 0.3\text{ mV}$  reading between the both leads of R 888 and R 889.

### Abgleich-Lageplan

ALIGNMENT SCHEME

PLAN DE REGLAGE

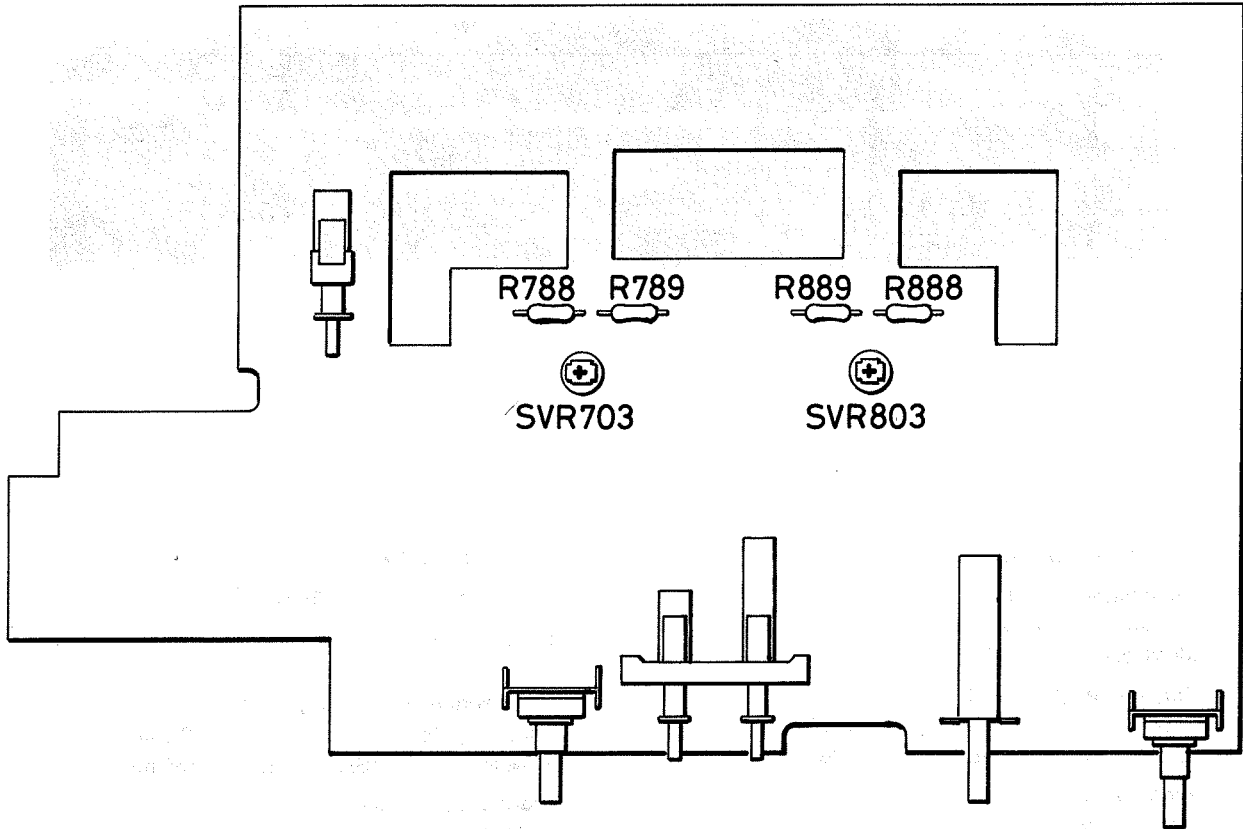
PIANO DI TARATURA

### Bestückungsseite

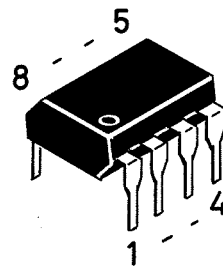
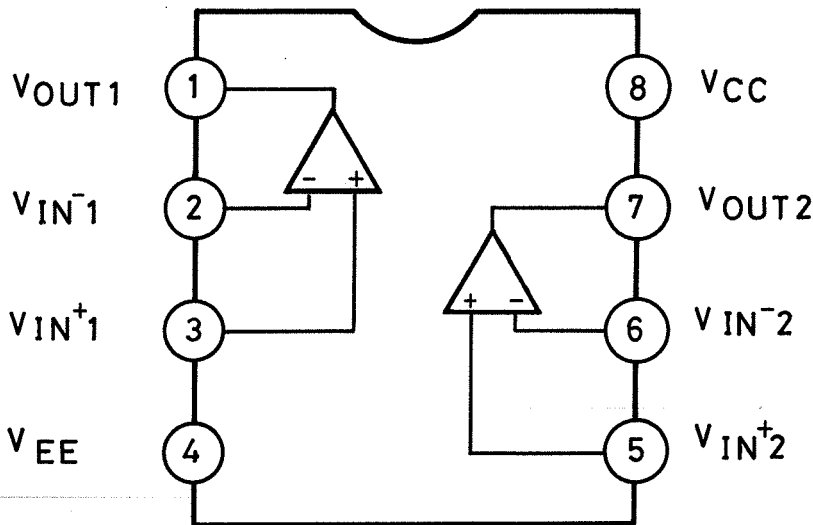
COMPONENT SIDE

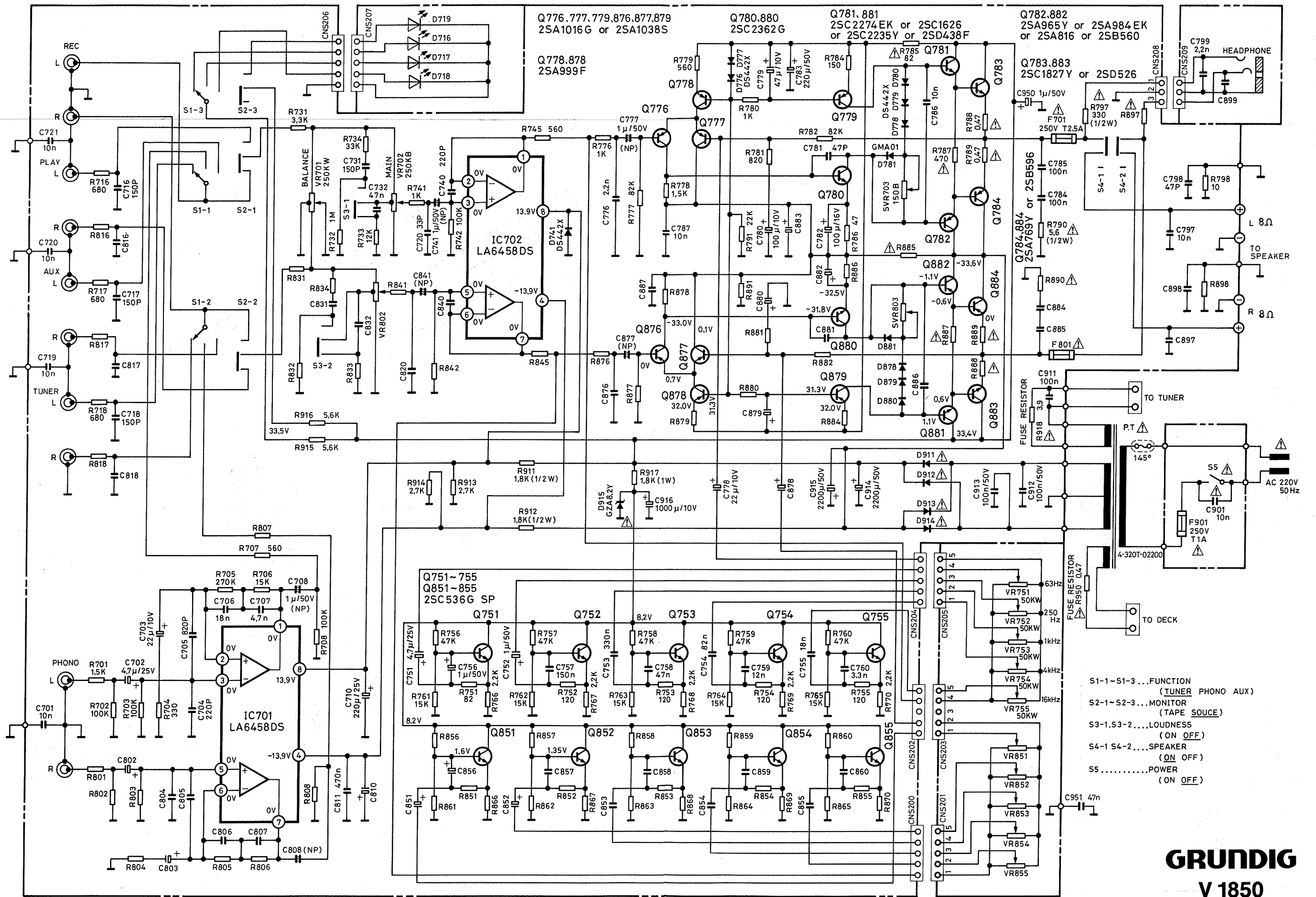
VUE DU COTE DES COMPOSANTS

LATO COMPONENTI



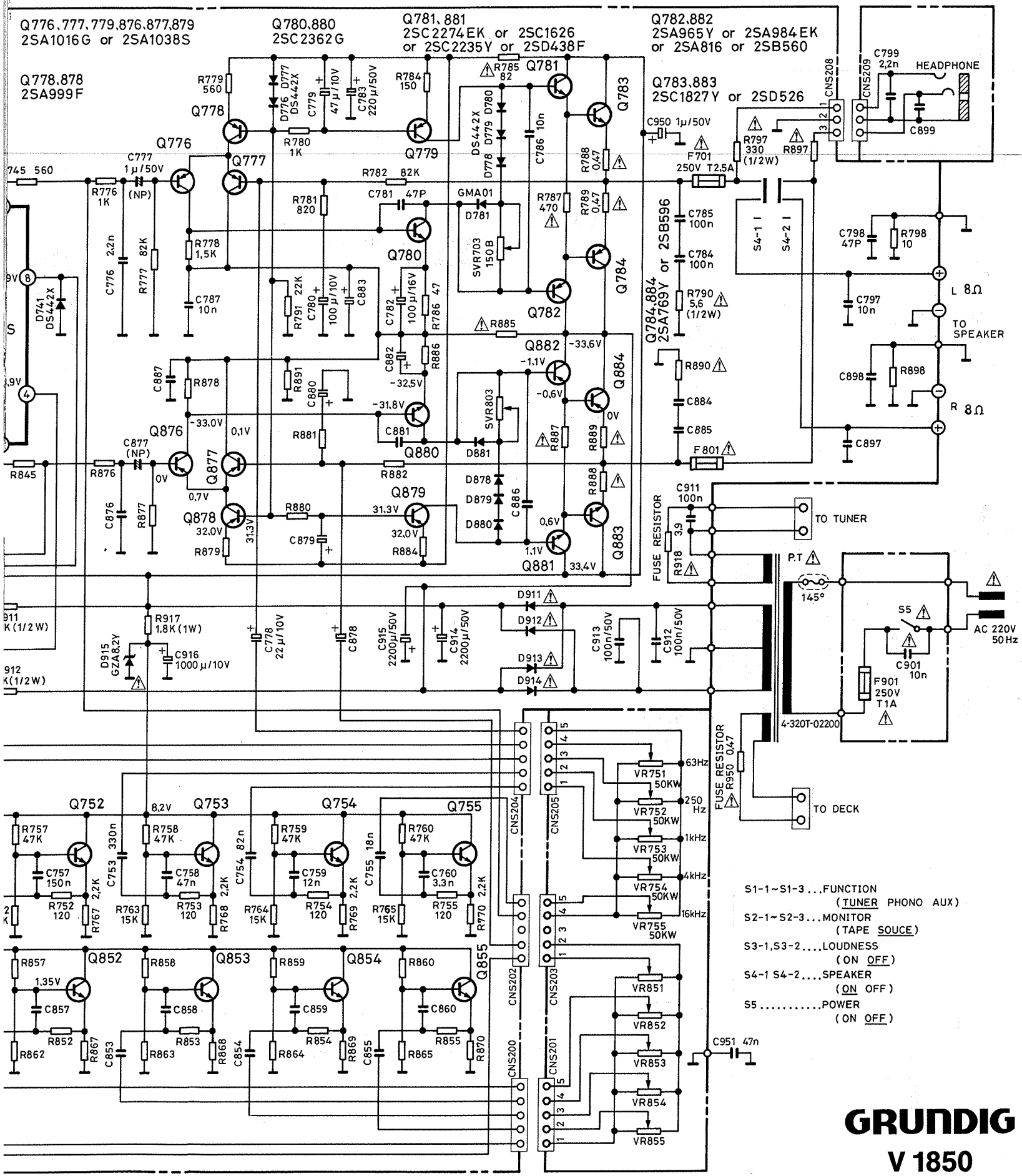
IC 701 IC 702 LA6458DS





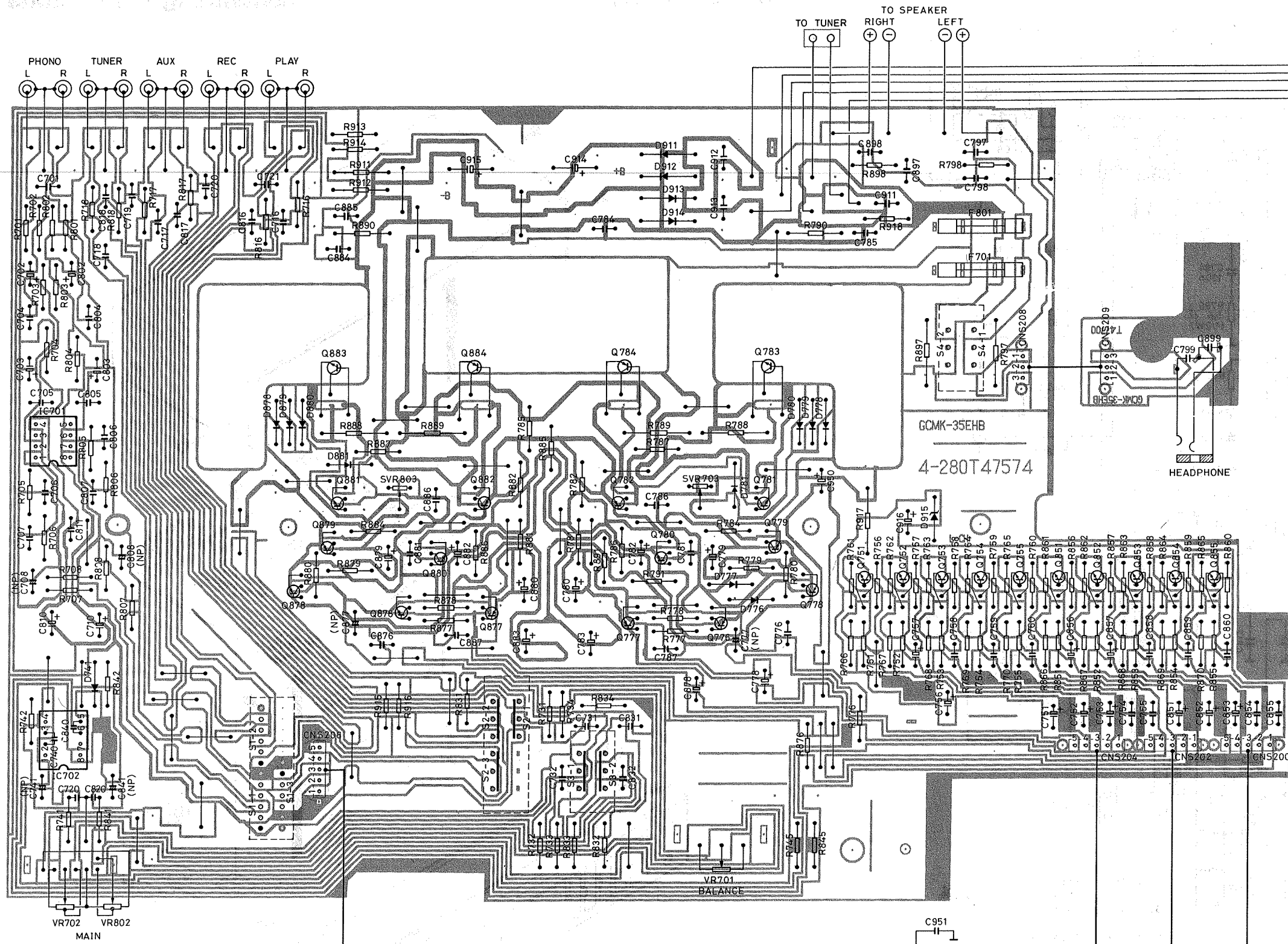
S1-1~S1-3...FUNCTION  
(TUNER PHONO AUX)  
S2-1~S2-3...MONITOR  
(TAPE SOURCE)  
S3-1,S3-2...LOUDNESS  
(ON OFF)  
S4-1 S4-2...SPEAKER  
(ON OFF)  
S5.....POWER  
(ON OFF)

**GRUNDIG**  
V 1850

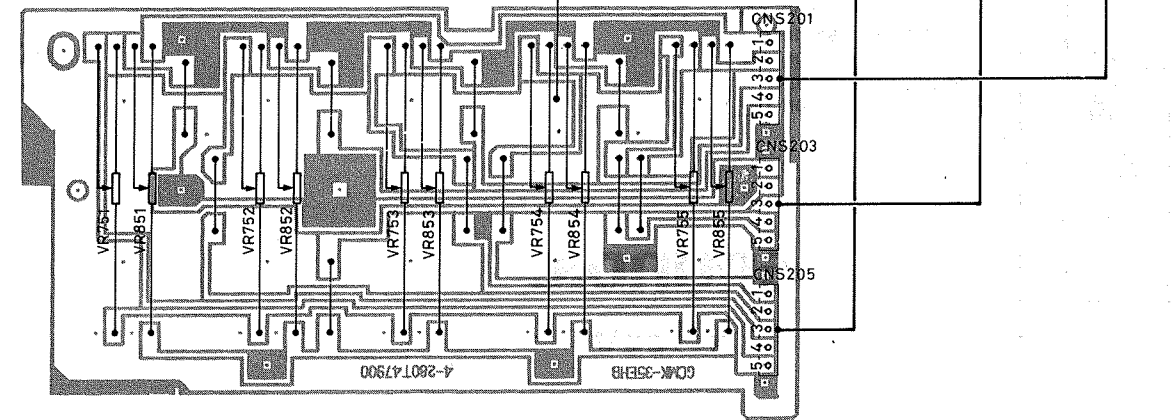
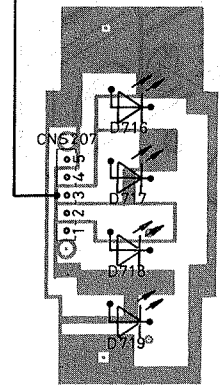


- S1-1~S1-3...FUNCTION (TUNER PHONO AUX)
- S2-1~S2-3...MONITOR (TAPE SOURCE)
- S3-1,S3-2...LOUDNESS (ON OFF)
- S4-1 S4-2...SPEAKER (ON OFF)
- S5.....POWER (ON OFF)

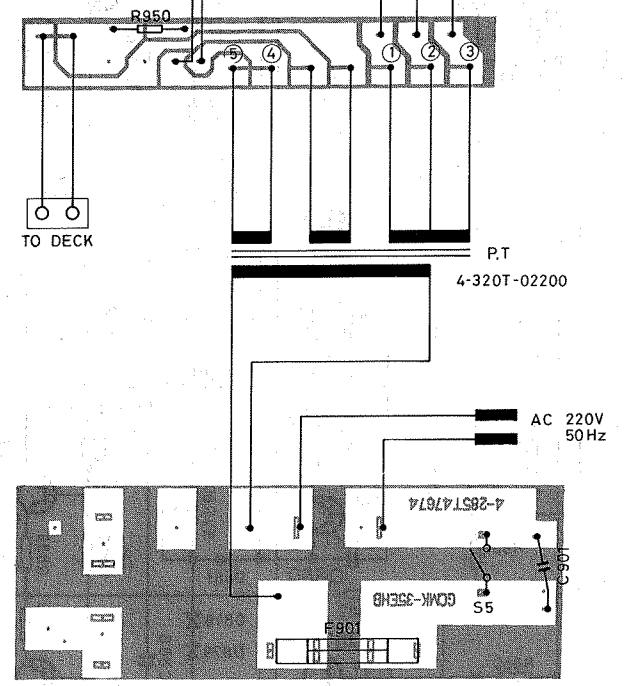
**GRUNDIG**  
V 1850

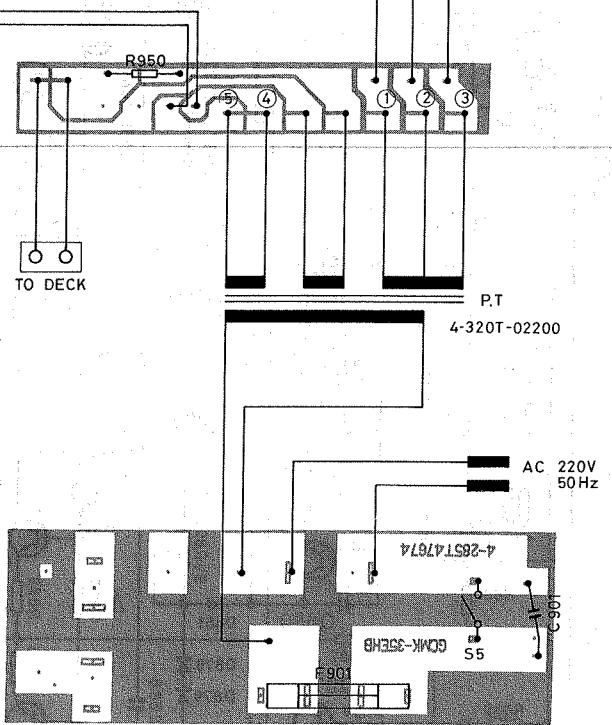
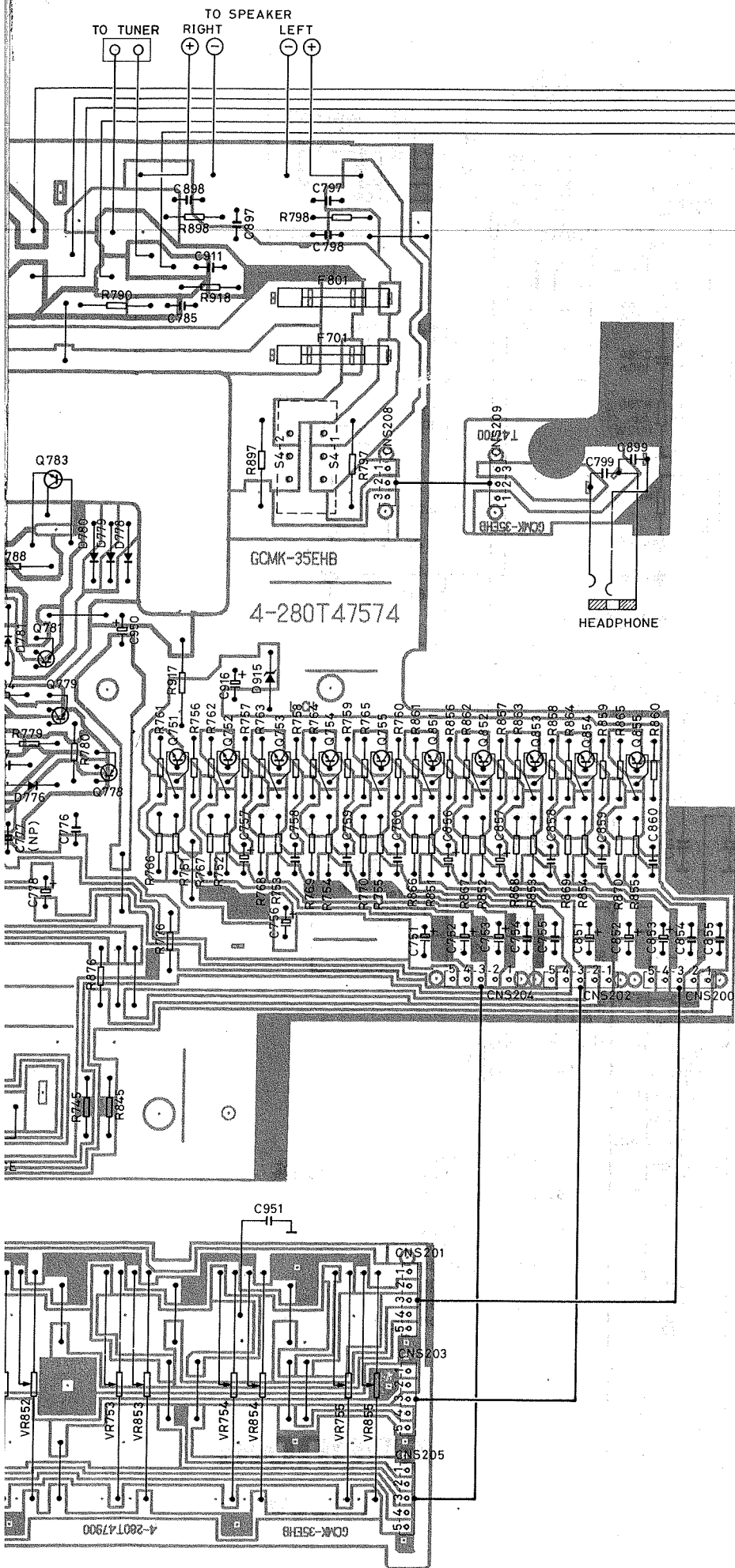


**Chassisplatte, Lötseite**  
**CHASSIS BOARD, SOLDER SIDE**  
**CIRCUIT IMPRIME CHASSIS, COTE SOUDURES**  
**PIASTRA CHASSIS, LATO SALDATURE**



**Regler-Platte, Lötseite**  
**POTENTIOMETER BOARD, SOLDER SIDE**  
**C.I. POTENTIOMETRES, COTE DES SOUDURES**  
**PIASTRA DI REGOLAZIONE, LATO SALDATURE**





**Regler-Platte, Lötseite**  
**POTENTIOMETER BOARD, SOLDER SIDE**  
**C.I. POTENTIOMETRES, COTE DES SOUDURES**  
**PIASTRA DI REGOLAZIONE, LATO SALDATURE**