

SERVICE MANUAL
DOCUMENTATION TECHNIQUE
TECHNISCHE DOKUMENTATION
DOCUMENTAZIONE TECNICA
DOCUMENTACION TECNICA

THOMSON DPL 500
DPL 550 HT

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.



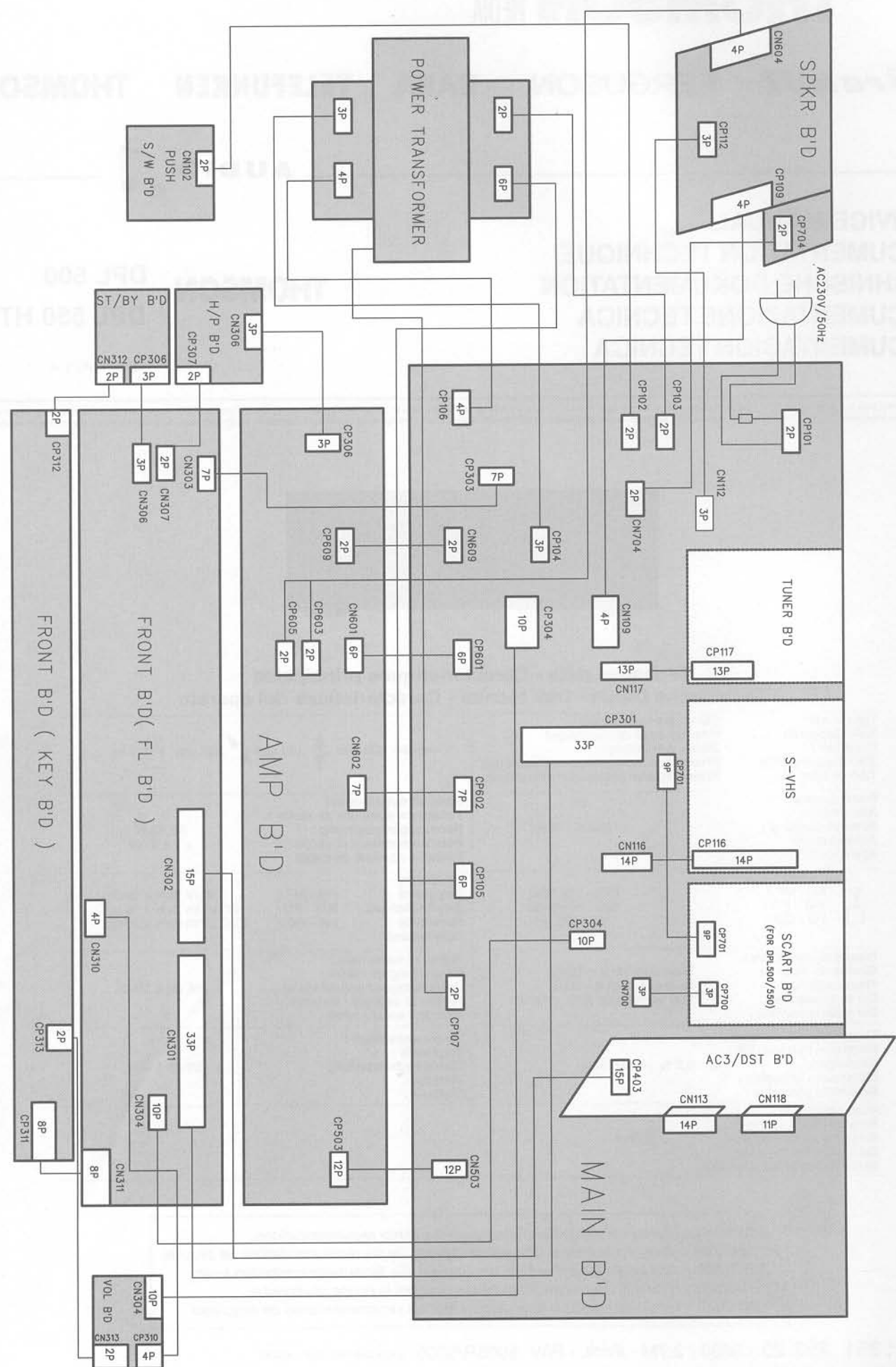
Technical data - Caractéristiques principales
Technische Daten - Dati tecnici - Características del aparato

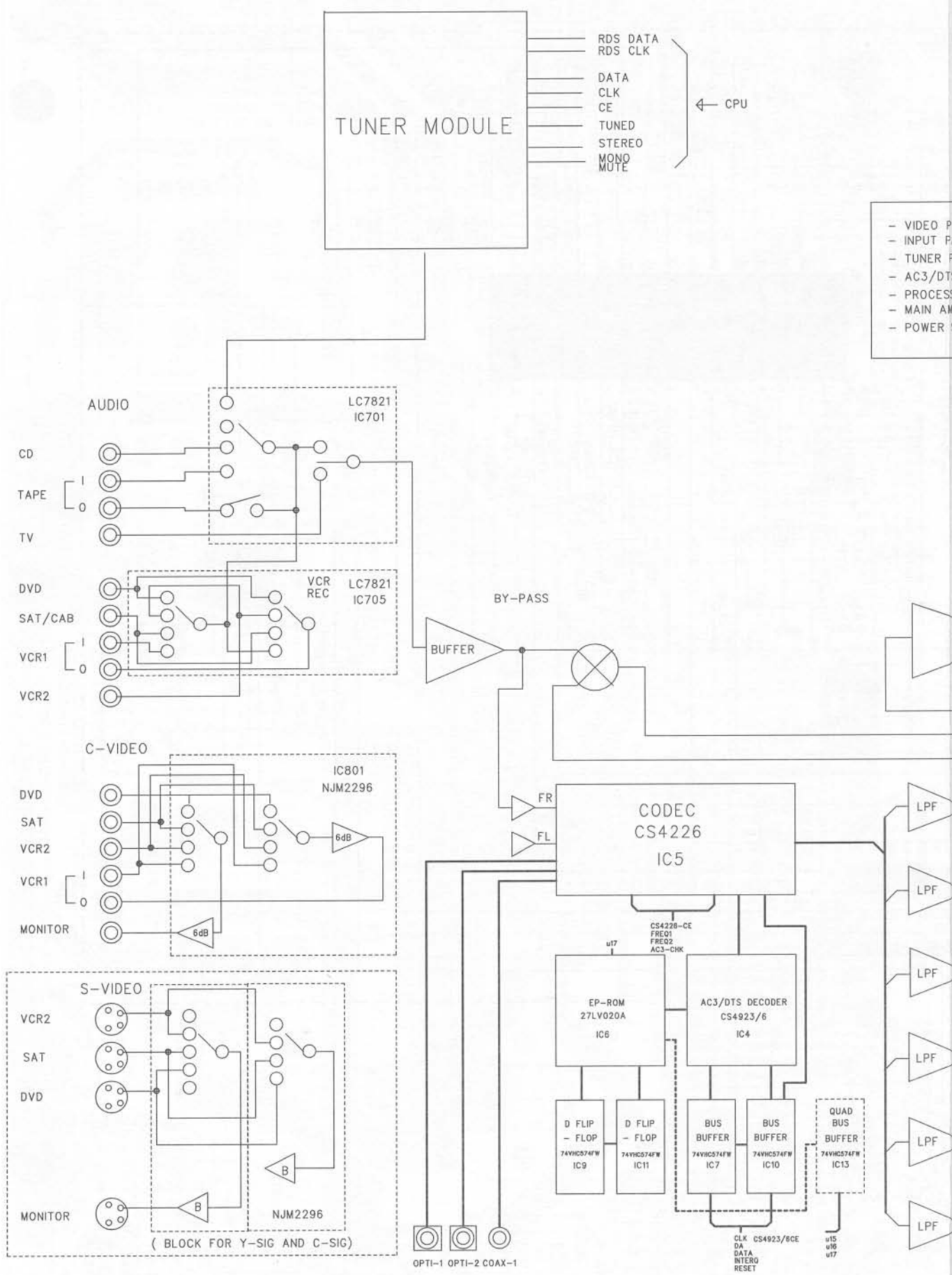
Type of set : Type d'appareil : Geräteart : Tipo d'apparecchio : Tipo de aparato :	Stereo pre-main amplifier Préampli-ampli stéréophonique Stéreo-Vollverstärker Preamplificatore-amplificatore stereofonico Préamplificador-amplificador estereofónico	 430 mm 140 mm 350 mm  10 kg
Power supply : Alimentation : Stromversorgung : Alimentazione : Alimentación :	~ 230 V - 50Hz	Nominal output power : Puissance nominale de sortie : Nennausgangsleistung : Potenza nominale di uscita : Potencia nominal de salida :
 FM - MF : MW - PO : LW - GO :	87,5 - 108 MHz 522 - 1620 kHz 153 - 279 kHz	5 x 50 W + 1 x 50 W
Frequency response : Courbe de réponse : Frequenzgang : Curva di risposta : Curva de respuesta :	Front amp 15Hz - 70 kHz Rear amp 120Hz - 7kHz Sub woofer amp 20Hz - 70kHz	Sensitivity : Sensibilité : Empfindlichkeit : Sensibilità : Sensibilidad :
Total harmonic distortion : Distorsion harmonique : Klirrfaktor : Distorsione armonica : Distorsión armónica :	0,2 % (-6 dB 1kHz)	FM - MF : 6 µV (S/N = 26 dB) MW - PO : 600 µV/m (S/N = 20 dB) LW - GO : 1500 µV/m (S/N = 20 dB)
Input sensitivity Sensibilité des entrées Eingangsempfindlichkeit Sensibilità dei ingressi Sensibilidad de las entradas	200mV	Signal to noise ratio : Rapport signal / bruit : Geräuschspannungsabstand : Rapporto segnale / disturbo : Relación señal / ruido :
		65 dB à 1kHz
		Stereo separation : Diaphonie : Übersprechdämpfung : Diafonia : Diafonia :
		60 dB à 1kHz

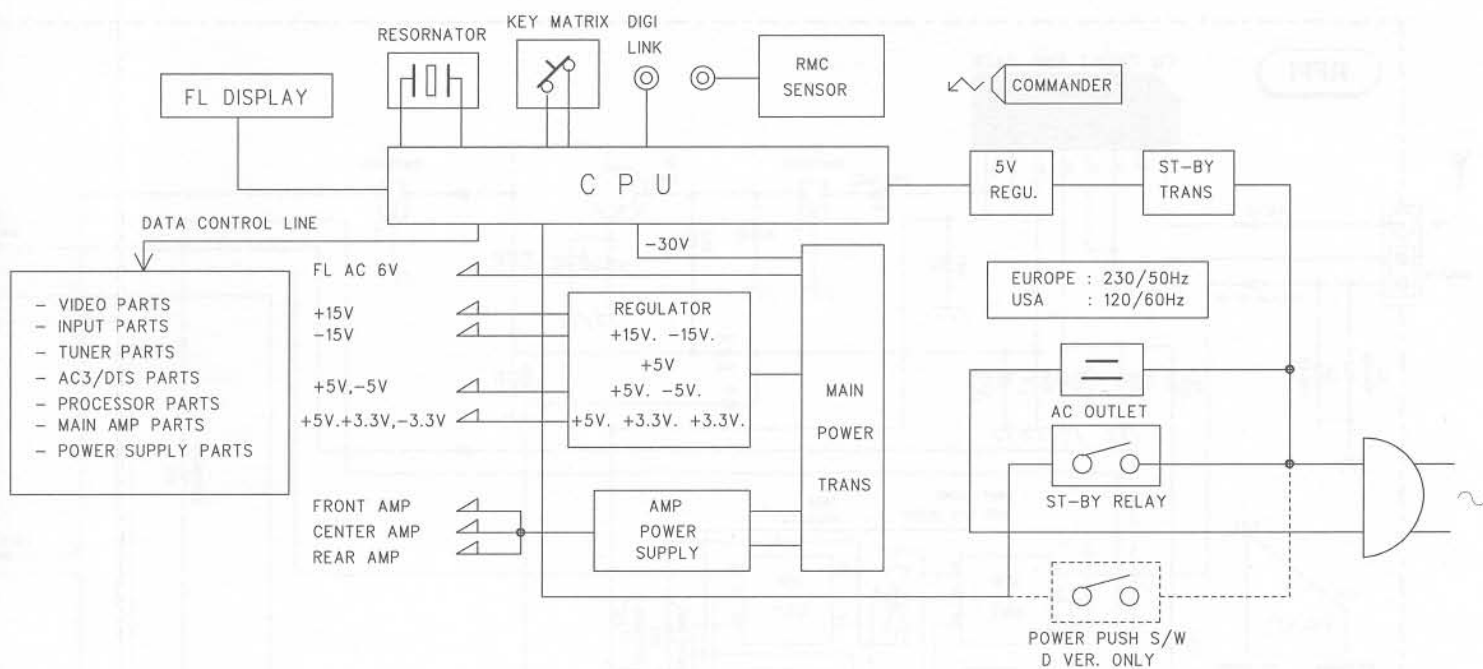


WARNING : Before servicing this chassis read the safety recommendations.
ATTENTION : Avant toute intervention sur ce châssis, lire les recommandations de sécurité.
ACHTUNG : Vor jedem Eingriff auf diesem Chassis, die Sicherheitsvorschriften lesen.
ATTENZIONE : Prima di intervenire sullo chassis, leggere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

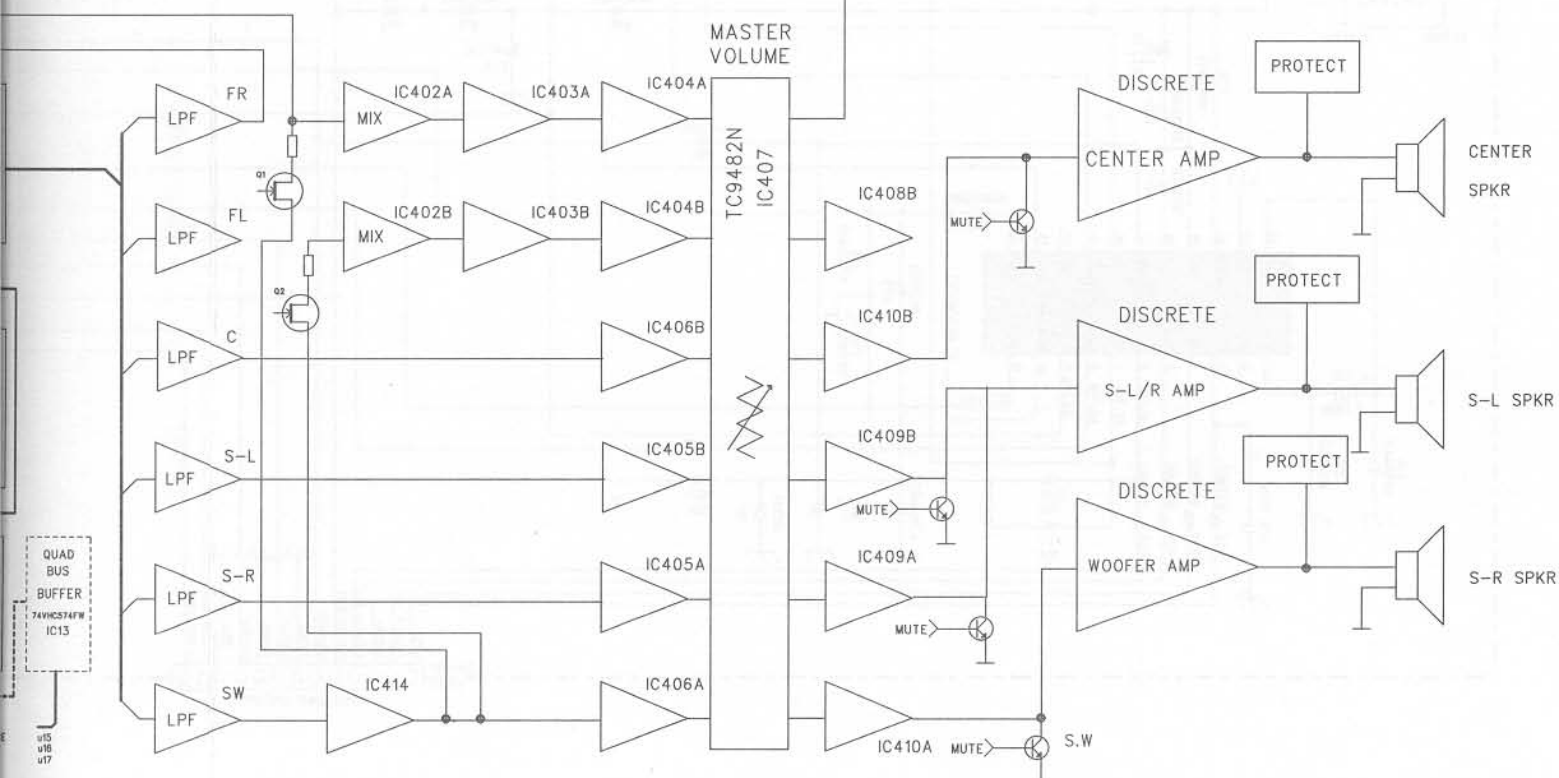
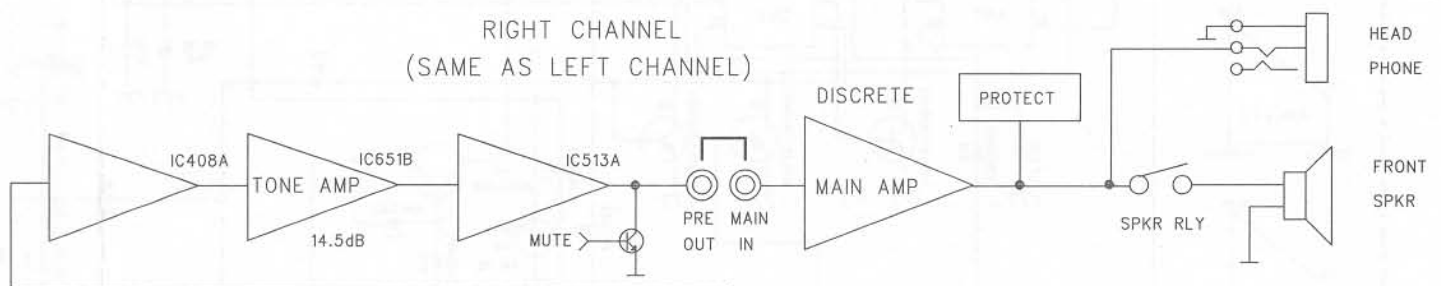
WIRING DIAGRAM - SCHEMA D'INTERCONNEXIONS - VERDRAHTUNGSPLAN -
DIAGRAMMA DELLE INTERCONNESSIONI - ESQUEMA DE INTERCONEXIONES



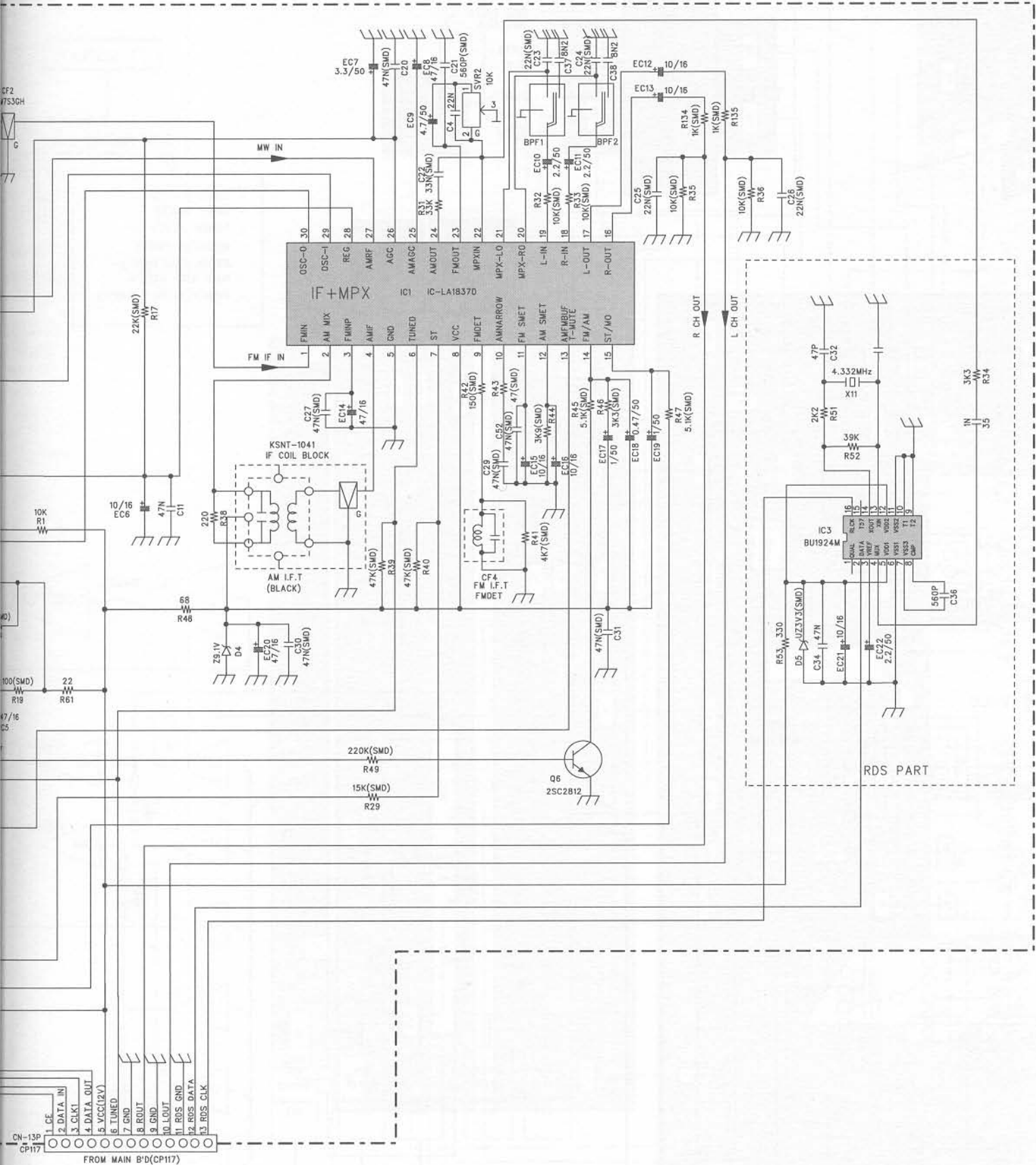




RIGHT CHANNEL (SAME AS LEFT CHANNEL)







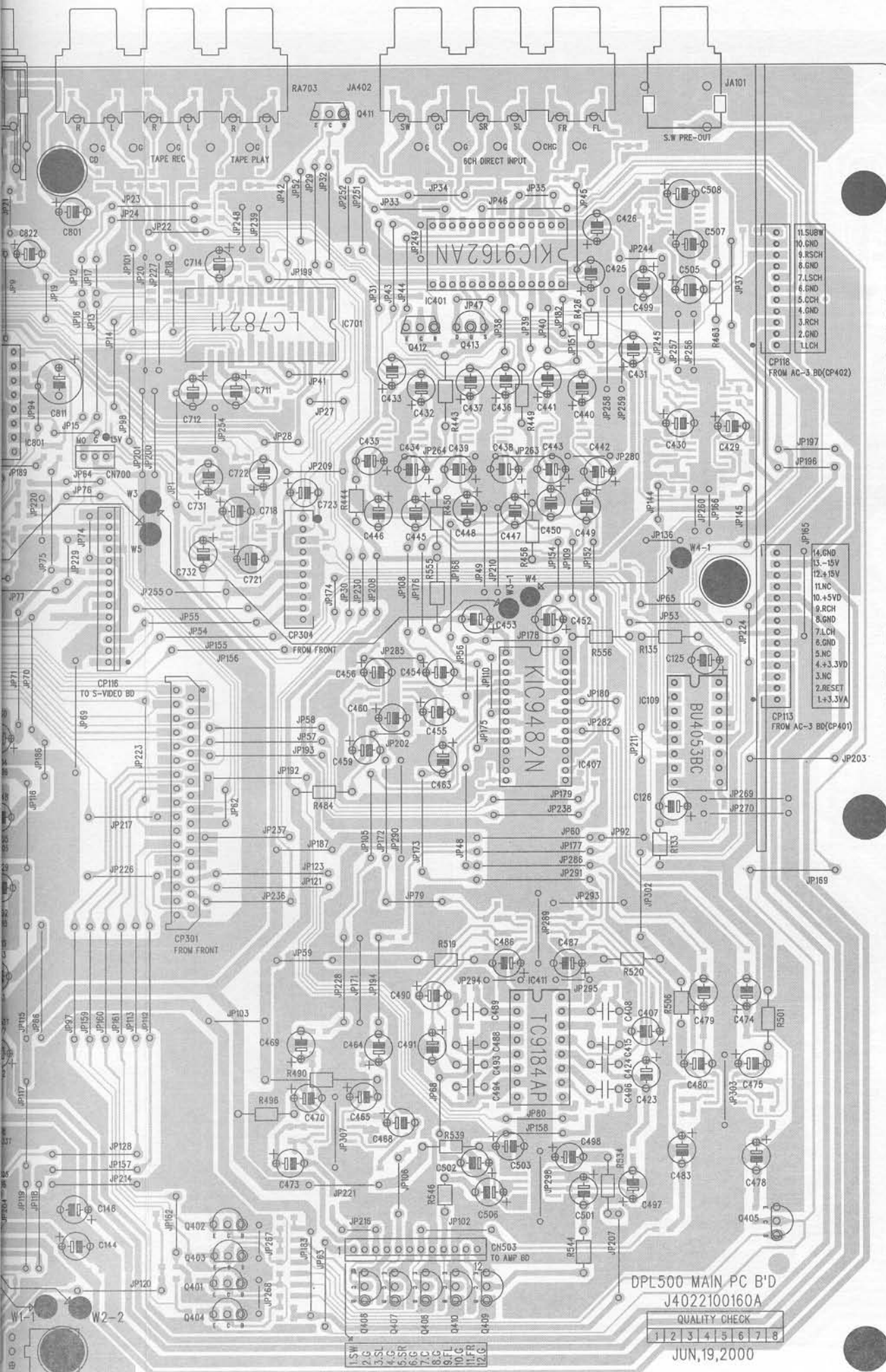
"CAUTION -FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, AND RATINGS OF FUSE"

"ATTENTION -UTILISER UN FUSIBLE DE RECHANGE DE MEME TYPE ET PUISSANCE"

F101	MODEL
T3.15A L/250V	DPL500/550
T4A L/250V	DPL2000

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

Component side
 Côté composants
 Bestückungsseite
 Lato componenti
 Lado componentes



DPL500 MAIN PC B'D
 J4022100160A

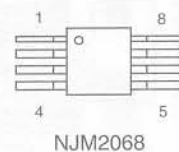
QUALITY CHECK
 1 2 3 4 5 6 7 8

JUN,19,2000

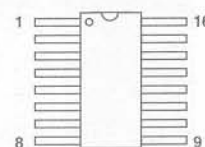
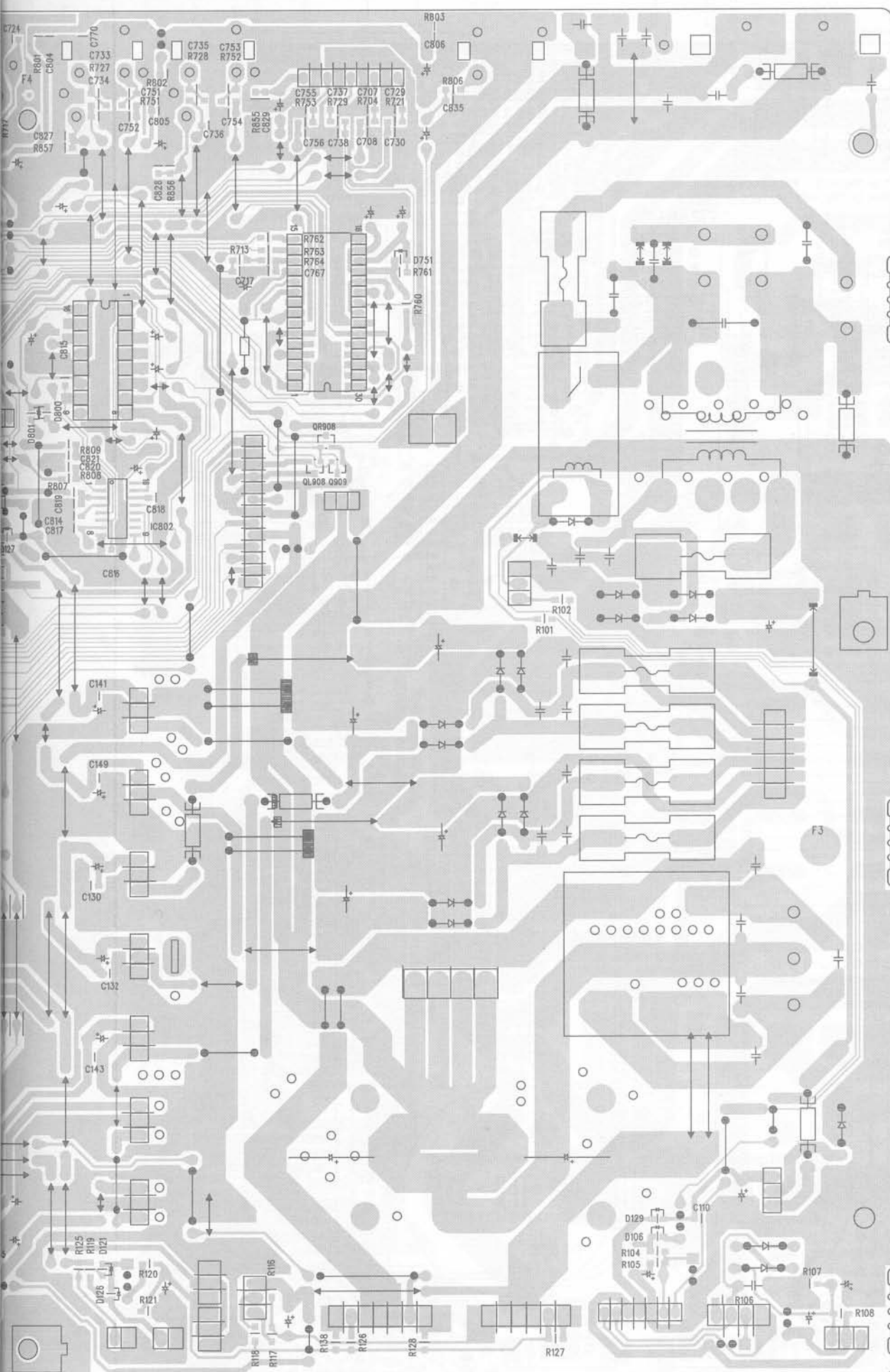
DPL500 MAIN PC B'D
J4022100160A

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

Solder side
 Côté soudure
 Lötseite
 Lato saldature
 Lado del cobre



NJM2068


 BU4094
 MJM2296


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



MPSA56



2SC1740S
BKTA1266
KTD1302



2SK117Y



78M15
78M05
78M06
KIA7805

BA033T



79M05
79M15



DTA114
DTC114

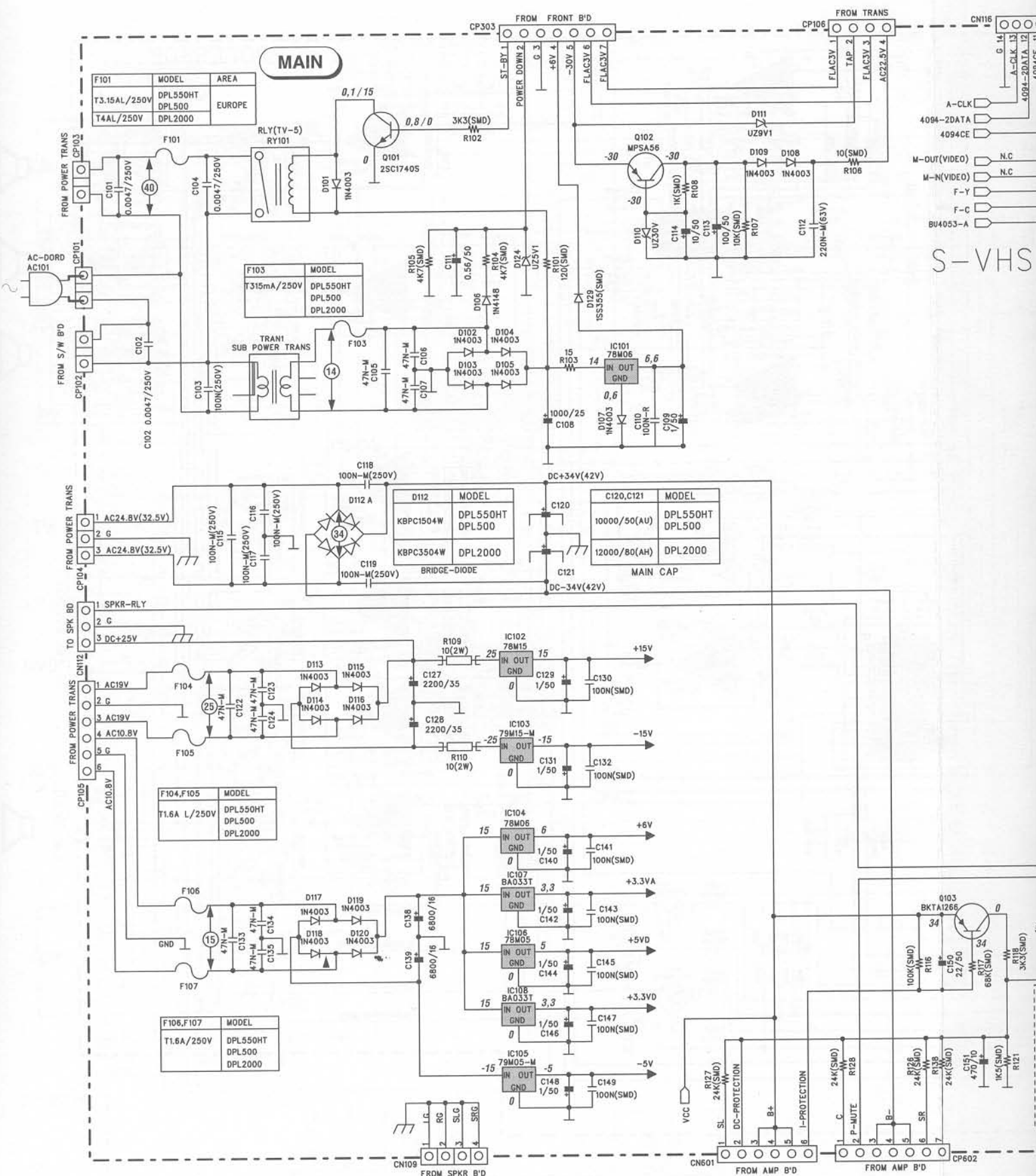
JUN,19,2000

DPL550HT MAIN PC B'D
J4022100140A

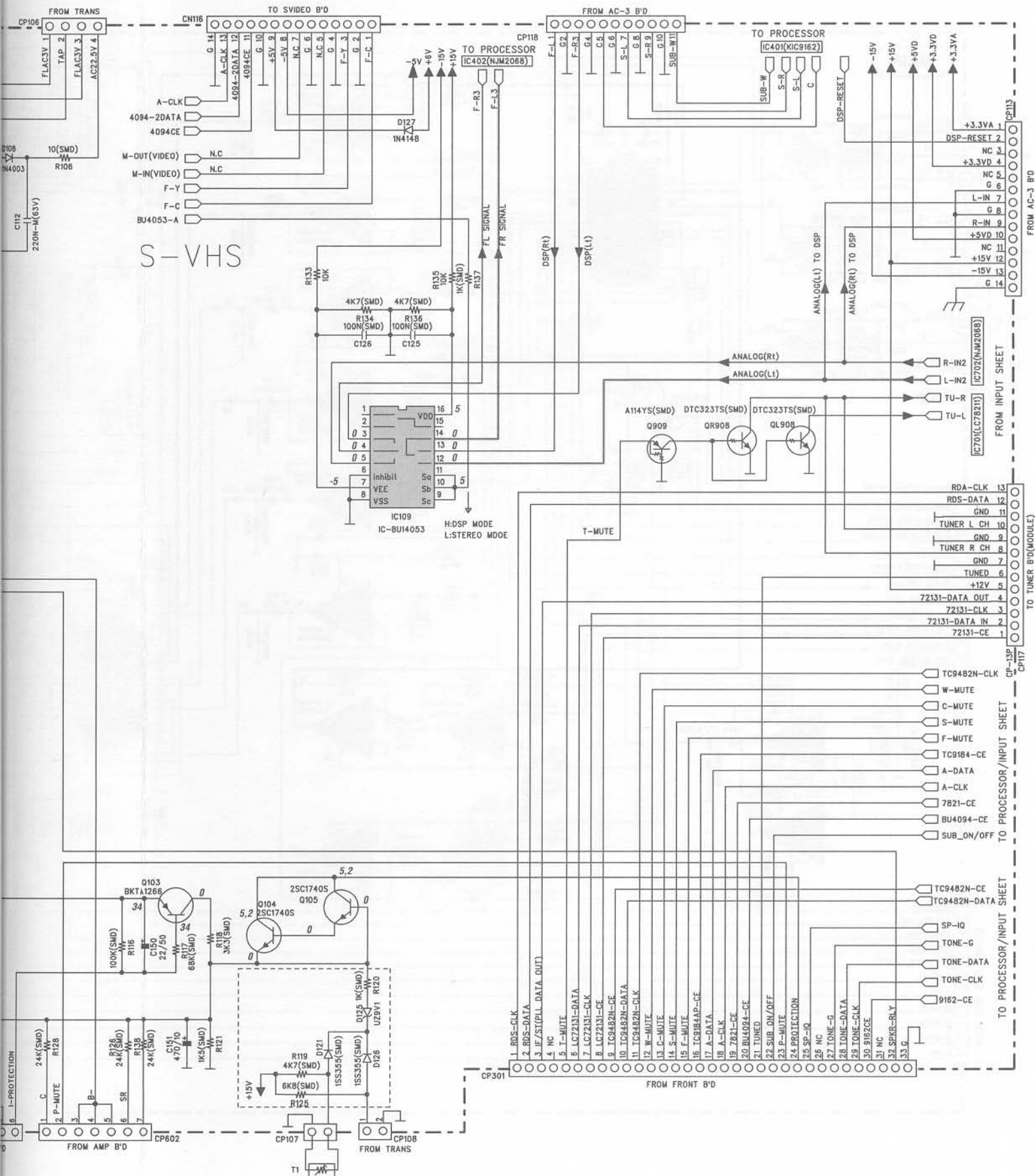
Solder side
Côté soudure
Lötseite
Lato saldature
Lado del cobre



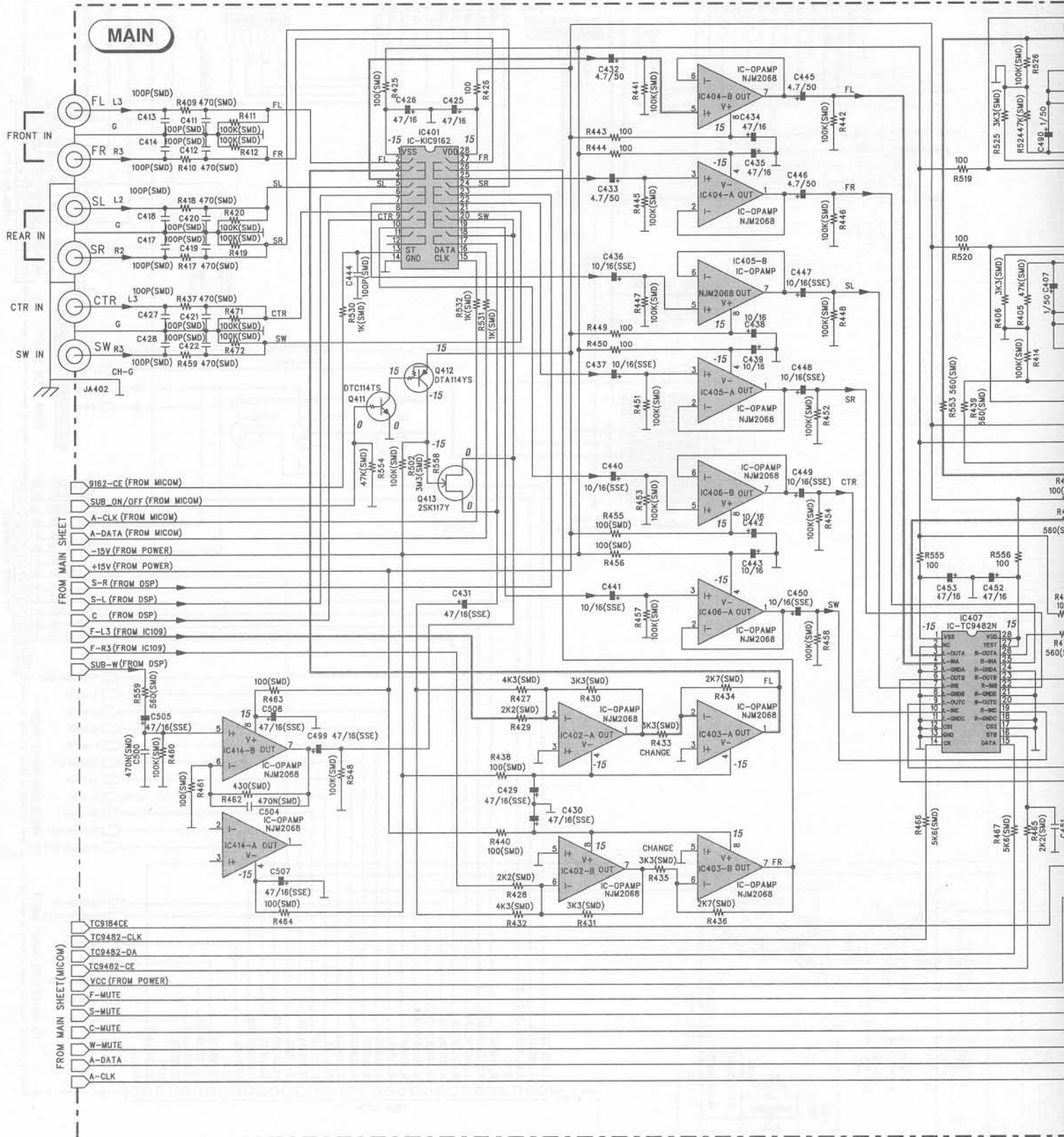
MAIN SCHEMATIC DIAGRAM - SCHE PRINCIPAL (POWER SUPPLY PART)

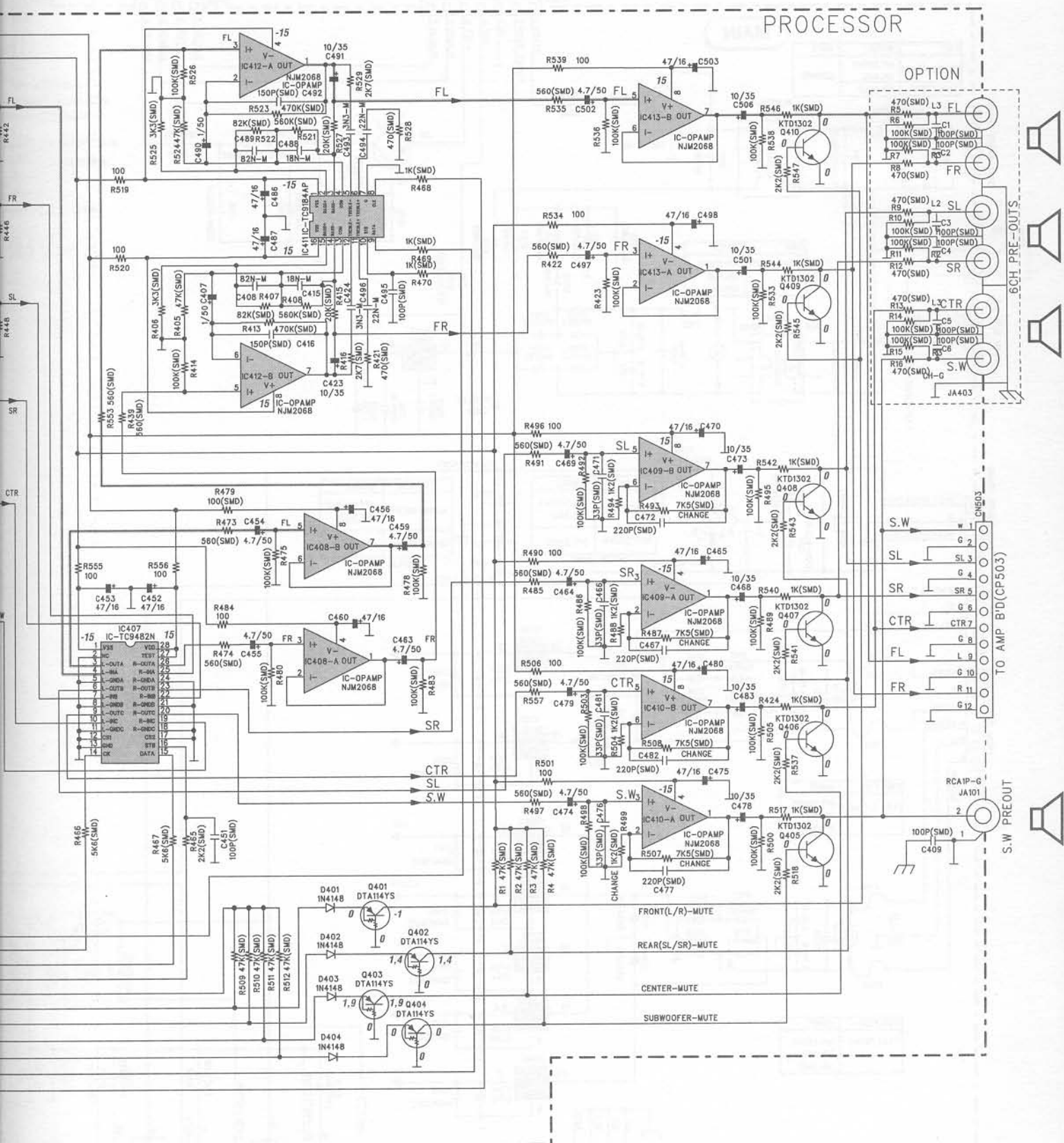


NDPLATTE SCHALTBILD - SCHEMA DELLA PIASTRA PRINCIPALE- ESQUEMA DE LA PLATINA

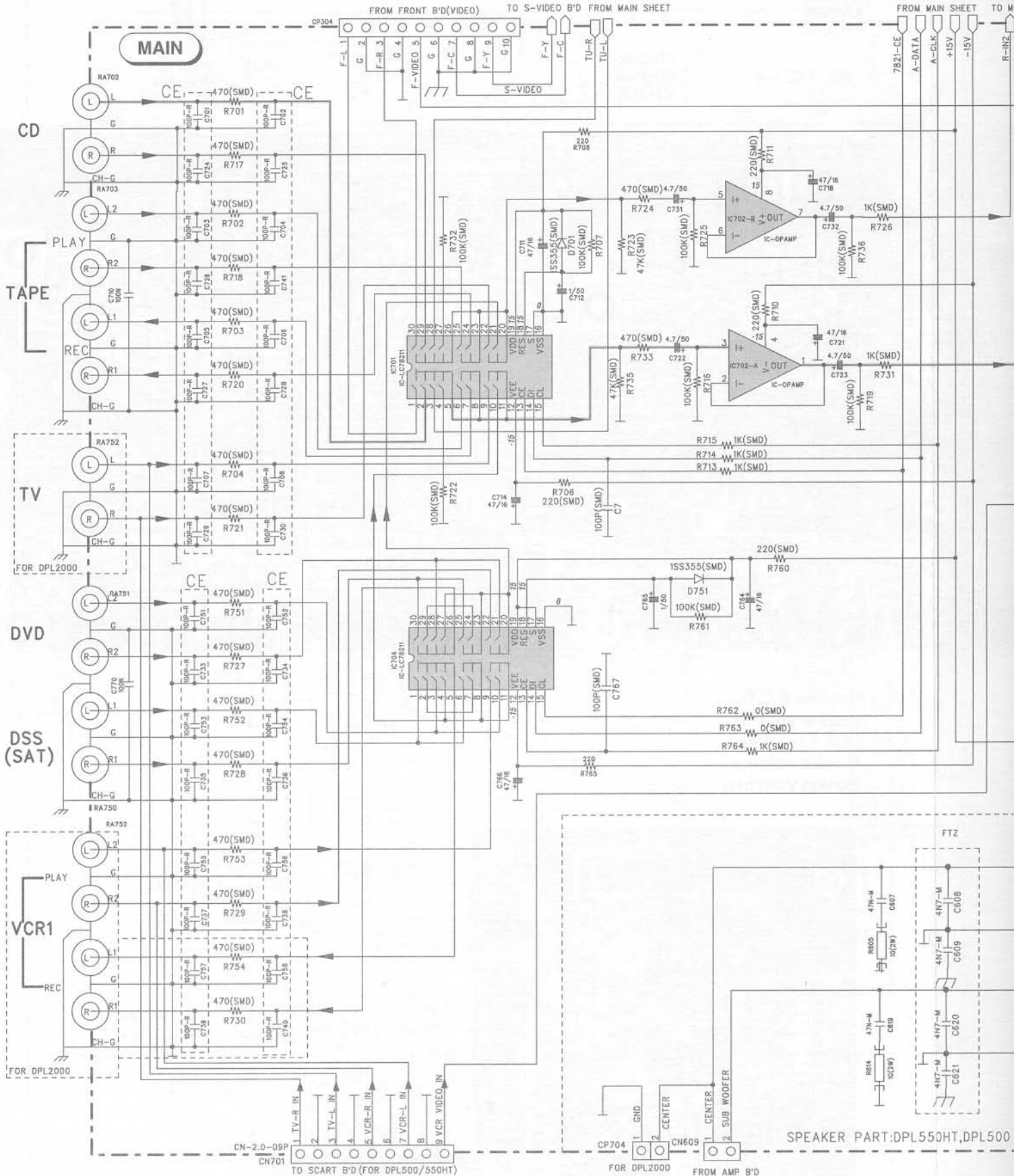


MAIN SCHEMATIC DIAGRAM - SCHEMA DE LA PLATINE PRINCIPALE - GRUNDPLATTE SCHALTBILD - PRINCIPAL (PRE-AMPLIFIER PART)





MAIN SCHEMATIC DIAGRAM - SCHEMA DE LA PLATINE PRINCIPALE - GRUNDPLATTE SCHALTBIL
PRINCIPAL (INPUT/OUTPUT PART)

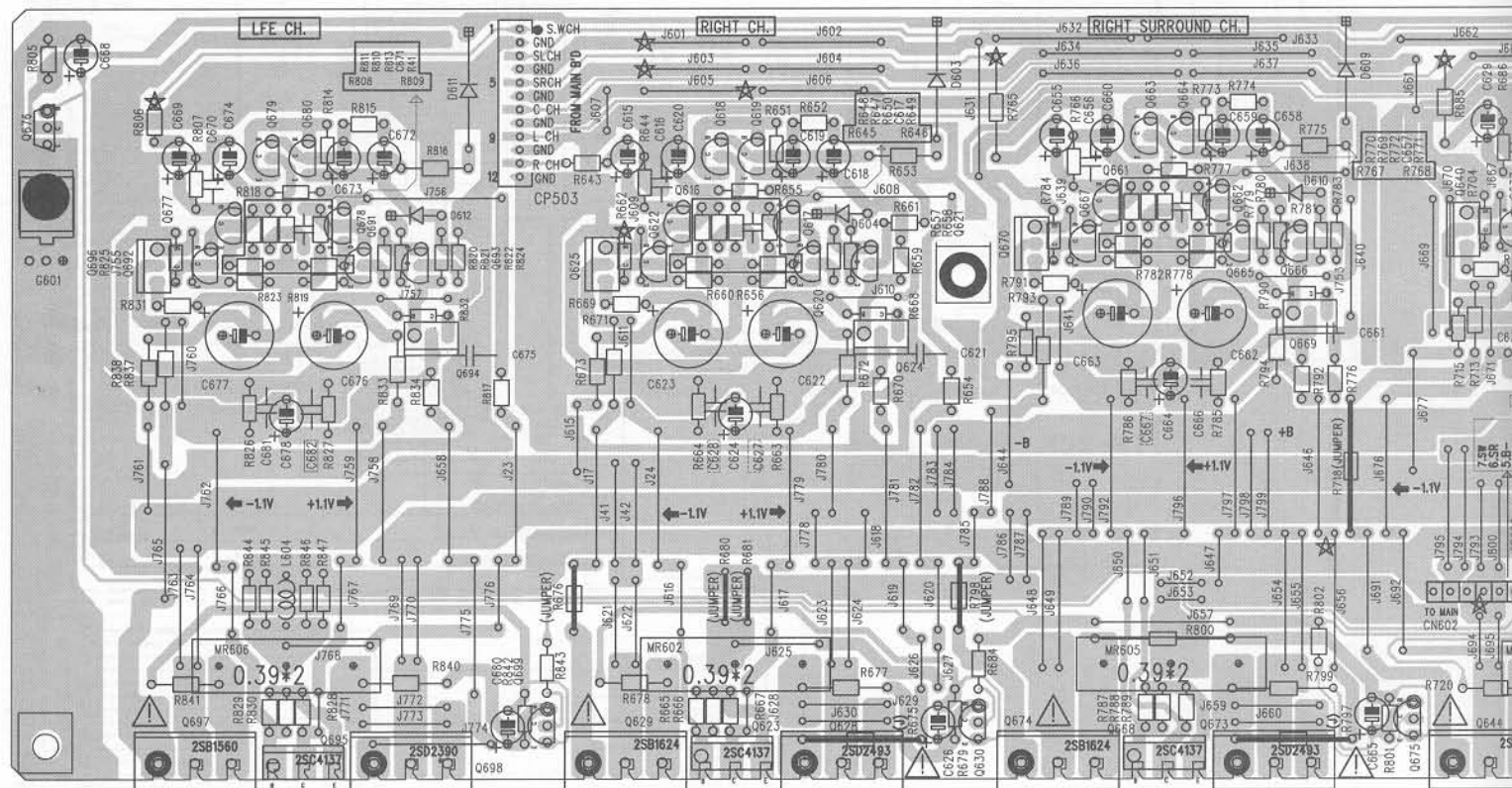




Amplifier P.C.B.
 Platine amplificateur
 Ltpl. Endverstärker
 Piastra amplificatore
 Platina amplificador



KTA126
 KTA126
 KTC320



Volum
 Platin
 Ltpl. I
 Piastr
 Platin



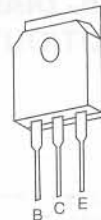
KTA1268
KTA1266
KTC3200



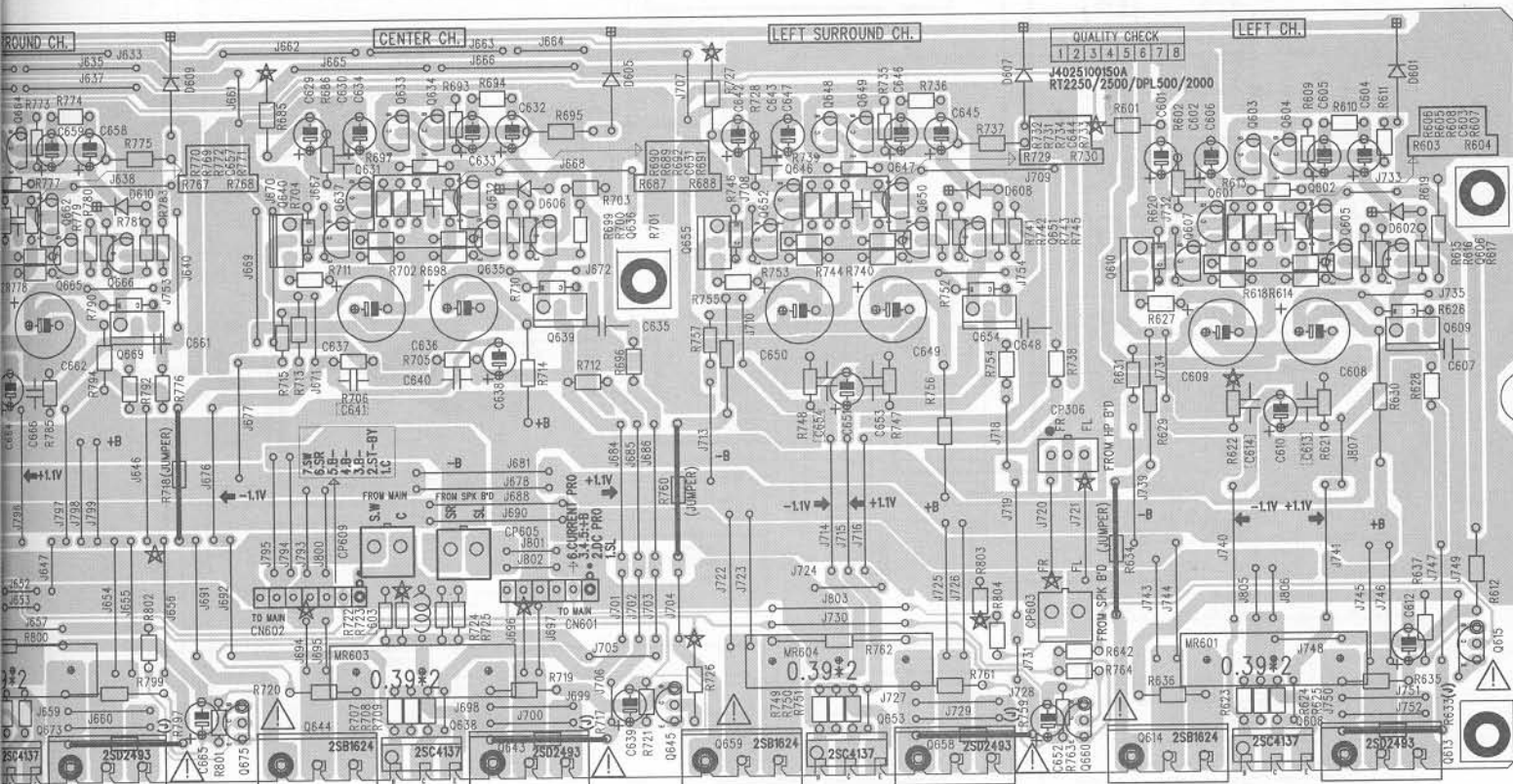
KTC3206
KTA1024
C114YS



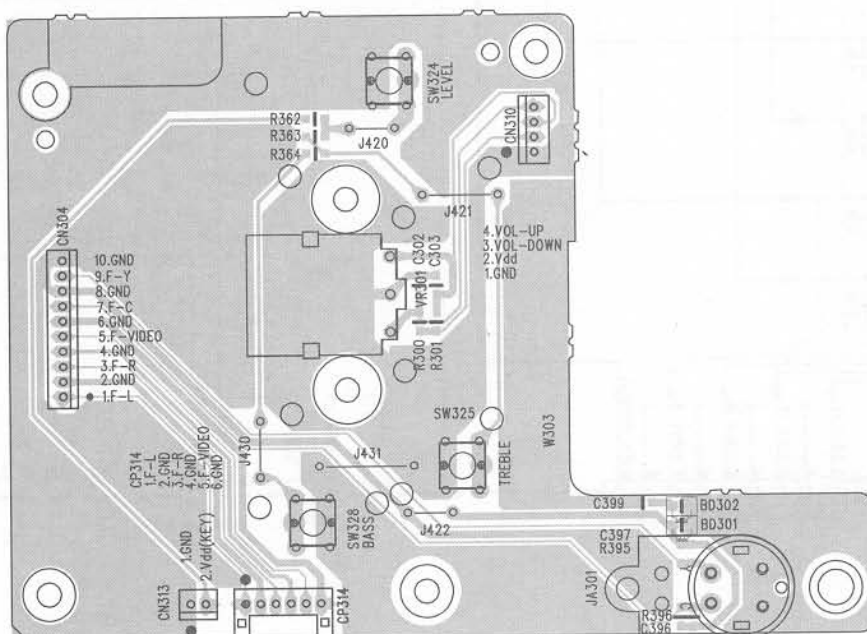
2SC4137



2SD2493
2SB1624

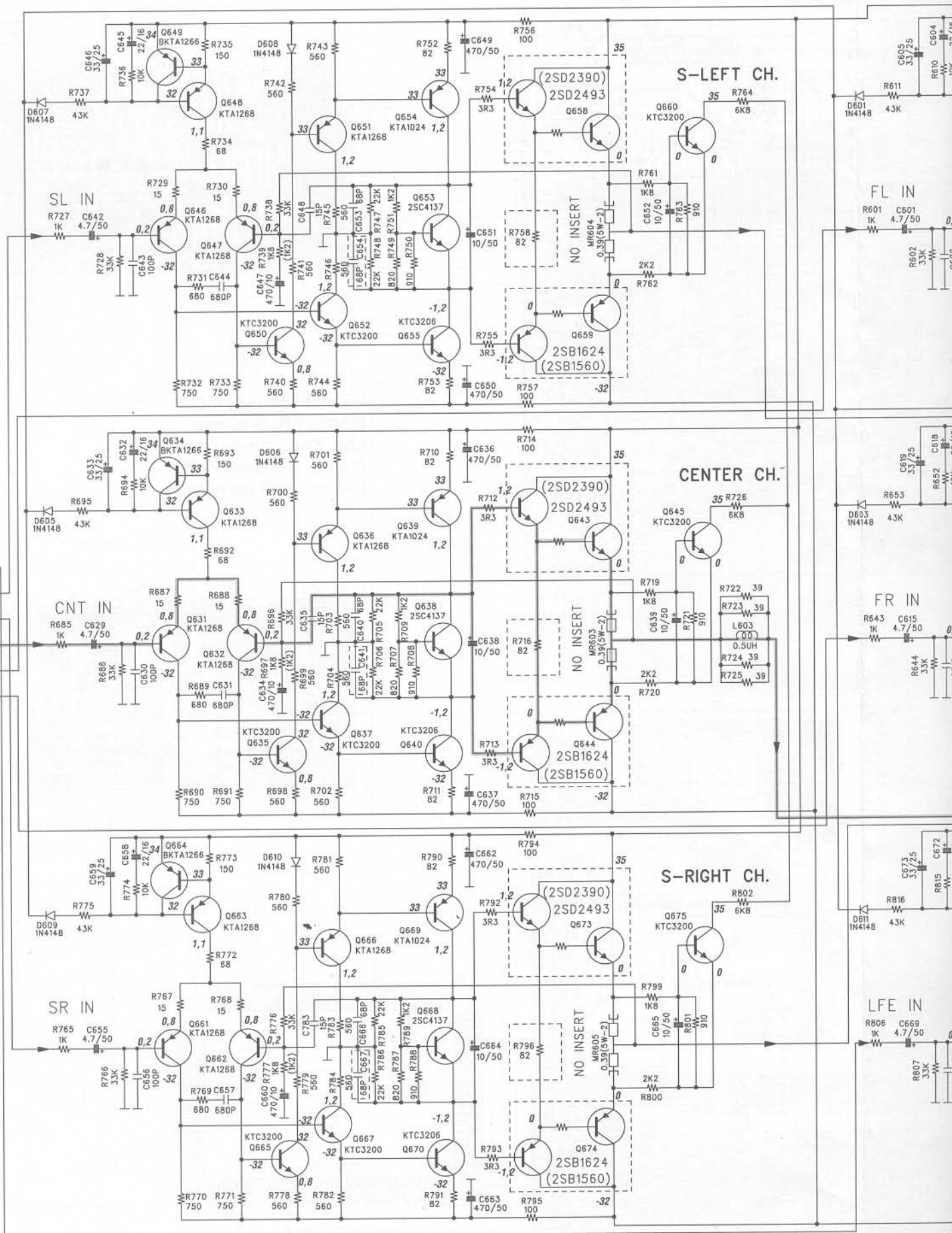


Volume P.C.B.
Platine volume
Ltpl. Lautstärke
Piastra volume
Platina volumen

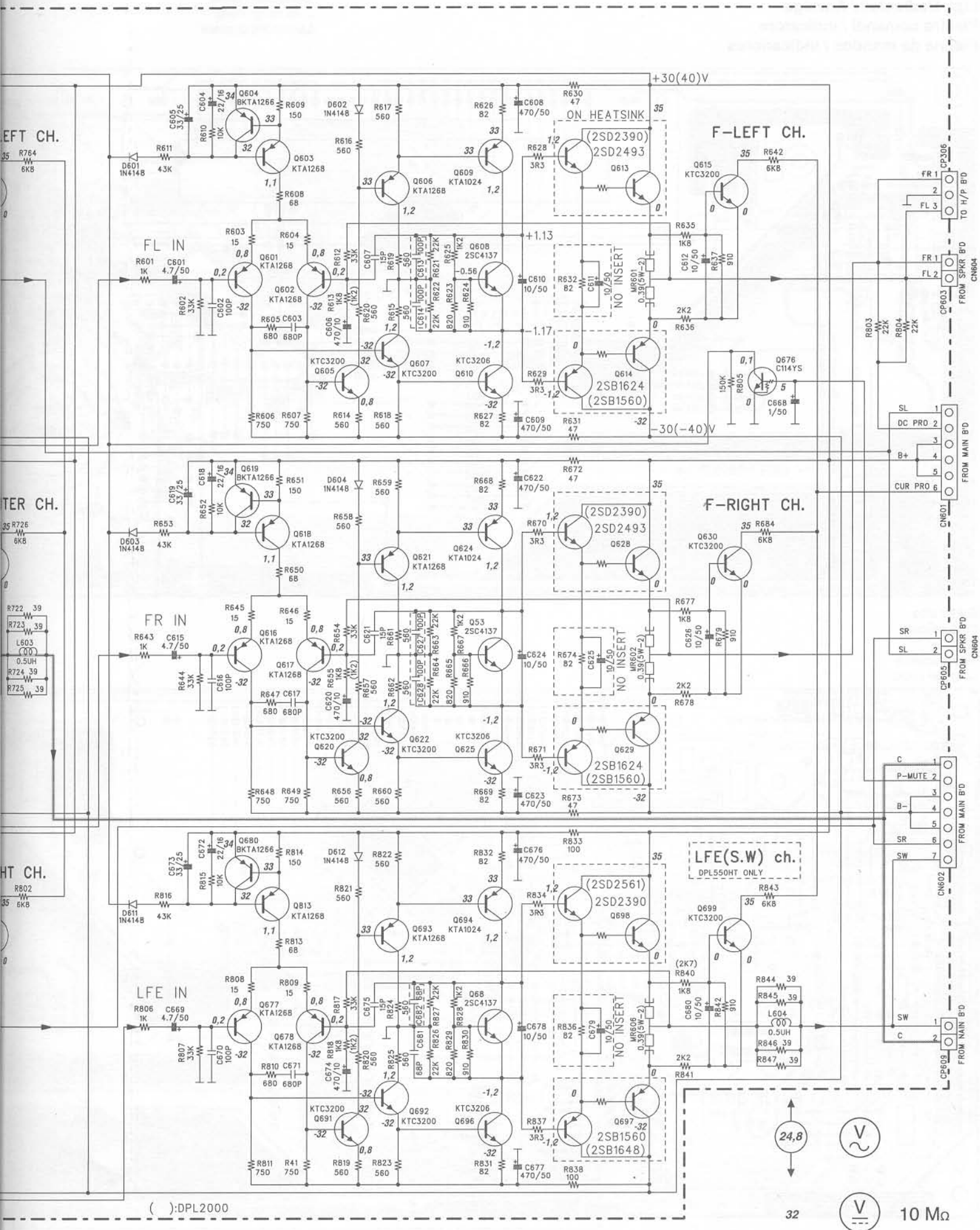


AMPL

FROM PROCESSOR B/D
1 SW
2 G
3 SL
4 G
5 SR
6 G
7 G
8 G
9 FL
10 G
11 FR
12 G

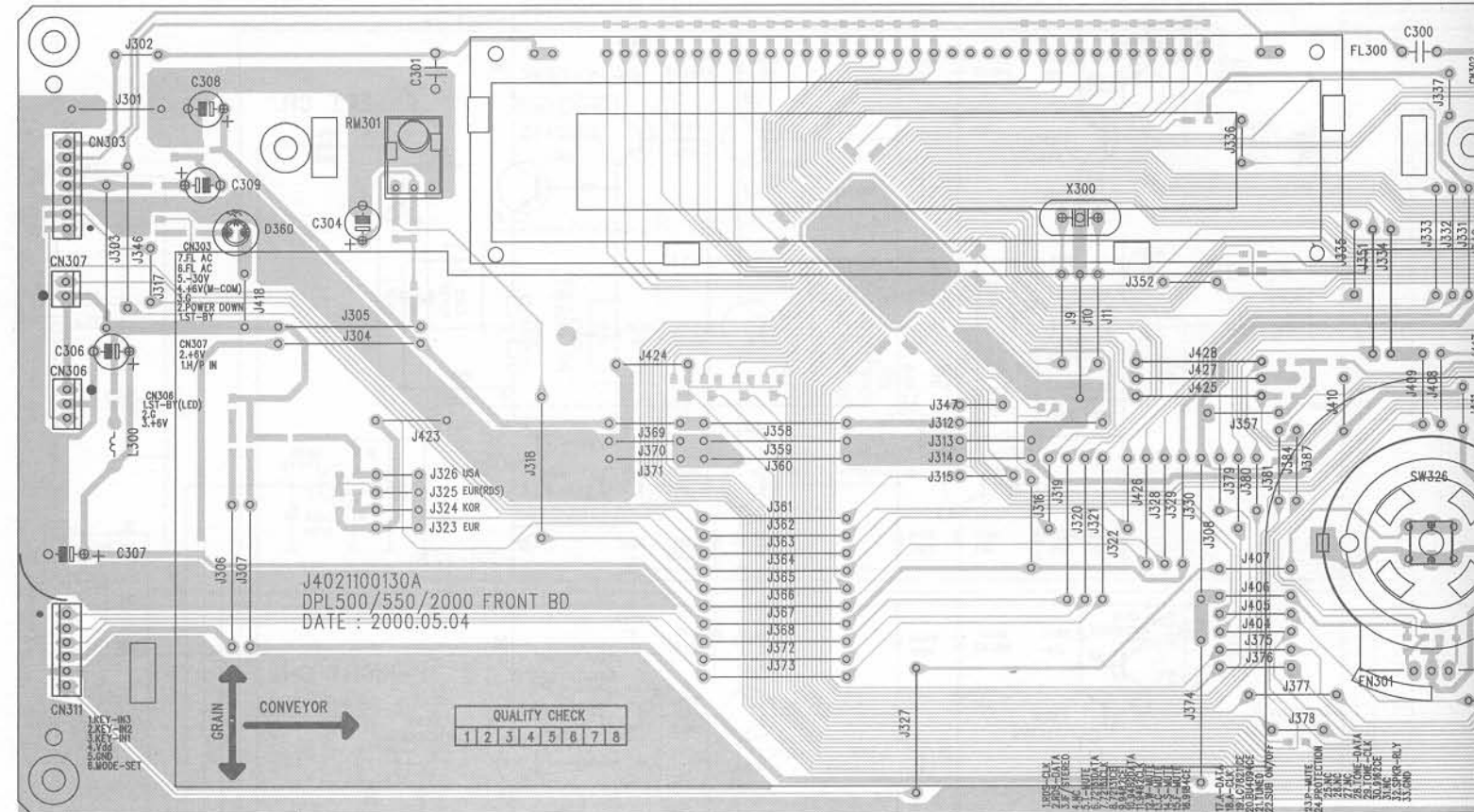


():DPL200

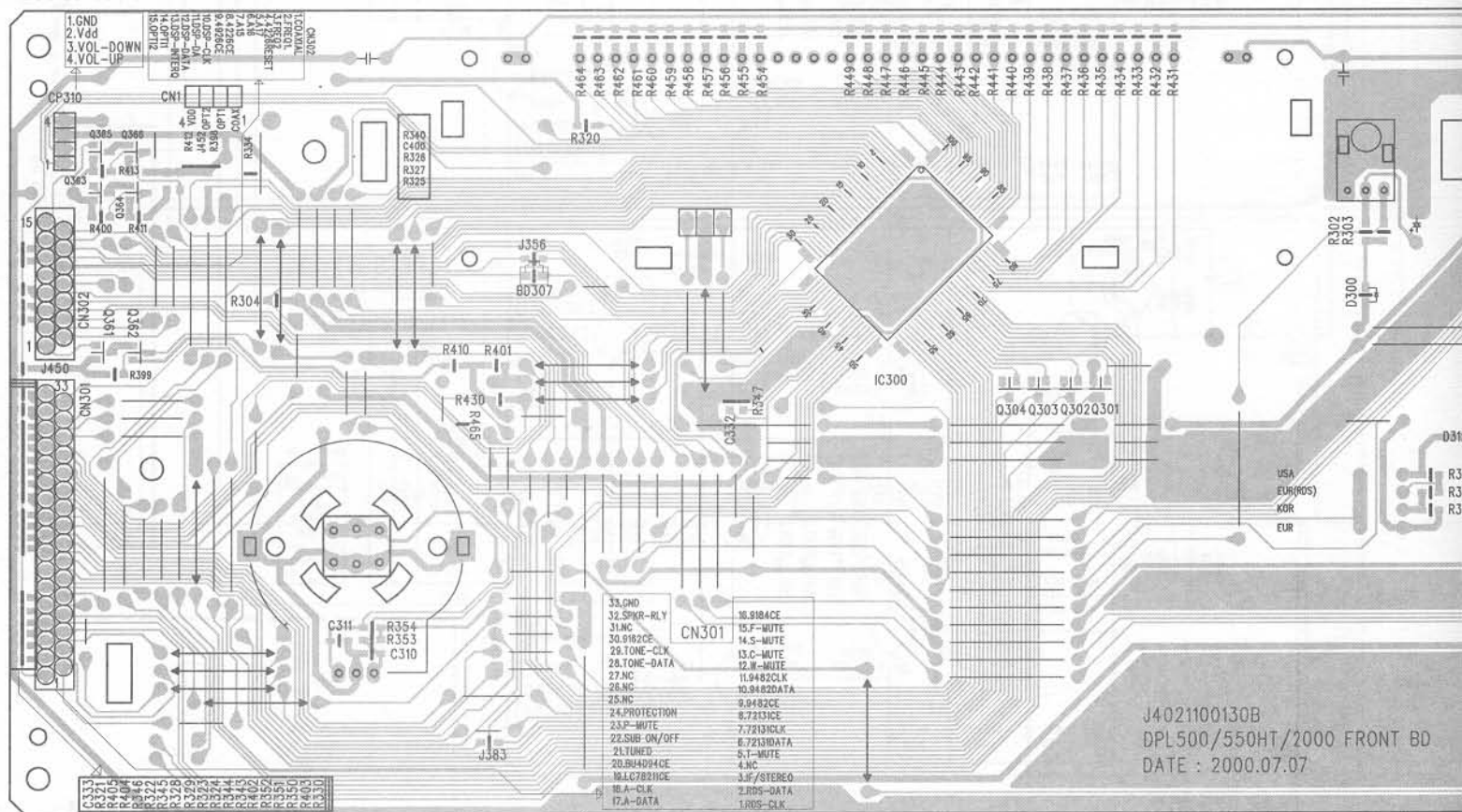


Controls / display P.C.B.
 Platine commandes / afficheurs
 Ltpl. Bedienteil / Anzeige
 Piastra comandi / indicatori
 Platina de mandos / indicadores

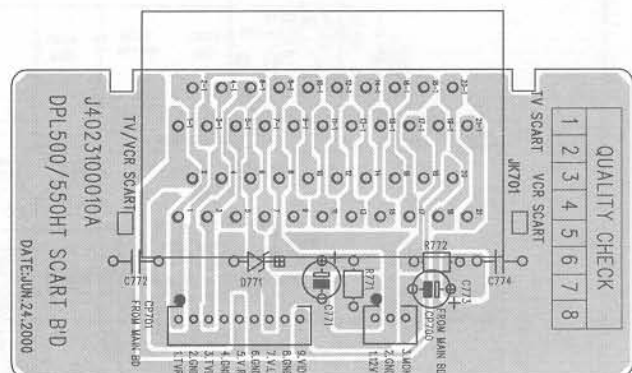
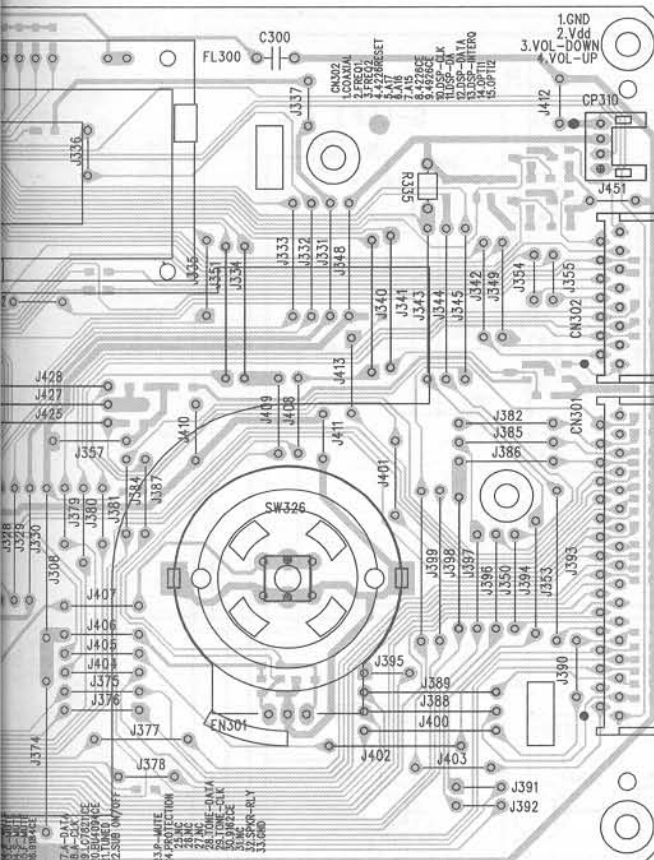
Component side
 Côté composants
 Bestückungsseite
 Lato componenti
 Lado componentes



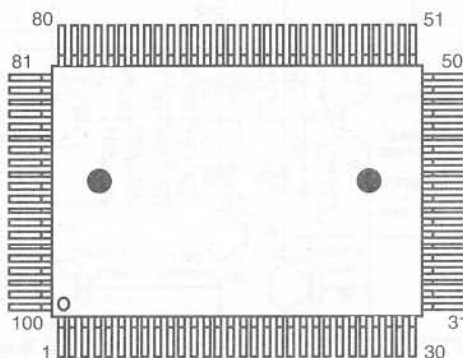
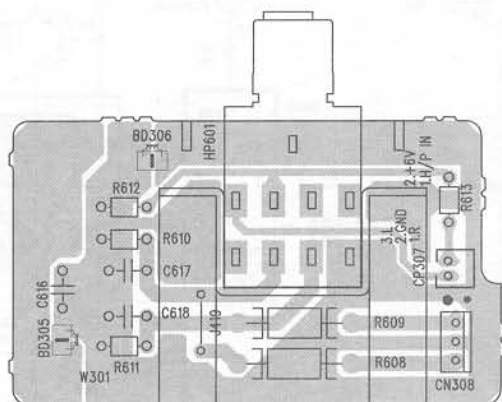
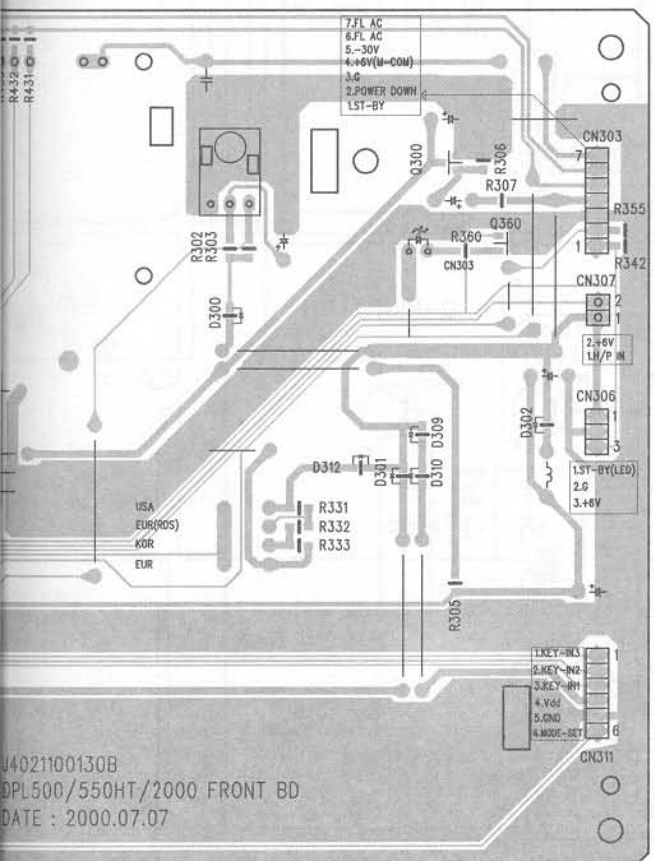
Solder side
 Côté soudure
 Lötseite
 Lato saldature
 Lado del cobre



Scart interface P.C.B.
Platine interface péritélévision
Ltpl. Europa Normbuchse
Piastra presa peritel
Platina eurotoma

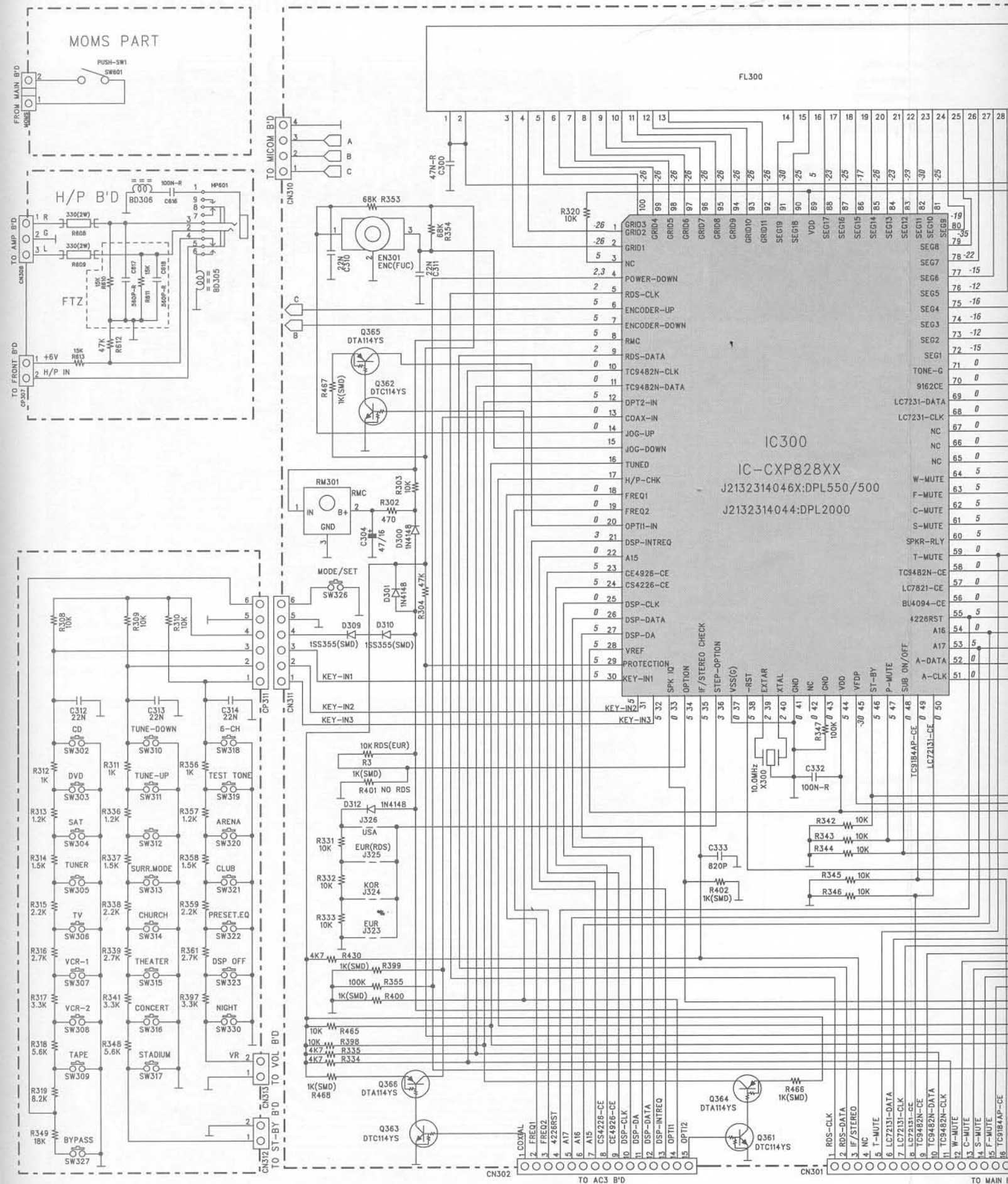


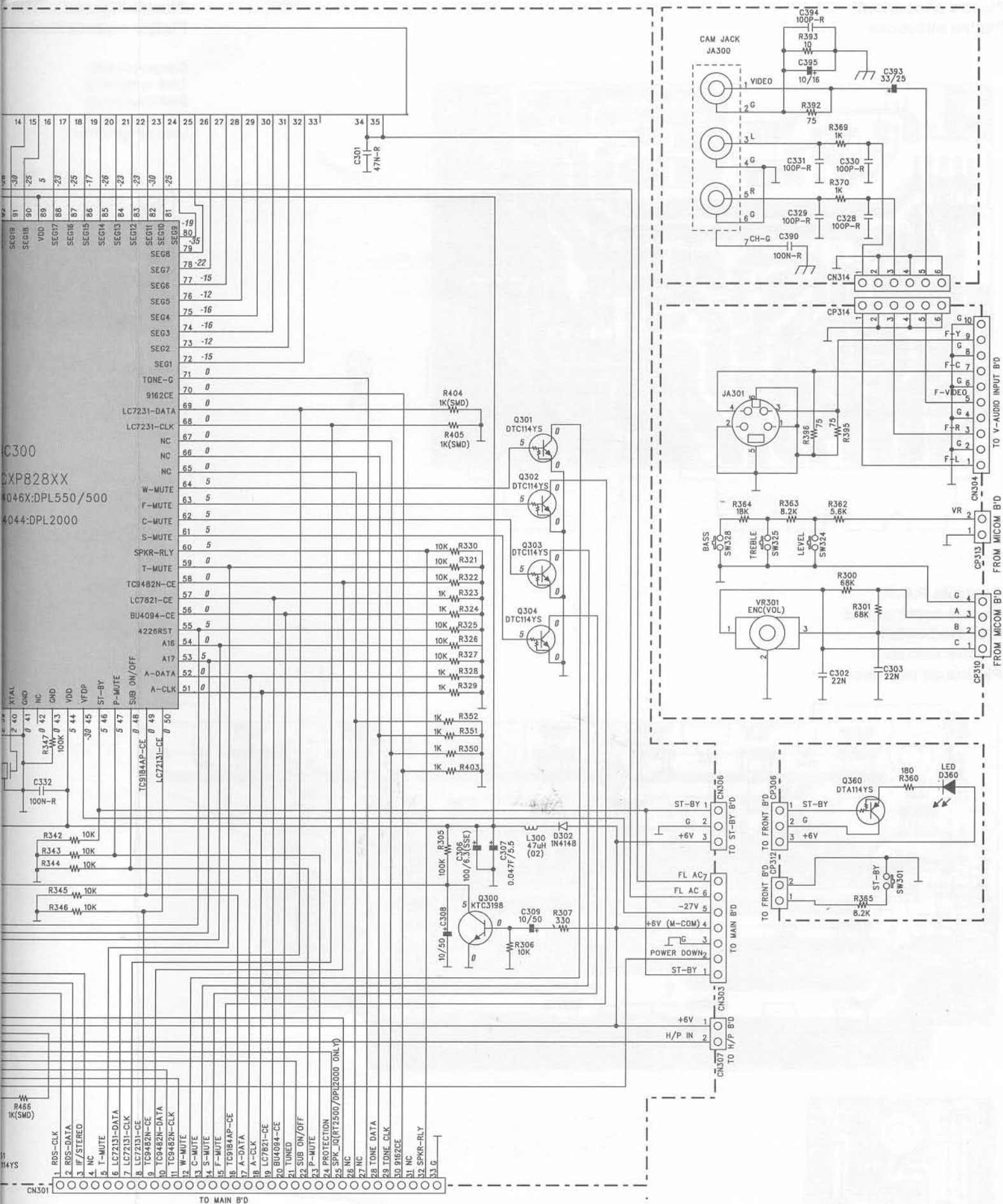
Headphone-jack P.C.B.
Platine prise-casque
Ltpl. Kopfhörerbuchse
Piastra presa per cuffia
Platina toma auriculares



CXP828XX

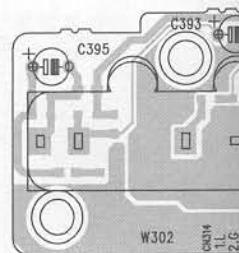
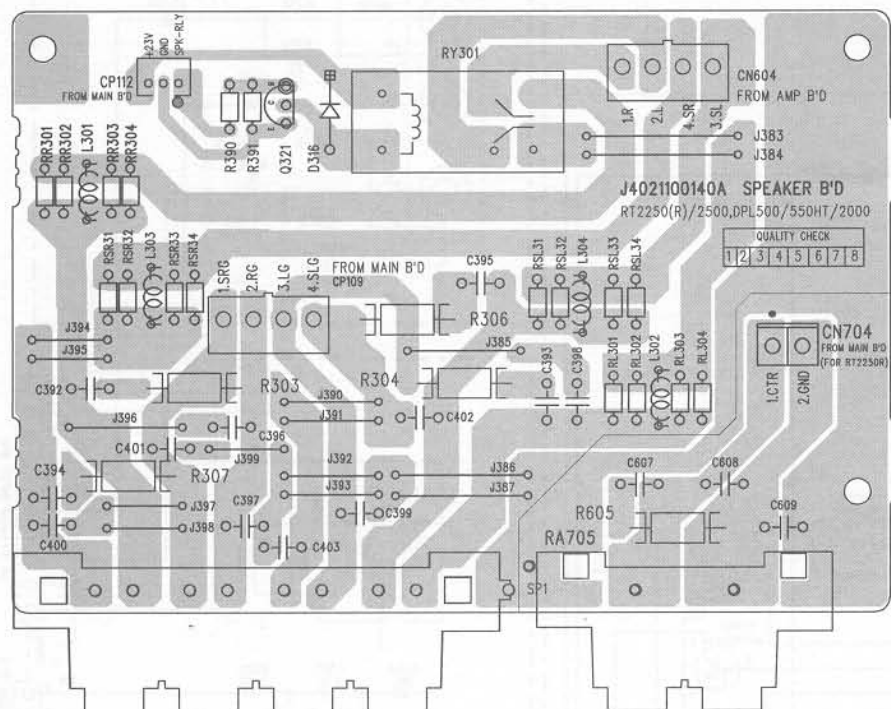
CONTROL / DISPLAY SCHEMATIC DIAGRAM - SCHEMA COMMANDES / AFFICHEUR - BEDIENTEIL / AN-
MANDOS / INDICADOR



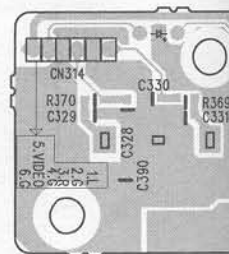


Video input/output F
Platine des entrées/
Ltpl. video eingäng
Piastra ingressi/usc
Platina entradas/sal

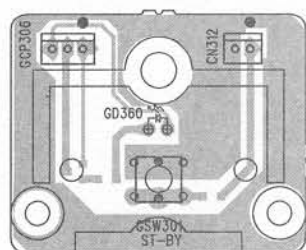
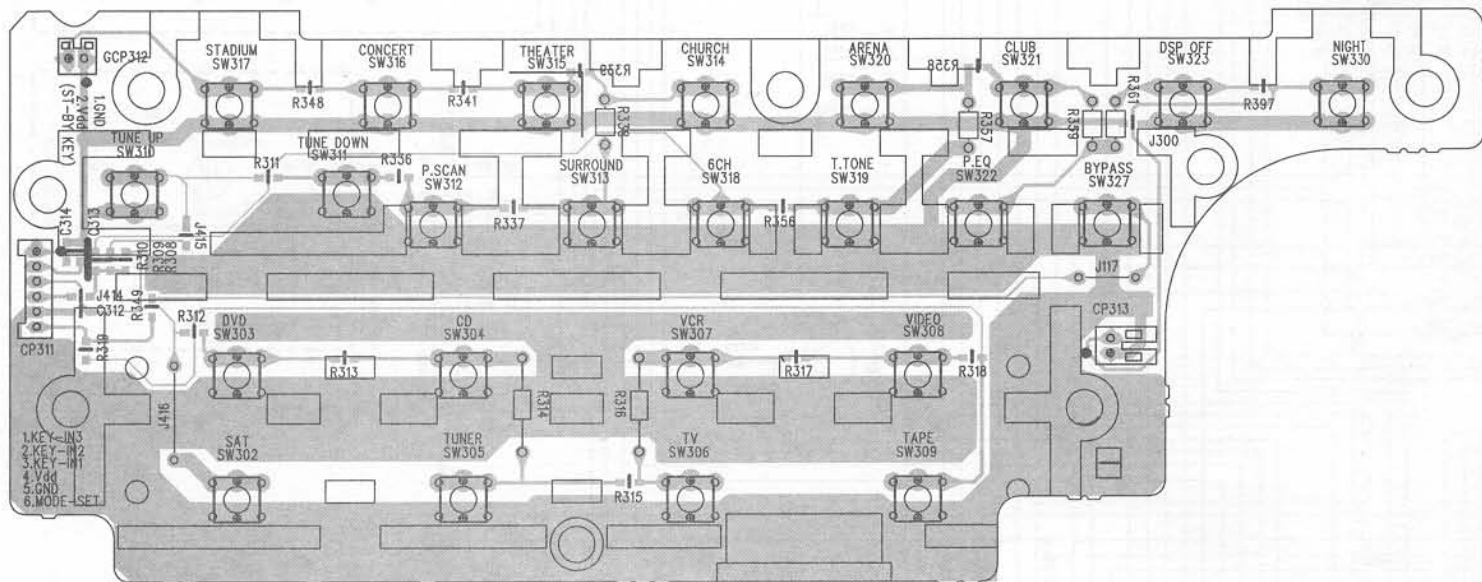
Component side
Côté composants
Bestückungsseite
Lato componenti
Lado componentes



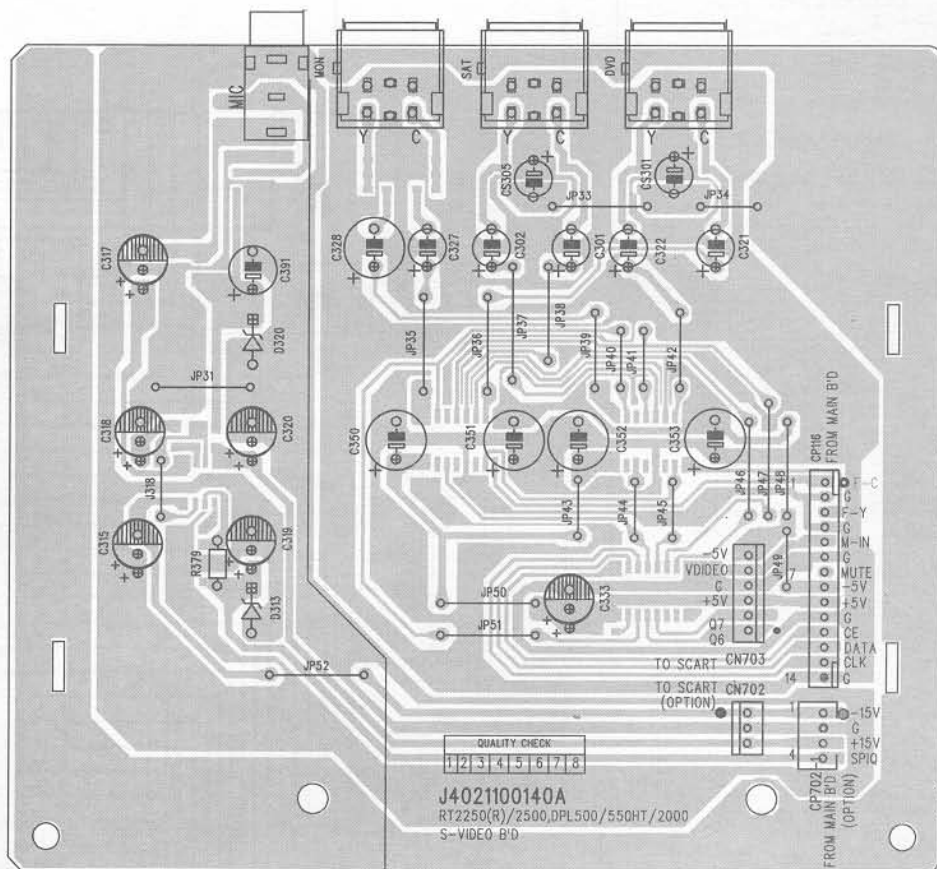
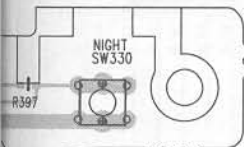
Solder side
Côté soudure
Lötseite
Lato saldature
Lado del cobre



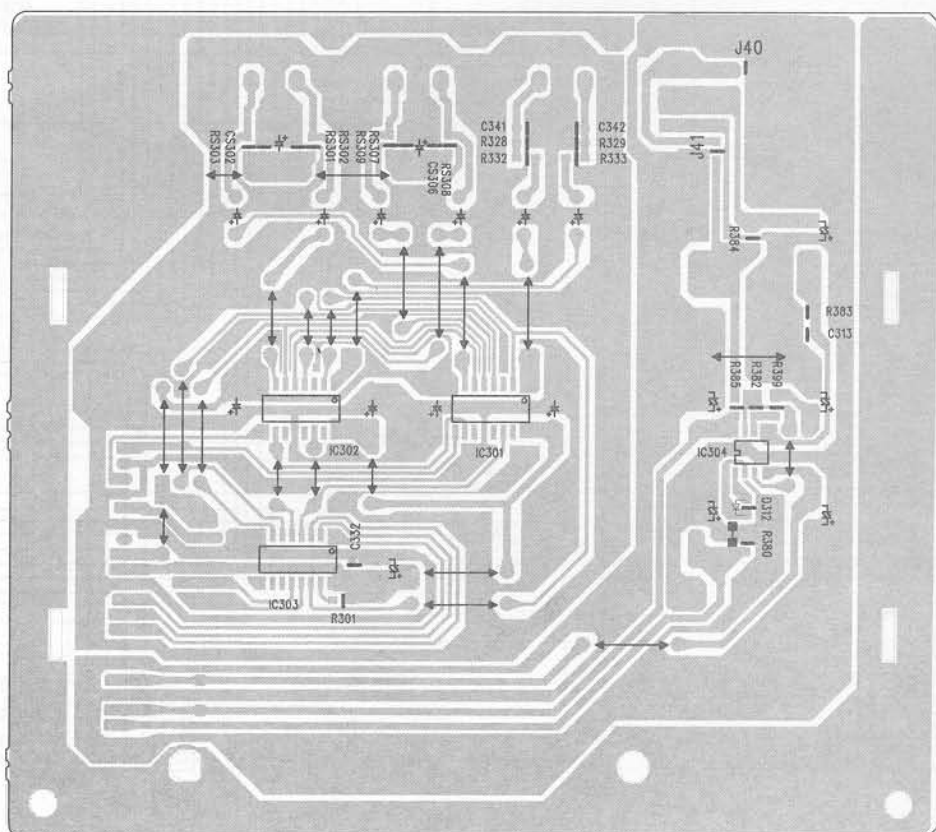
Controls P.C.B.
Platine commandes
Ltpl. Bedienteil
Piastra comandi
Platina de mandos



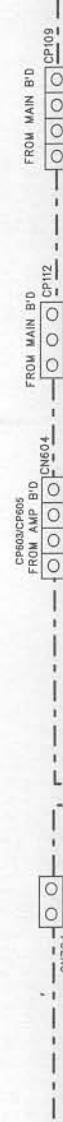
Component side
Côté composants
Bestückungsseite
Lato componenti
Lado componentes



Solder side
Côté soudure
Lötseite
Lato saldature
Lado del cobre



**SPE
PAR
ALT**





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

