

**SERVICE MANUAL  
DOCUMENTATION TECHNIQUE  
TECHNISCHE DOKUMENTATION  
DOCUMENTAZIONE TECNICA  
DOCUMENTACION TECNICA**

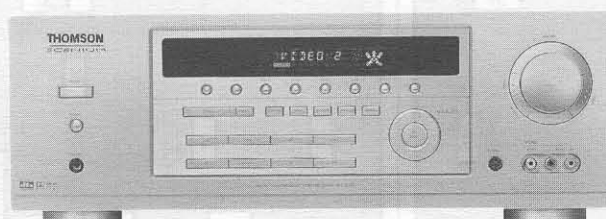
**THOMSON**

**DPL 2000**

**DPL 2010**

Version (PC\*): A

\*PC: The version code is indicated either in the battery compartment or on the back of the unit - ce code version est indiqué dans le compartiment à piles ou au dos de l'appareil - PC: Version des Geräts wird im Batteriefach oder auf der Rückseite angegeben - il codice della versione è indicato nello scompartimento delle batterie o sul retro dell'apparecchio - el código de la versión está indicado en el compartimento de las pilas o en la parte trasera del aparato.



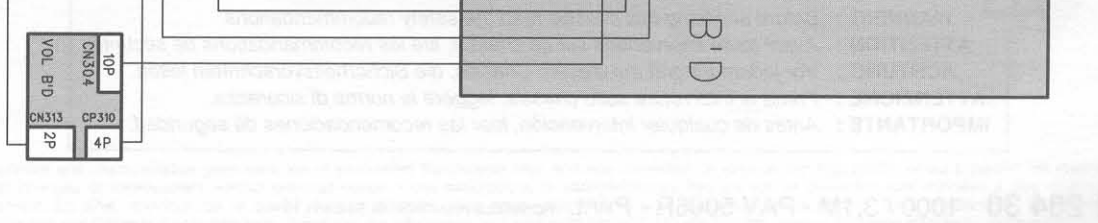
**Technical data - Caractéristiques principales  
Technische Daten - Dati tecnici - Características del aparato**

|                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                           |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Type of set :</b> Stereo pre-main amplifier<br><b>Type d'appareil :</b> Préampli-ampli stéréophonique<br><b>Geräteart :</b> Stéreo-Vollverstärker<br><b>Tipo d'apparecchio :</b> Preamplificatore-amplificatore stereofonico<br><b>Tipo de aparato :</b> Préamplificador-amplificador estereofónico |  |                                                                                                                                       |  |
| <b>Power supply :</b><br><b>Alimentation :</b><br><b>Stromversorgung :</b> ~ 230 V - 50Hz<br><b>Alimentazione :</b><br><b>Alimentación :</b>                                                                                                                                                           |  | <b>Nominal output power :</b><br><b>Puissance nominale de sortie :</b><br><b>Nennausgangsleistung :</b> 5 x 100 W (effective)<br><b>Potenza nominale di uscita :</b><br><b>Potencia nominal de salida :</b>               |  |
|  <b>FM - MF :</b> 87,5 - 108 MHz<br><b>MW - PO :</b> 522 - 1620 kHz<br><b>LW - GO :</b> 153 - 279 kHz                                                                                                               |  | <b>Sensitivity :</b><br><b>Sensibilité :</b> FM - MF : 6 µV (S/N = 26 dB)<br><b>Empfindlichkeit :</b> MW - PO : 600 µV/m (S/N = 20 dB)<br><b>Sensibilità :</b> LW - GO : 1500 µV/m (S/N = 20 dB)<br><b>Sensibilidad :</b> |  |
| <b>Frequency response :</b><br><b>Courbe de réponse :</b> Front amp 20Hz - 70 kHz<br><b>Frequenzgang :</b> Rear amp 120Hz - 7kHz<br><b>Curva di risposta :</b><br><b>Curva de respuesta :</b>                                                                                                          |  | <b>Signal to noise ratio :</b><br><b>Rapport signal / bruit :</b><br><b>Geräuschspannungsabstand :</b> 65 dB (1kHz)<br><b>Rapporto segnale / disturbo :</b><br><b>Relación señal / ruido :</b>                            |  |
| <b>Total harmonic distortion :</b><br><b>Distorsion harmonique :</b><br><b>Klirrfaktor :</b> 0,2 % (-6 dB 1kHz)<br><b>Distorsione armonica :</b><br><b>Distorsión armónica :</b>                                                                                                                       |  | <b>Stereo separation :</b><br><b>Diaphonie :</b><br><b>Übersprechdämpfung :</b> 60 dB (1kHz)<br><b>Diafonia :</b><br><b>Diafonía :</b>                                                                                    |  |
| <b>Input sensitivity</b><br><b>Sensibilité des entrées</b><br><b>Eingangsempfindlichkeit</b><br><b>Sensibilità dei ingressi</b><br><b>Sensibilidad de las entradas</b>                                                                                                                                 |  | 200mV                                                                                                                                                                                                                     |  |

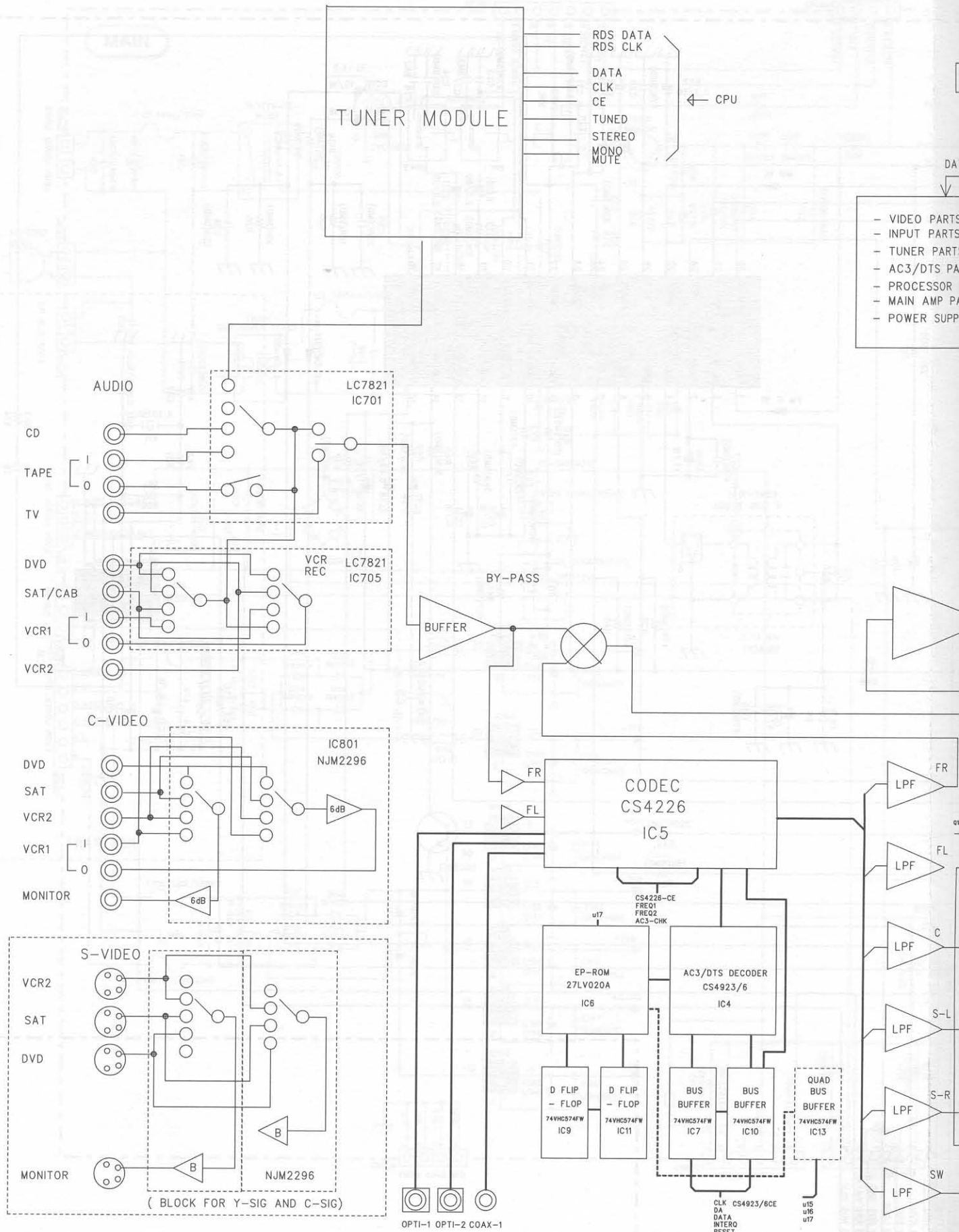


**WARNING :** Before servicing this chassis read the safety recommendations.  
**ATTENTION :** Avant toute intervention sur ce châssis, lire les recommandations de sécurité.  
**ACHTUNG :** Vor jedem Eingriff auf diesem Chassis, die Sicherheitsvorschriften lesen.  
**ATTENZIONE :** Prima di intervenire sullo chassis, leggere le norme di sicurezza.  
**IMPORTANTE :** Antes de cualquier intervención, leer las recomendaciones de seguridad.

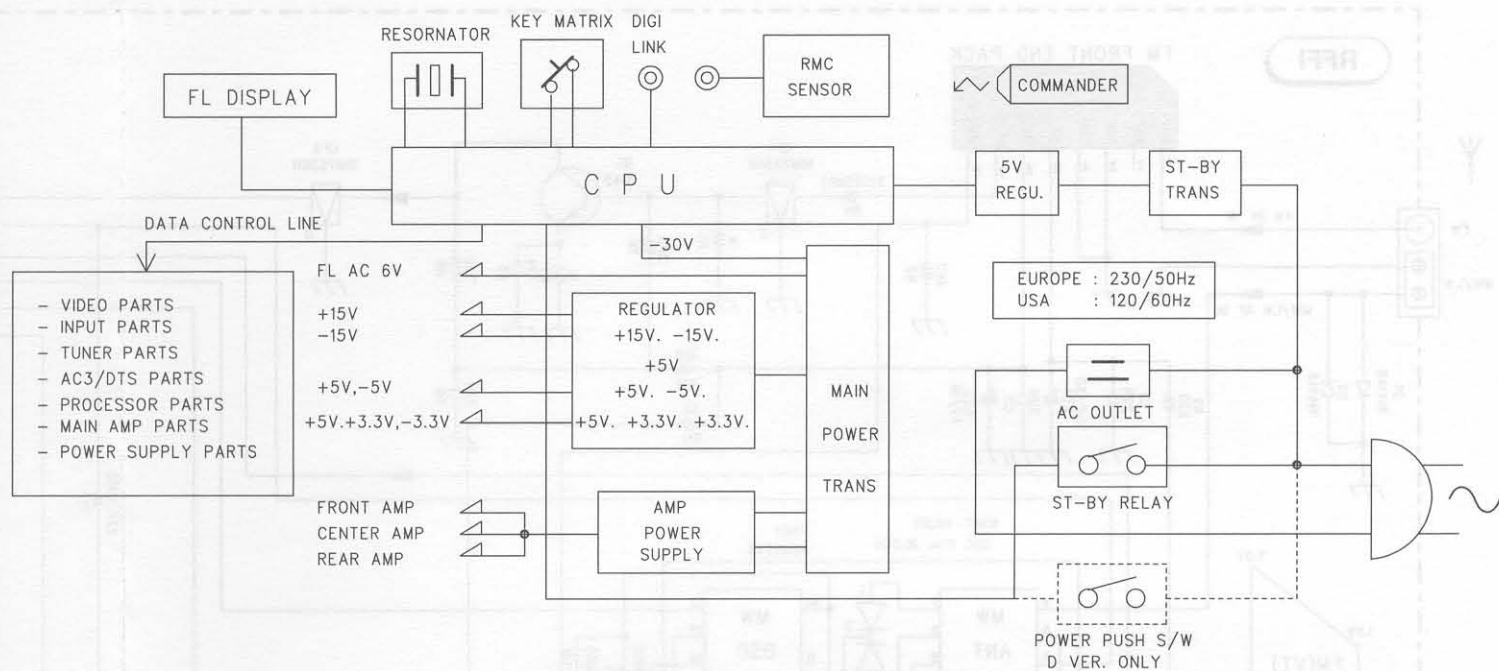
THE MONITOR



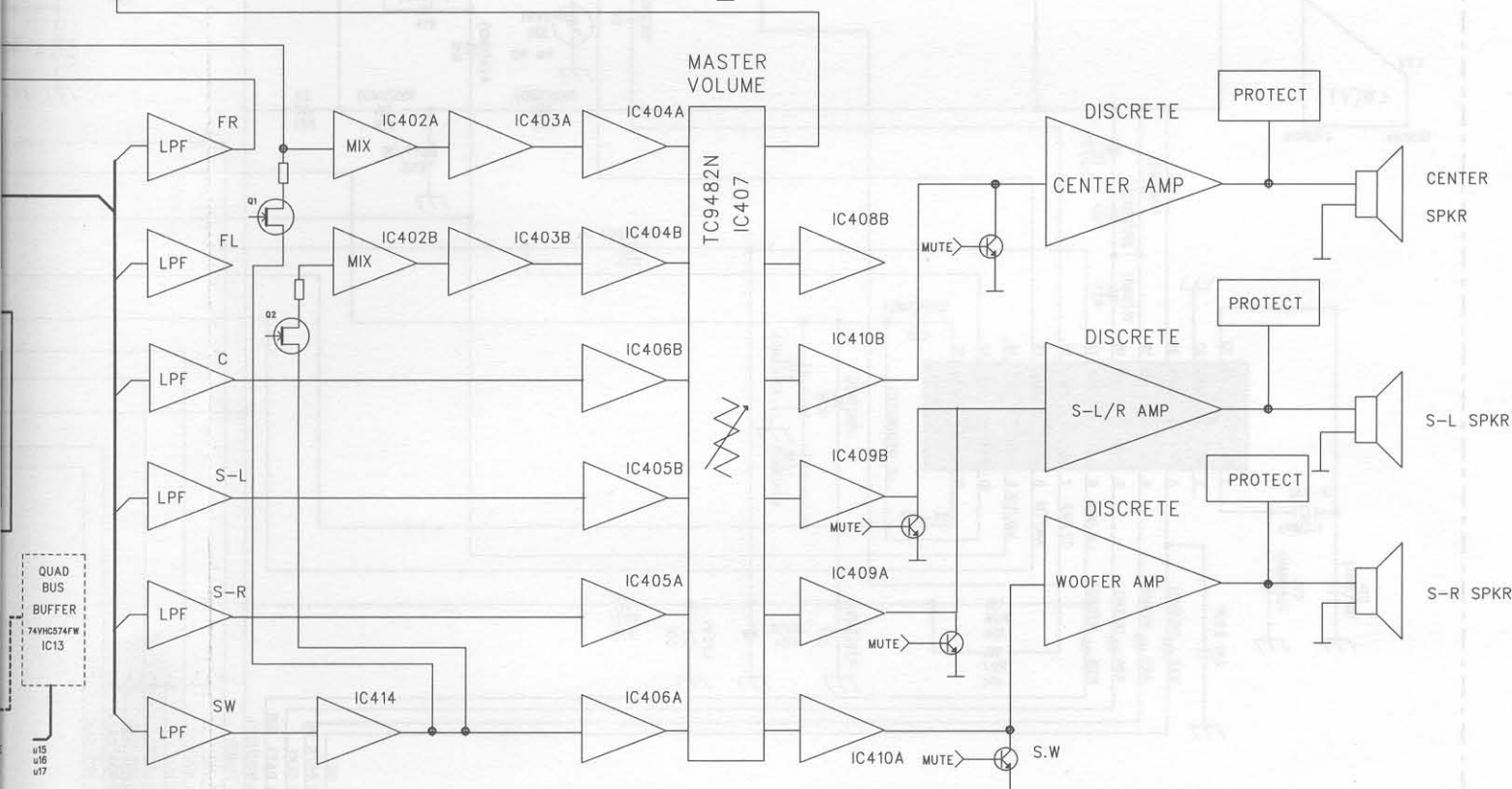
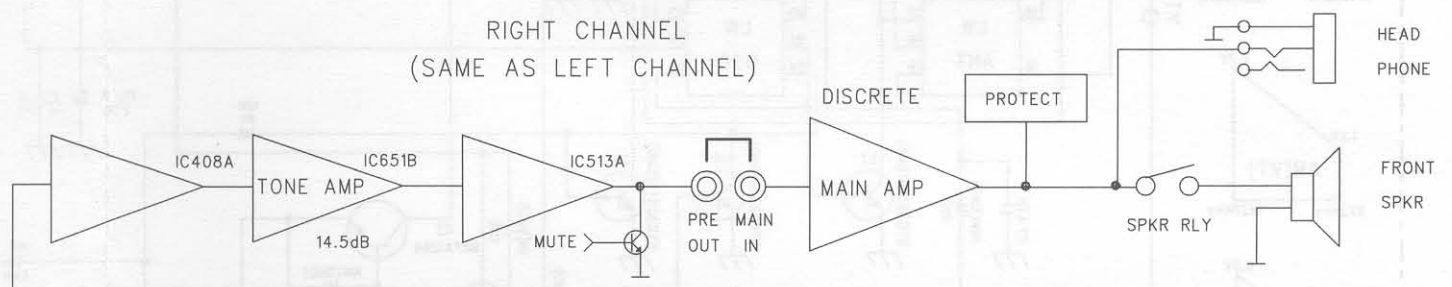
PRINCIPAL (POWER SUPPLY PART)

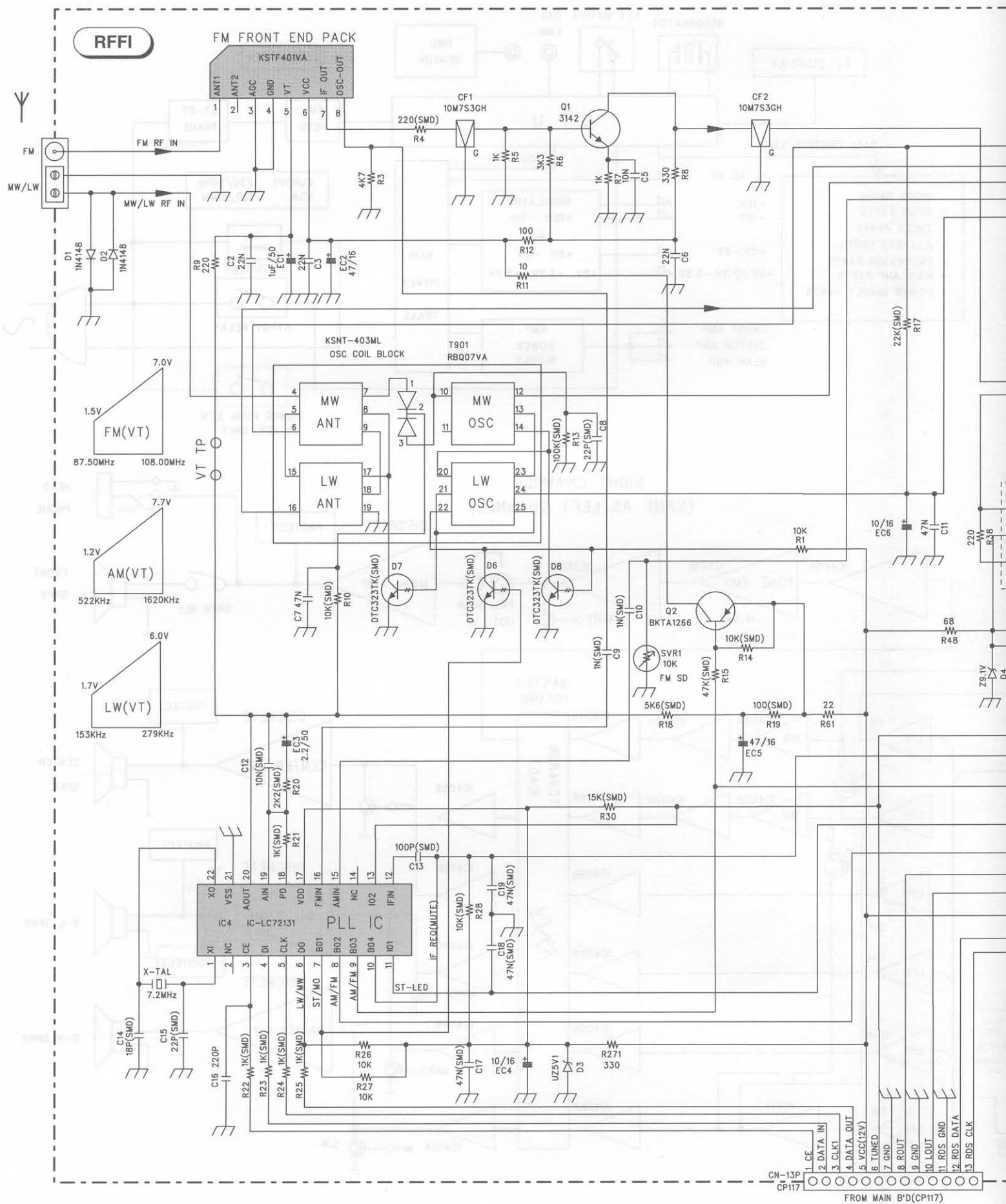


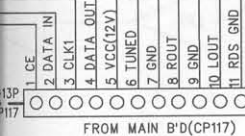
- VIDEO PARTS
- INPUT PARTS
- TUNER PARTS
- AC3/DTS PA
- PROCESSOR
- MAIN AMP PA
- POWER SUPP



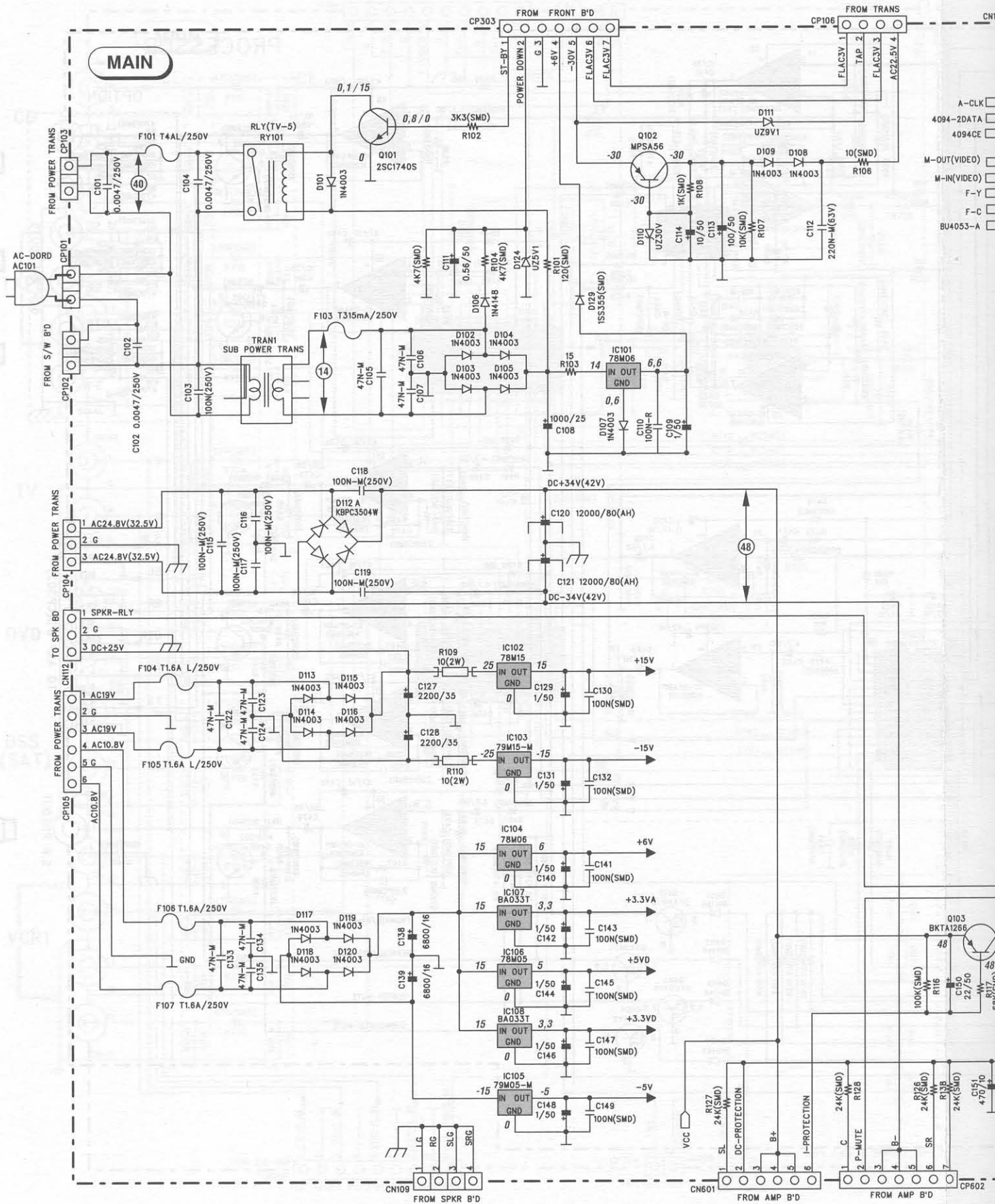
## RIGHT CHANNEL (SAME AS LEFT CHANNEL)

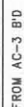




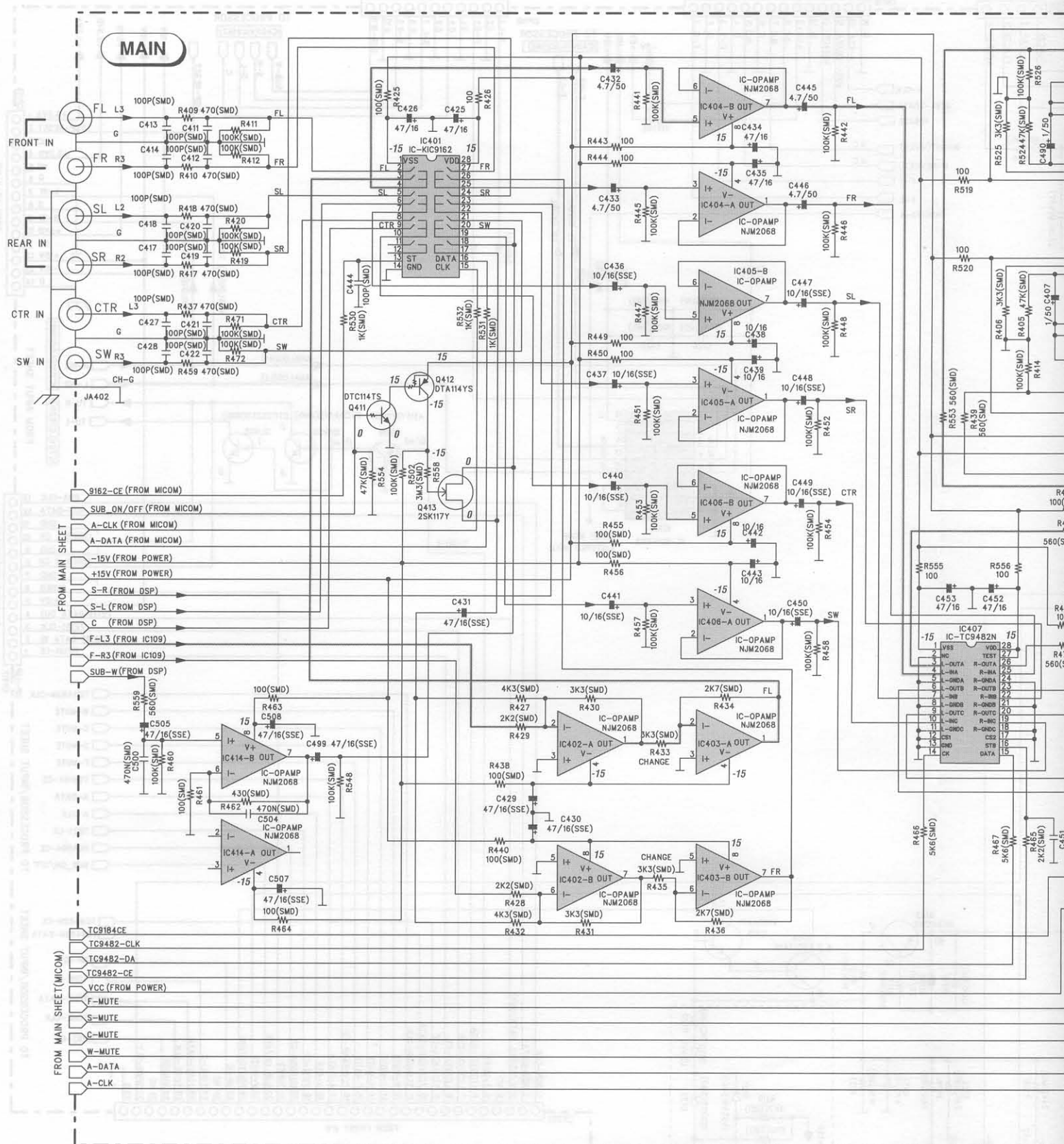


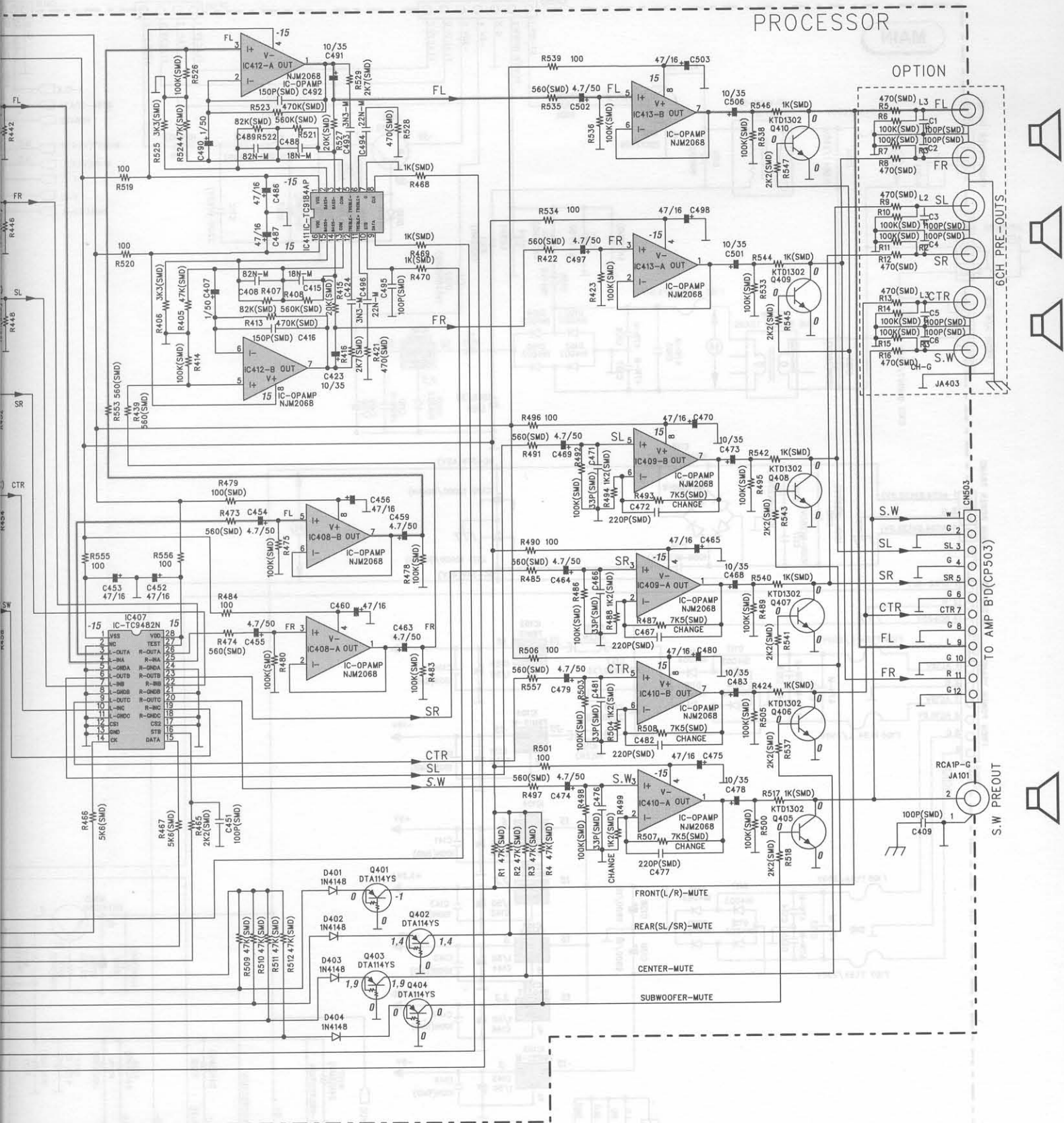
# MAIN SCHEMATIC DIAGRAM - SCHEMA DE LA PLATINE PRINCIPALE - SCHALTBILD GRUNDPLA PRINCIPAL (POWER SUPPLY PART)





**MAIN SCHEMATIC DIAGRAM - SCHEMA DE LA PLATINE PRINCIPALE - GRUNDPLATTE SCHALTBILD  
PRINCIPAL (PRE-AMPLIFIER PART)**











**Main P.C.B.**  
**Platine principale**  
**Grundplatte**  
**Piastra principale**  
**Platina principal**

Component side  
 Côté composants  
 Bestückungsseite  
 Lato componenti  
 Lado componentes



MP5A56



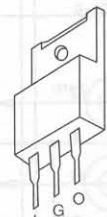
2SK117Y



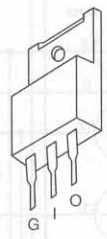
2SC1740S  
 BKTA1266  
 KTD1302



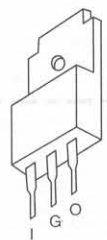
DTA114YS  
 DTC114TS



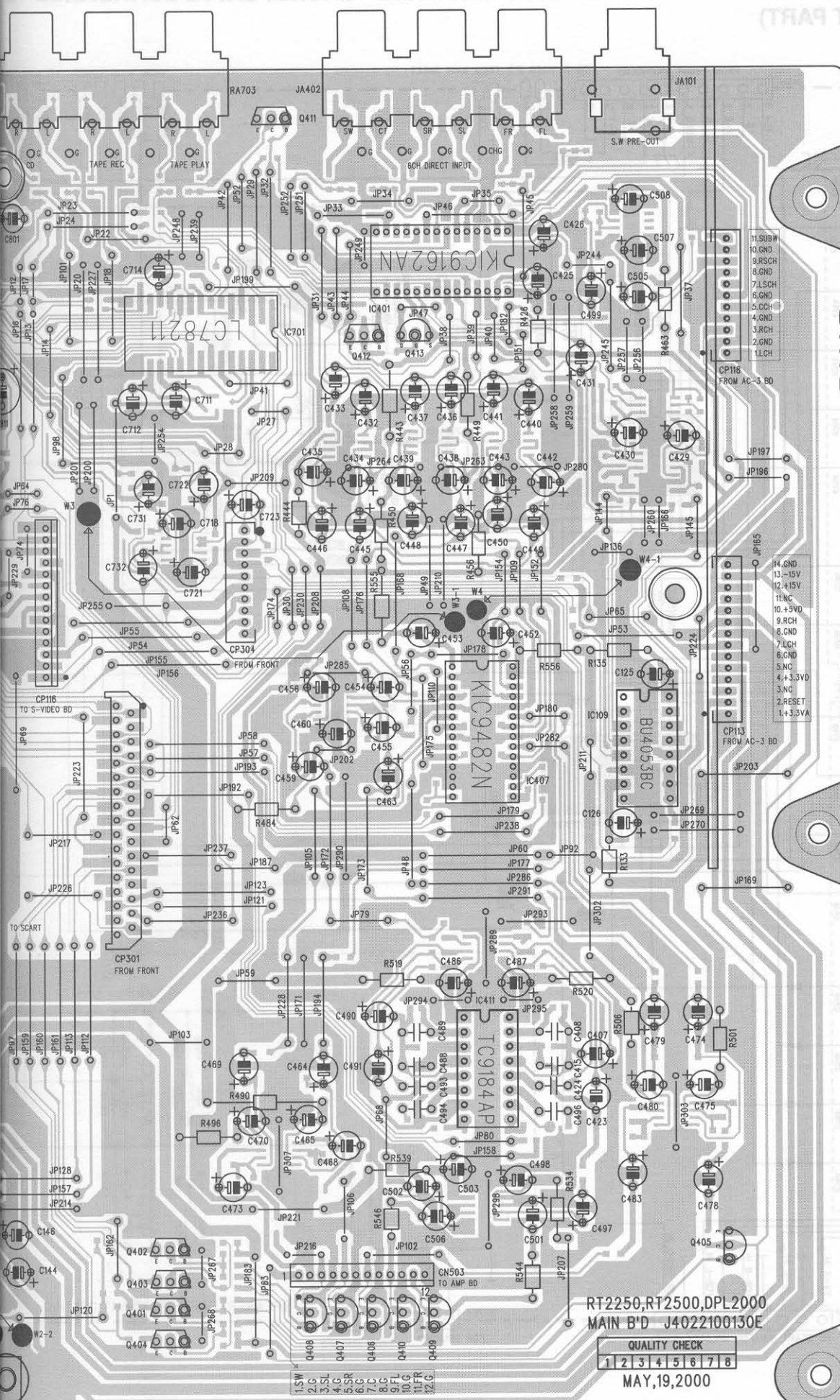
78M15  
 78M05  
 78M06  
 KIA7805A



79M05  
 79M15



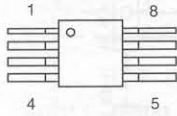
BA033T



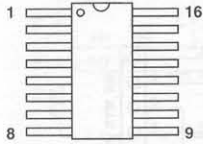
RT2250,RT2500,DPL2000  
 MAIN B'D J4022100130E

QUALITY CHECK  
 1 2 3 4 5 6 7 8  
 MAY,19,2000

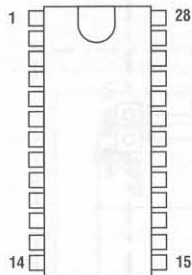
Solder side  
Côté soudure  
Lötseite  
Lato saldature  
Lado del cobre



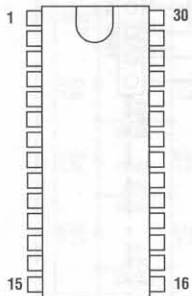
NJM2068



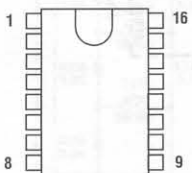
BU4094



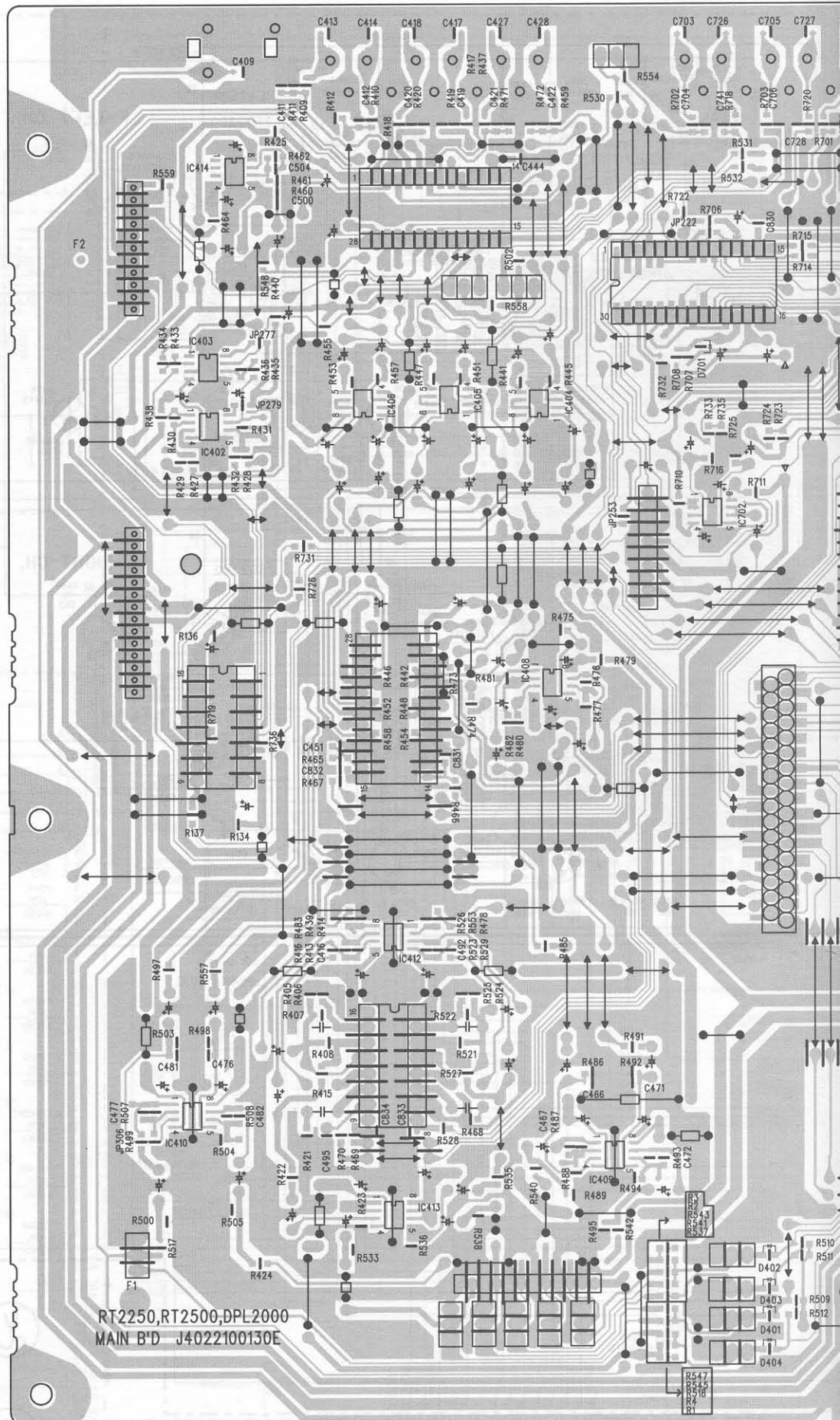
KIC9162AN  
KIC9482N

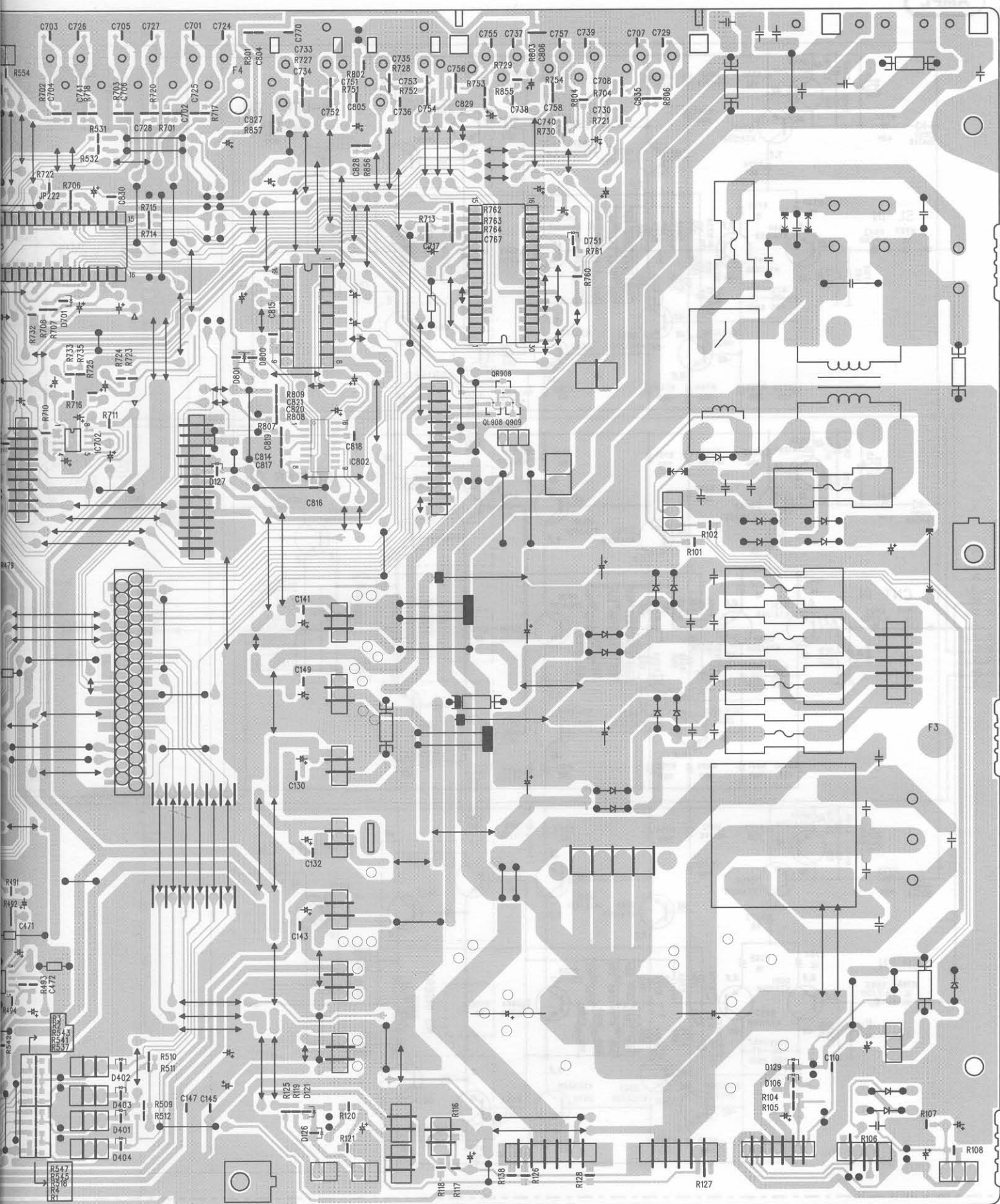


LC78211



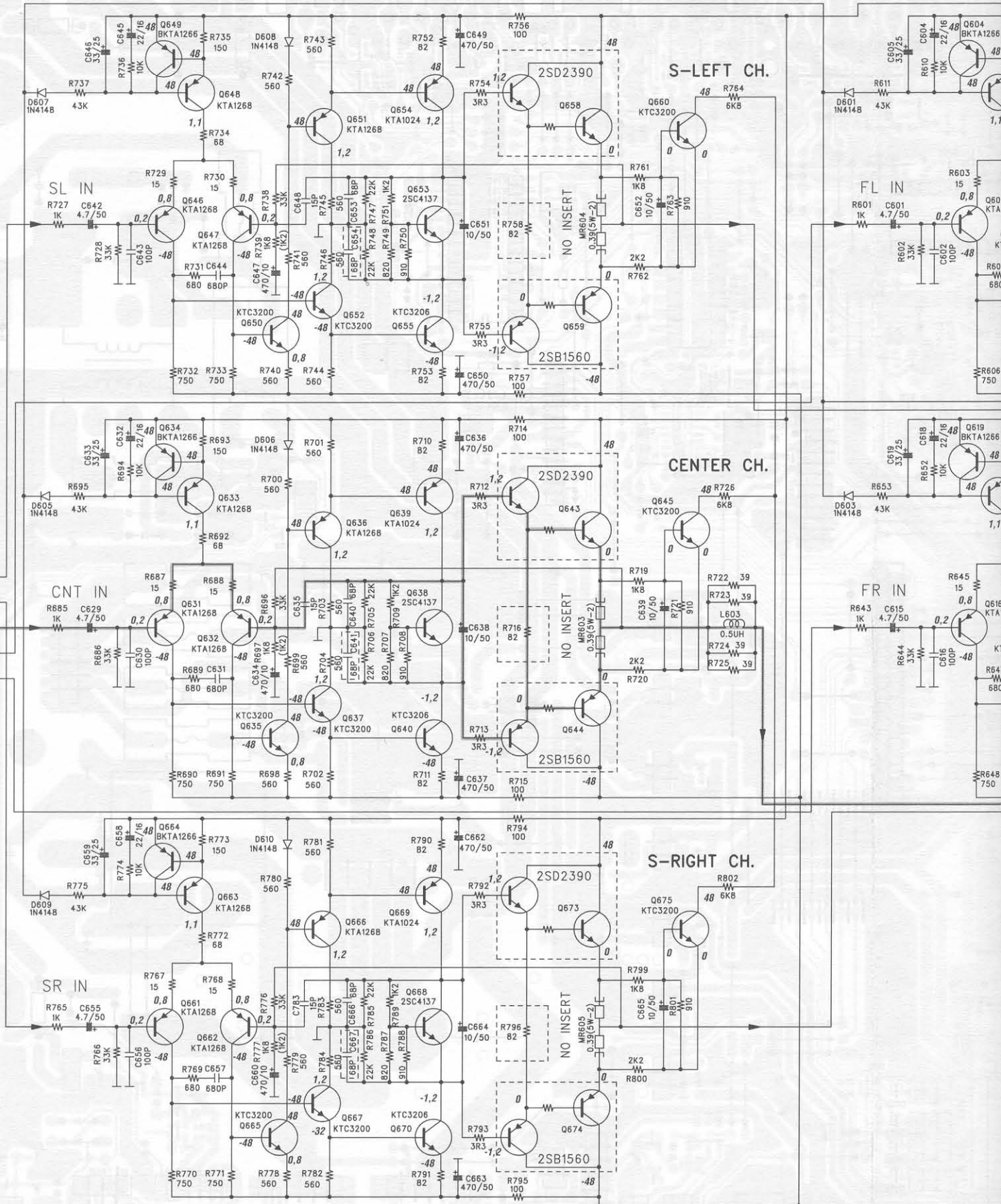
NJM2296D  
BU4053BC  
TC9184AP



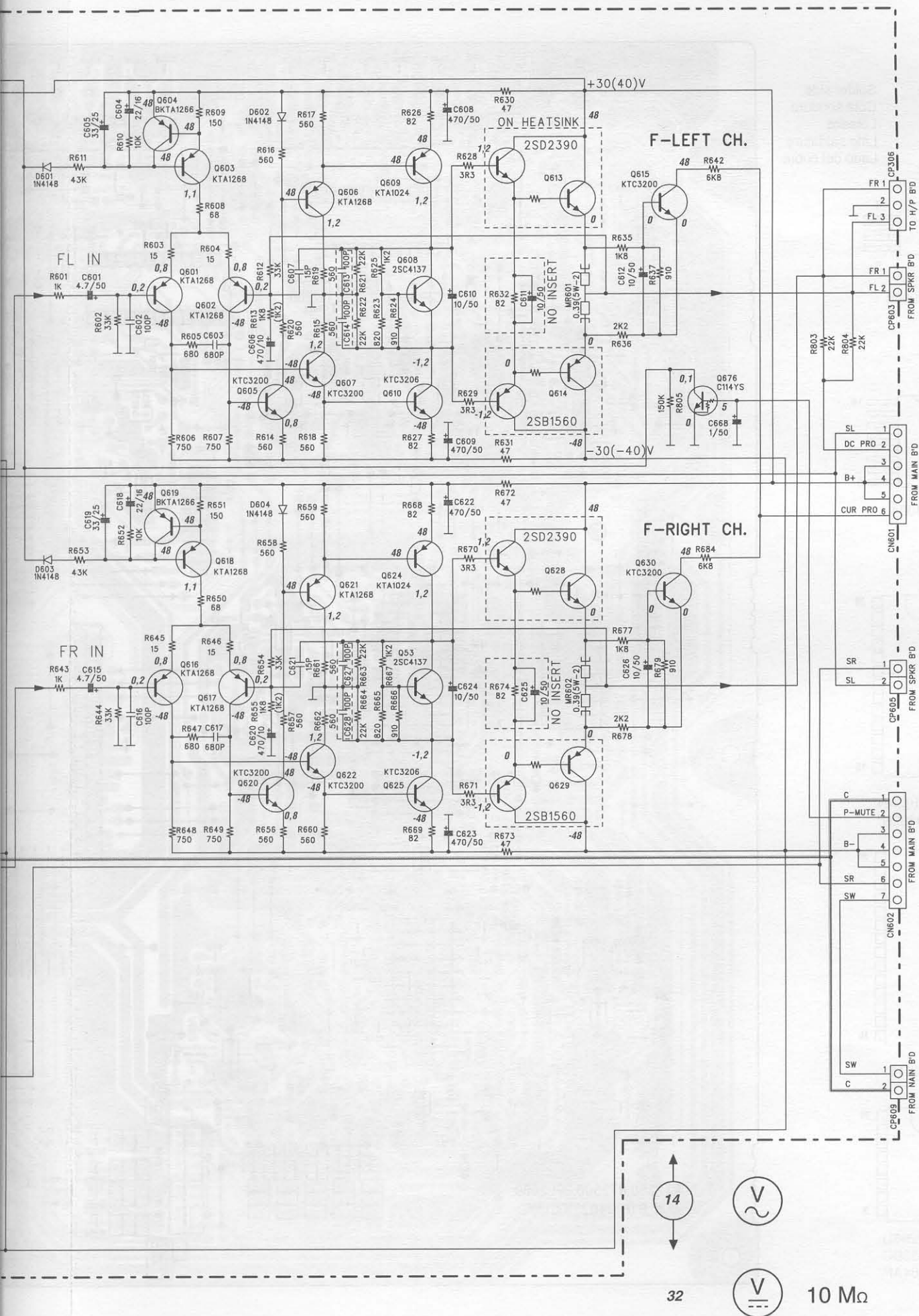


AMPL

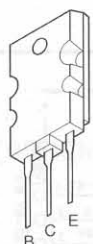
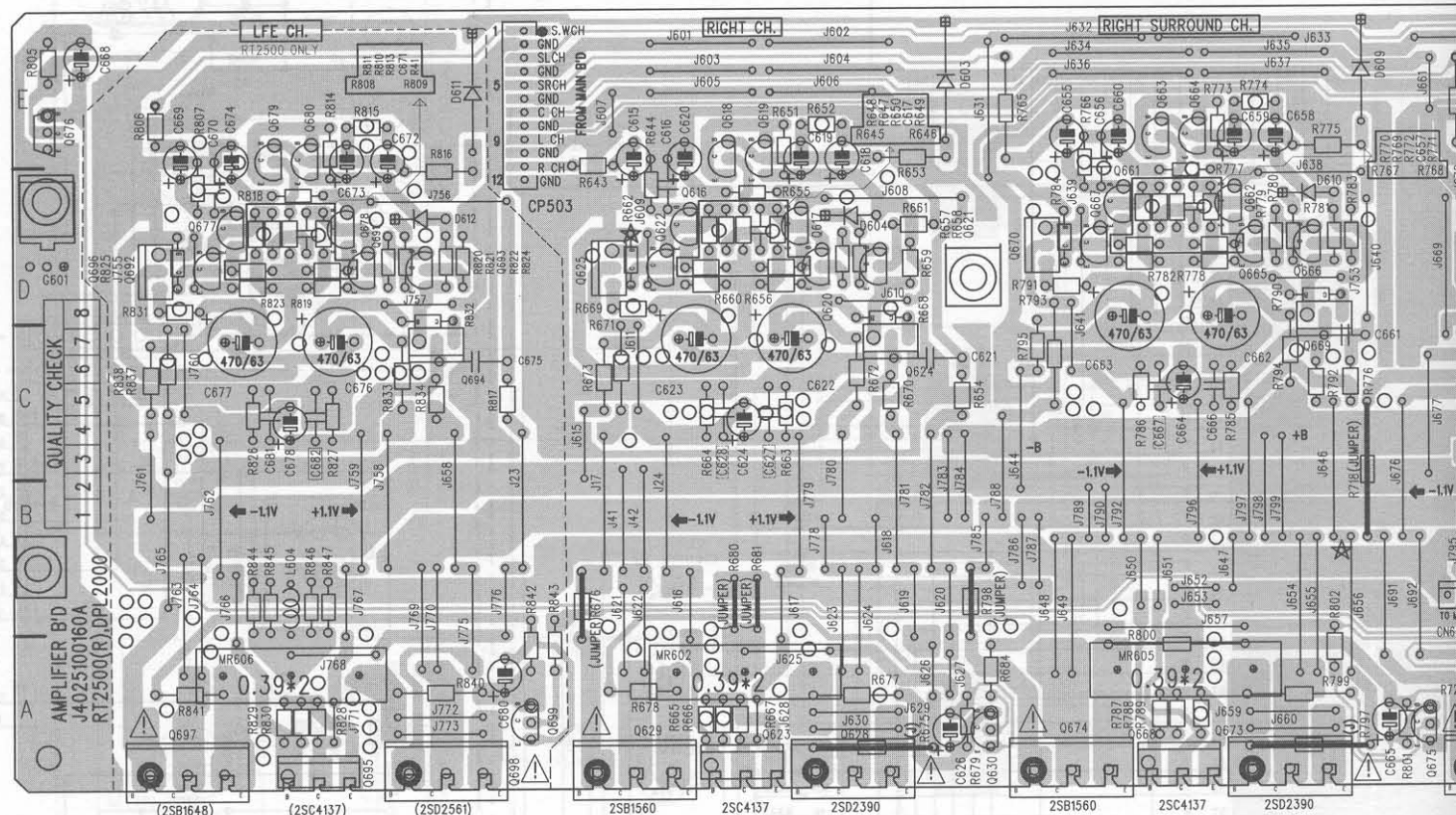
FROM PROCESSOR B/D  
CP503



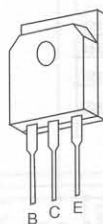
# ENDVERSTÄRKER - SCHEMA DEL AMPLIFICATORE - ESQUEMA DEL AMPLIFICADOR



Amplifier P.C.B.  
Platine amplificateur  
Ltpl. Endverstärker  
Piastra amplificatore  
Platina amplificador



2SC4137



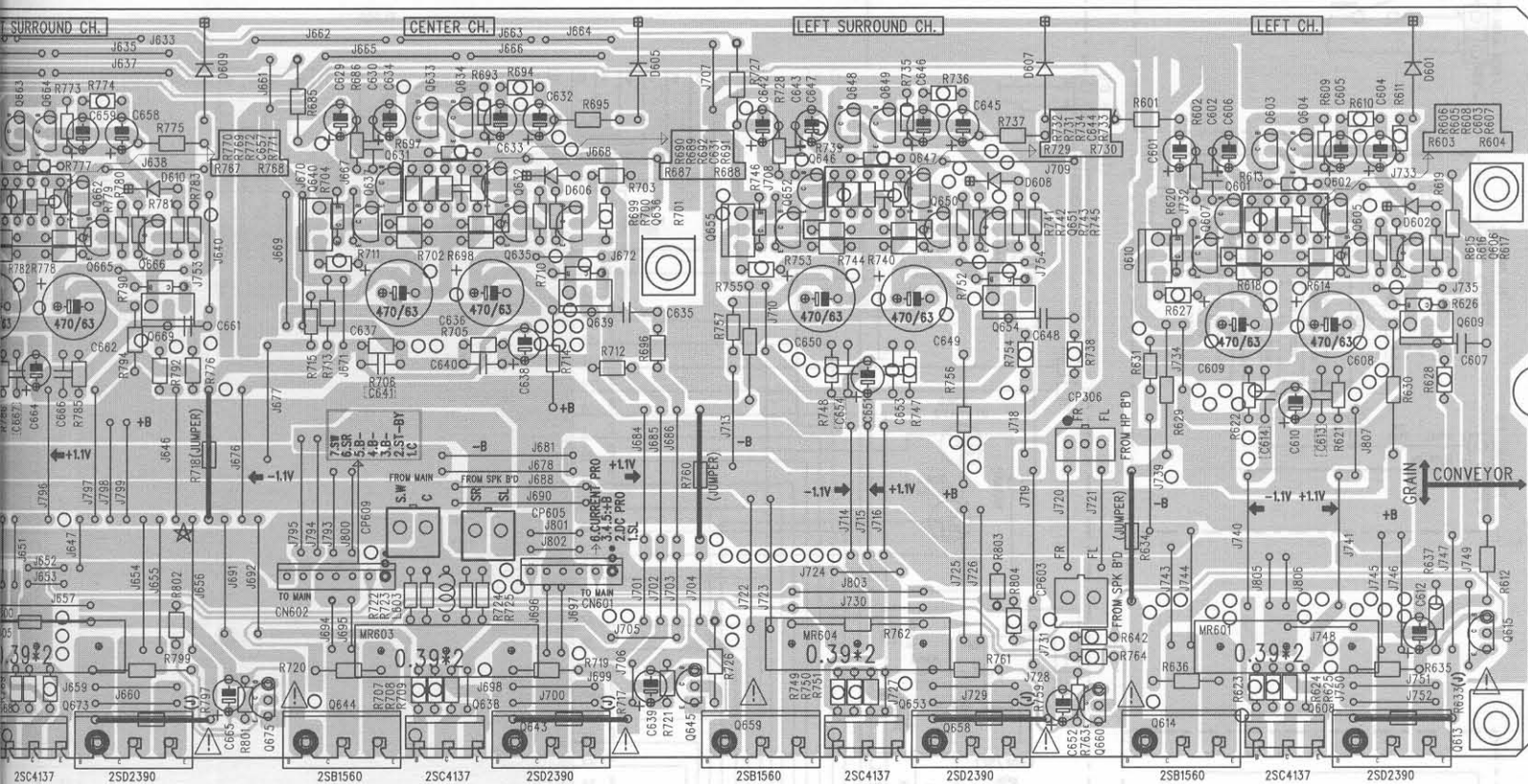
2SD2493  
2SB1624



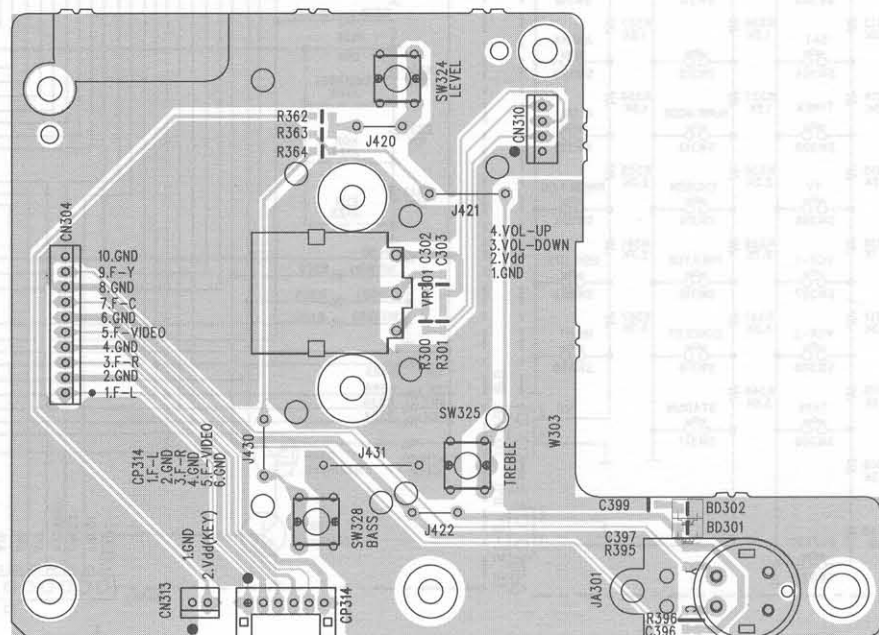
KTA1268  
KTA1266  
KTC3200



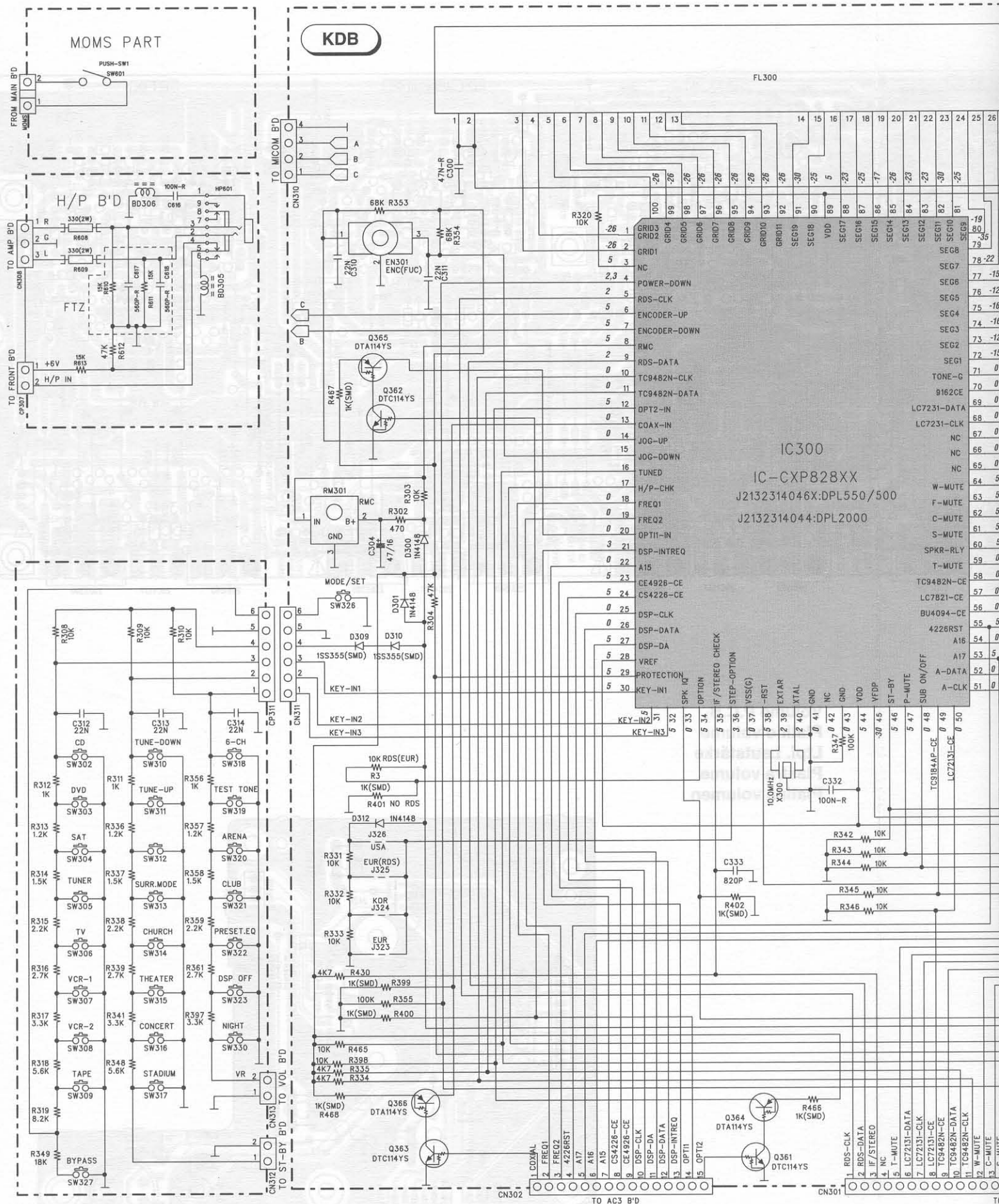
KTC3206  
KTA1024  
C114YS

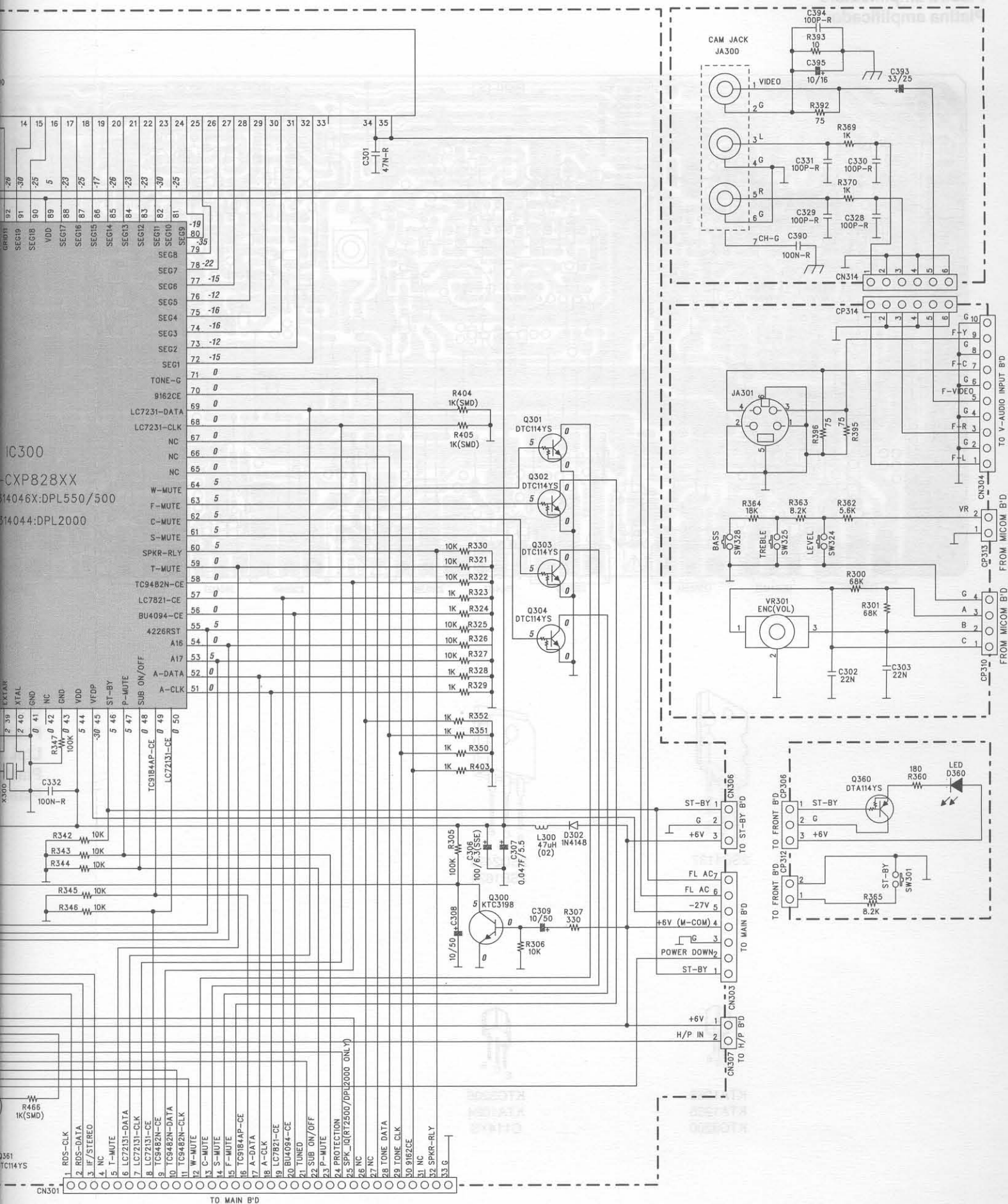


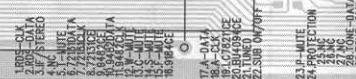
Volume P.C.B.  
 Platine volume  
 Ltpl. Lautstärke  
 Piastra volume  
 Platina volumen



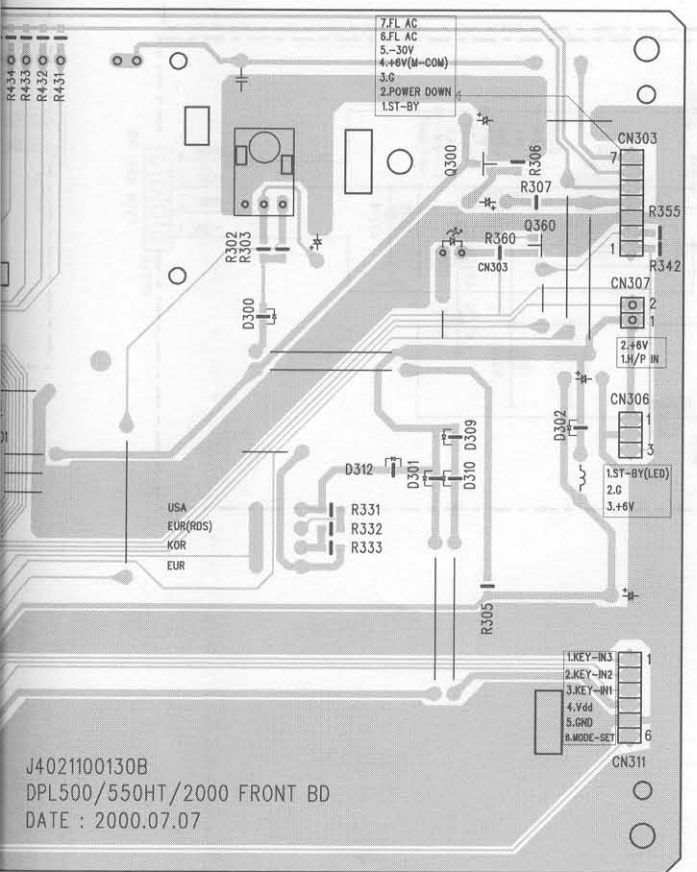
# CONTROL / DISPLAY SCHEMATIC DIAGRAM - SCHEMA COMMANDES / AFFICHEUR - BEDIENTEIL / A MANDOS / INDICADOR





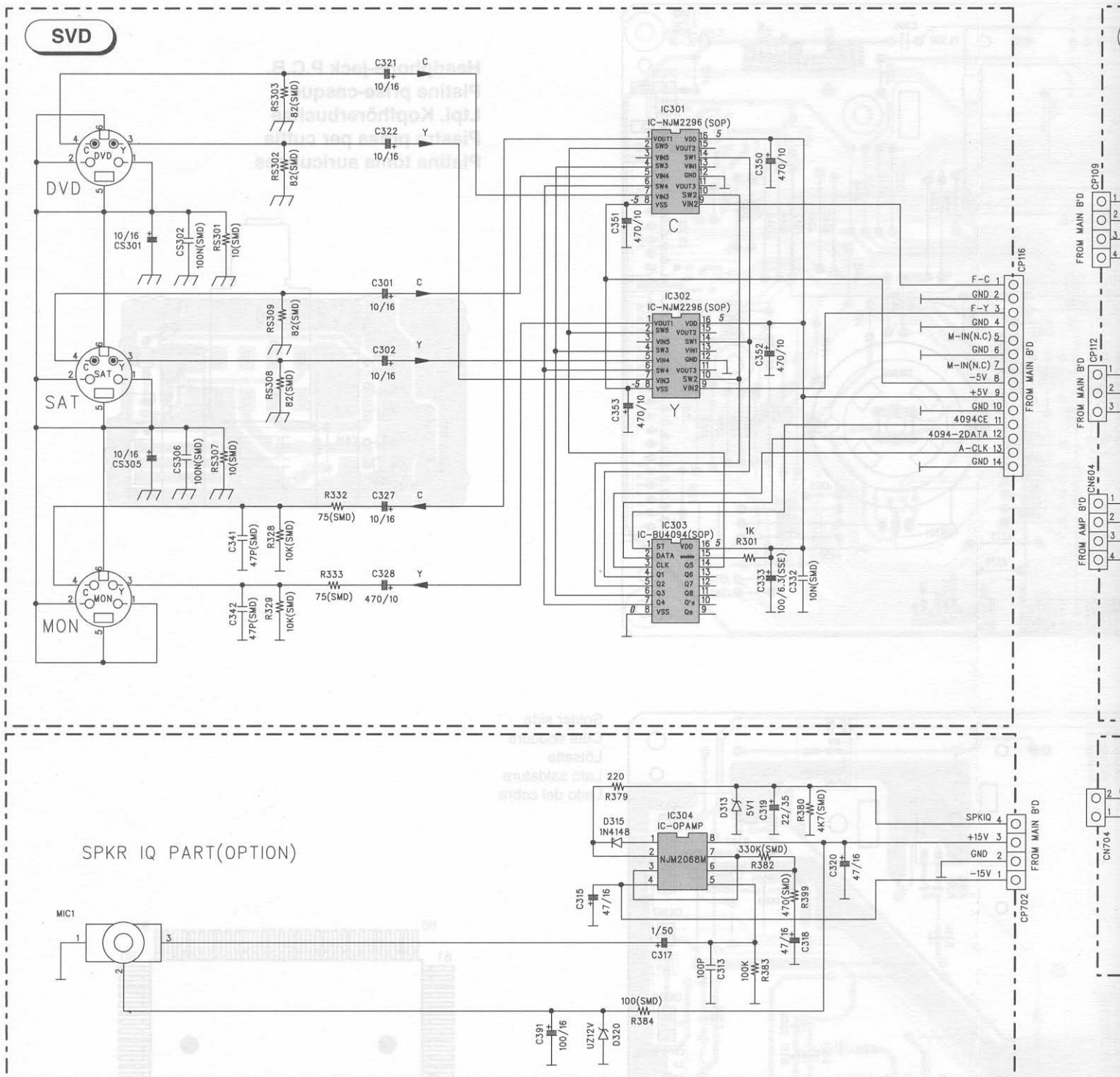


Component side  
Côté composants  
Bestückungsseite



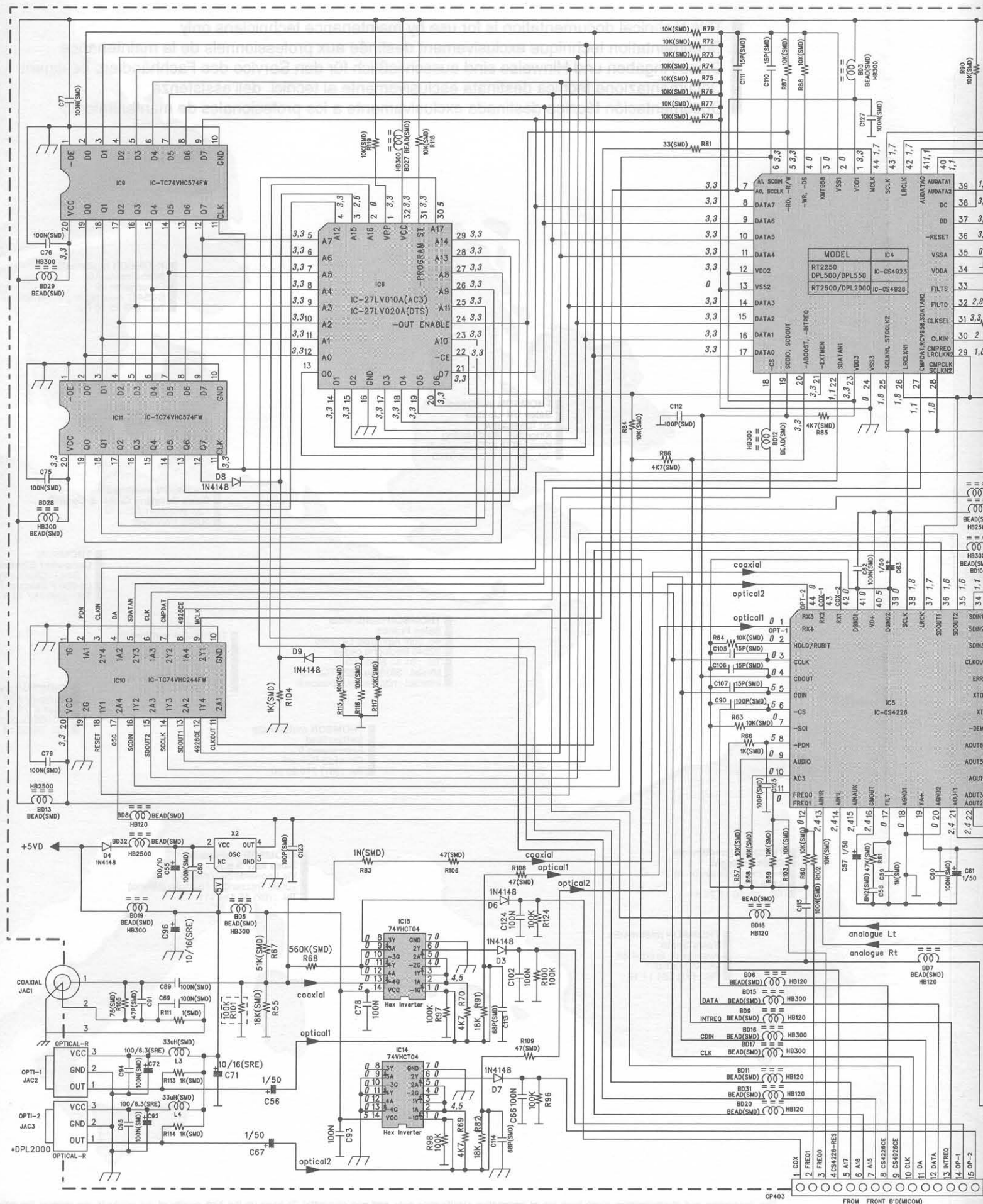
24

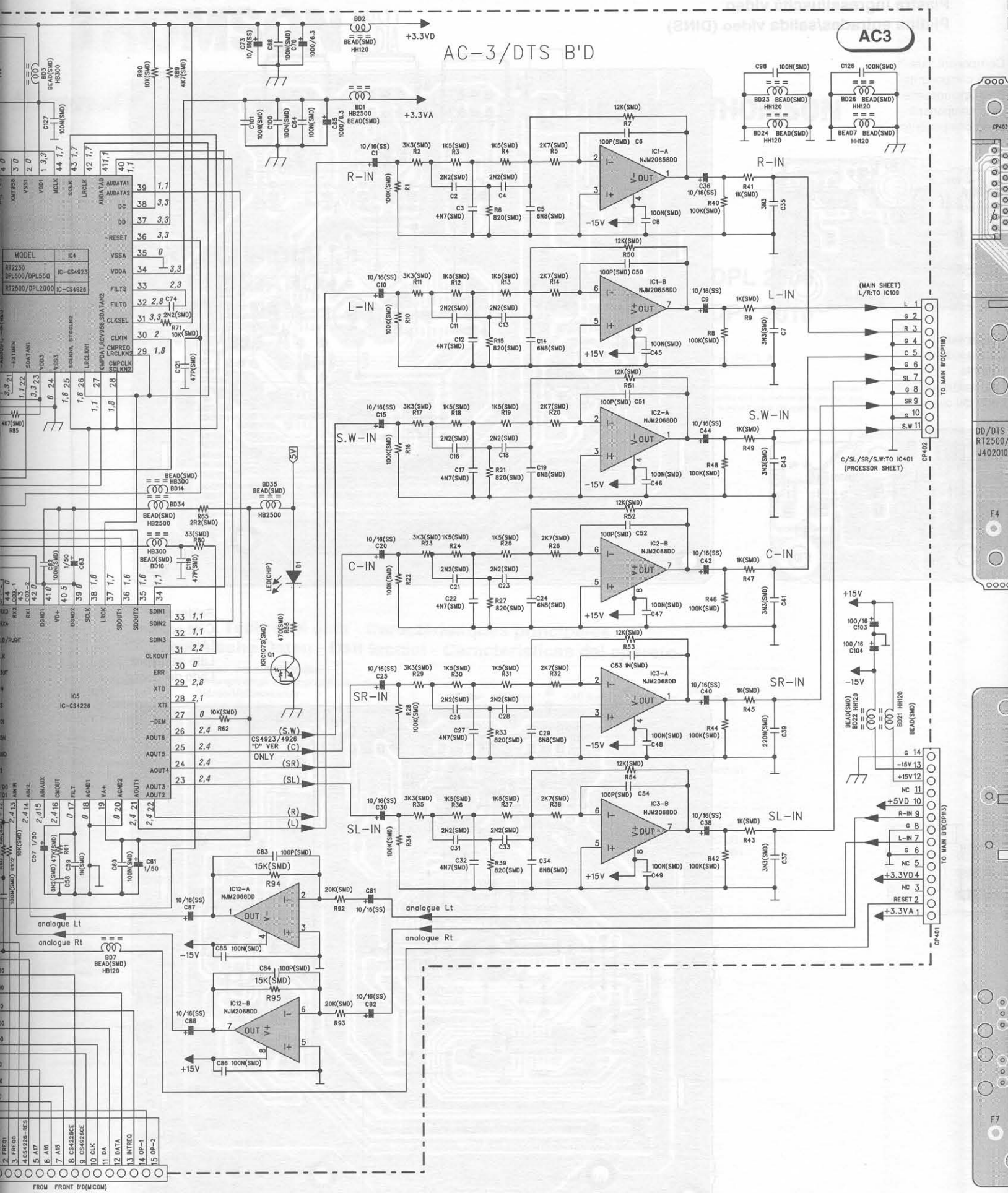
**VIDEO AND SPEAKER INPUT/OUTPUT SCHEMATIC DIAGRAM - SCHEMA DES ENTREES/SORTIES VIDEO ET AUDIO - SCHEMA DEI**  
**EINGÄNGEN/AUSGANG - SCHEMA INGRESSI/USCITÀ VIDEO E ALTOPARLANTI - ESQUEMA ENTRADAS Y SALIDAS DE VIDEO Y**

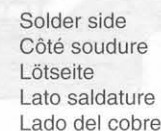
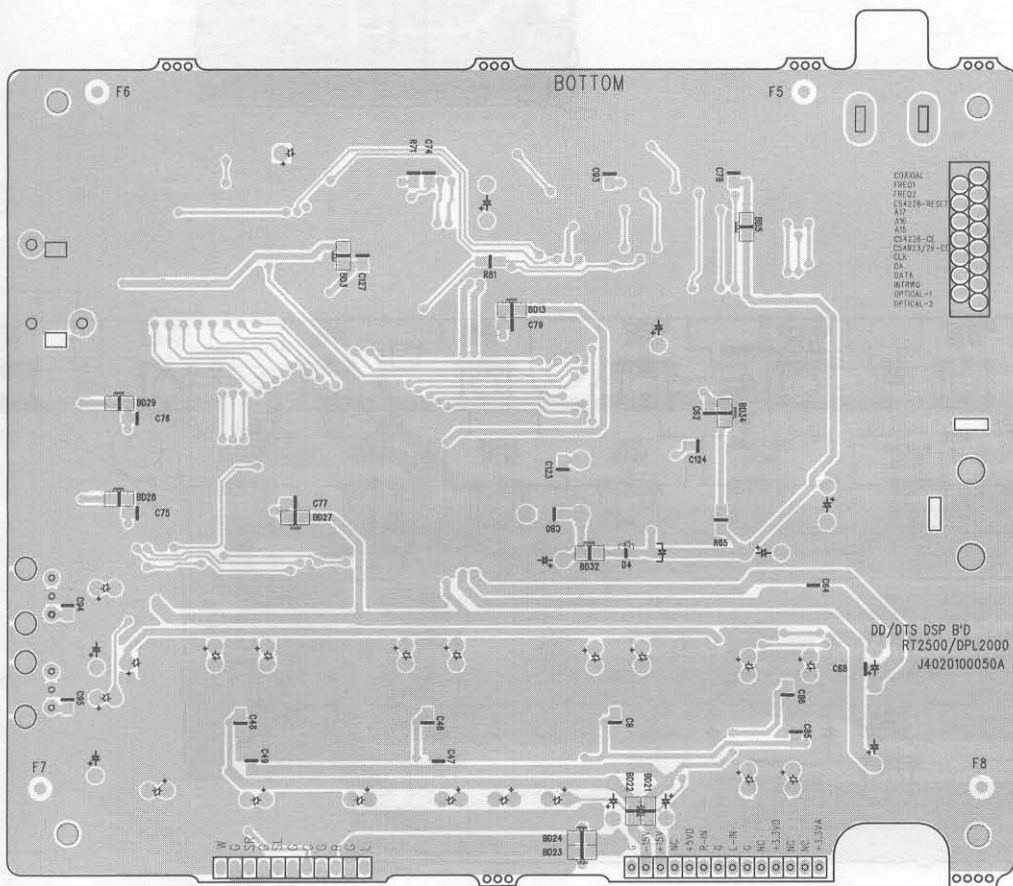




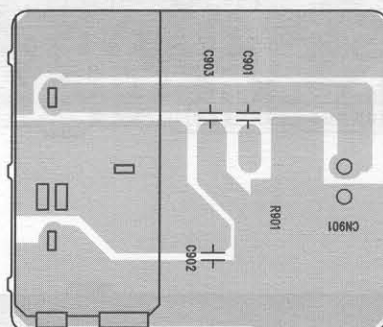
# DIGITAL PROCESSING SCHEMATIC DIAGRAM - SCHEMA DU TRAITEMENT DIGITAL - SCHALTBILD DIGITAL TRATAMIENTO DIGITAL





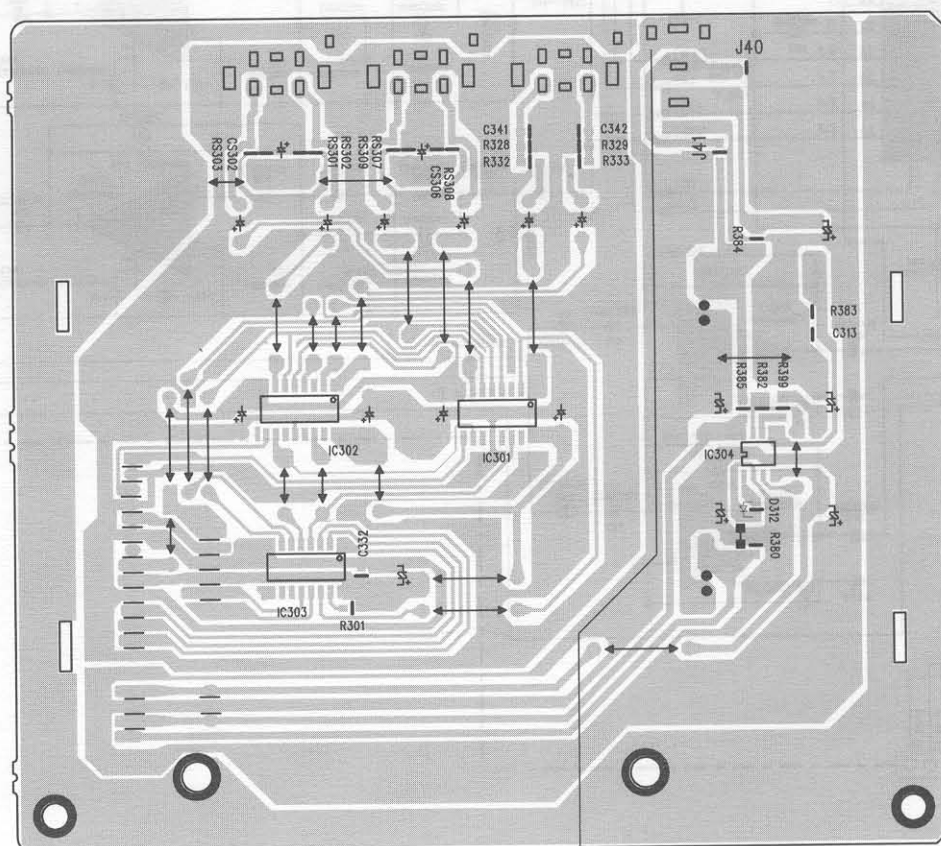
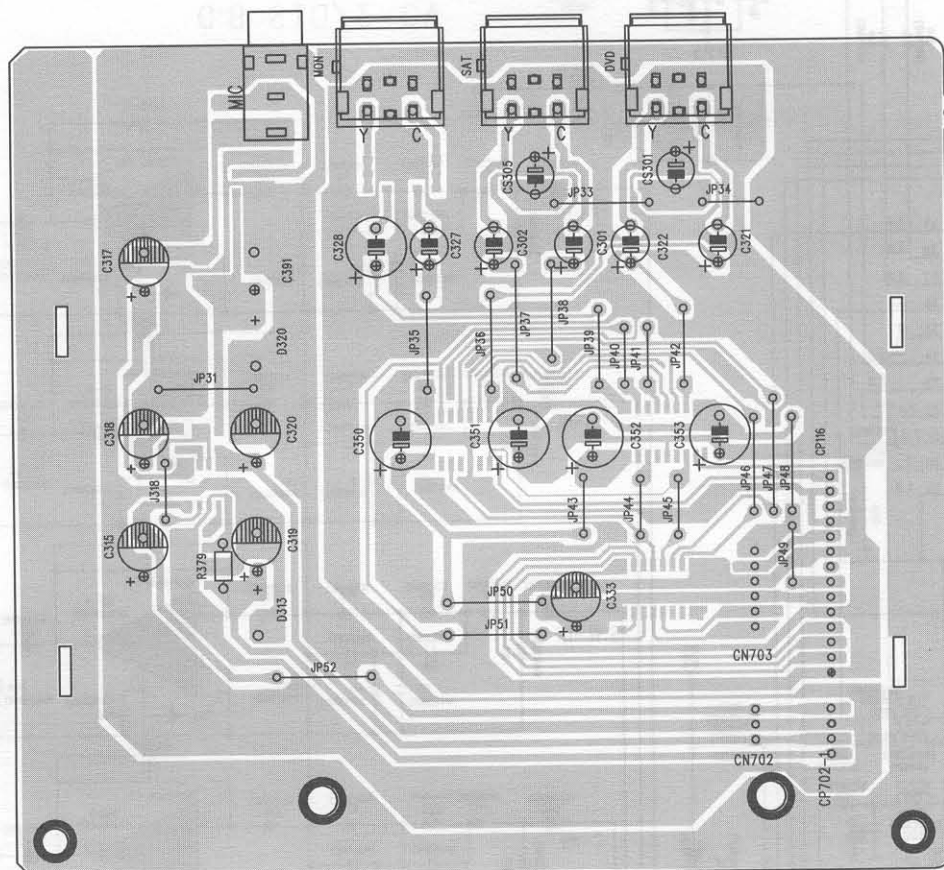


Video input/output  
Platine des entrées  
Ltpl. video entrée  
Piastra ingresso  
Platina entrada



1. KEY-IN  
2. KEY-OUT  
3. KEY-IN  
4. Vdd  
5. GND  
6. MODE-SET

Component side  
Côté composants  
Bestückungsseite  
Lato componenti  
Lado componentes



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