

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

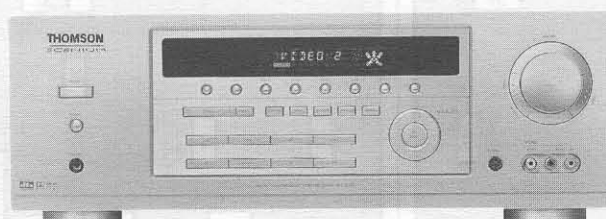
THOMSON

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.



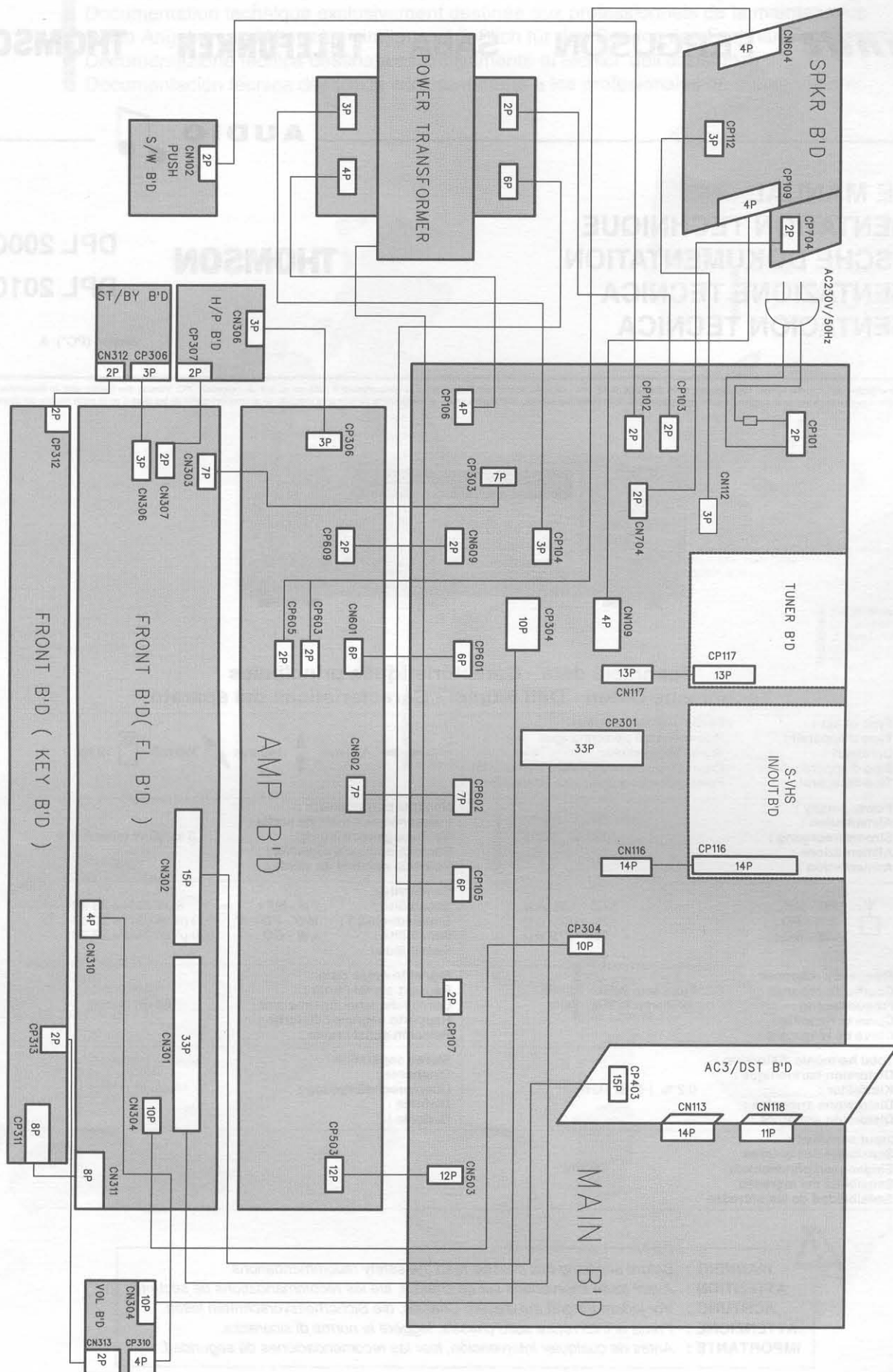
**Technical data - Caractéristiques principales
Technische Daten - Dati tecnici - Características del aparato**

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

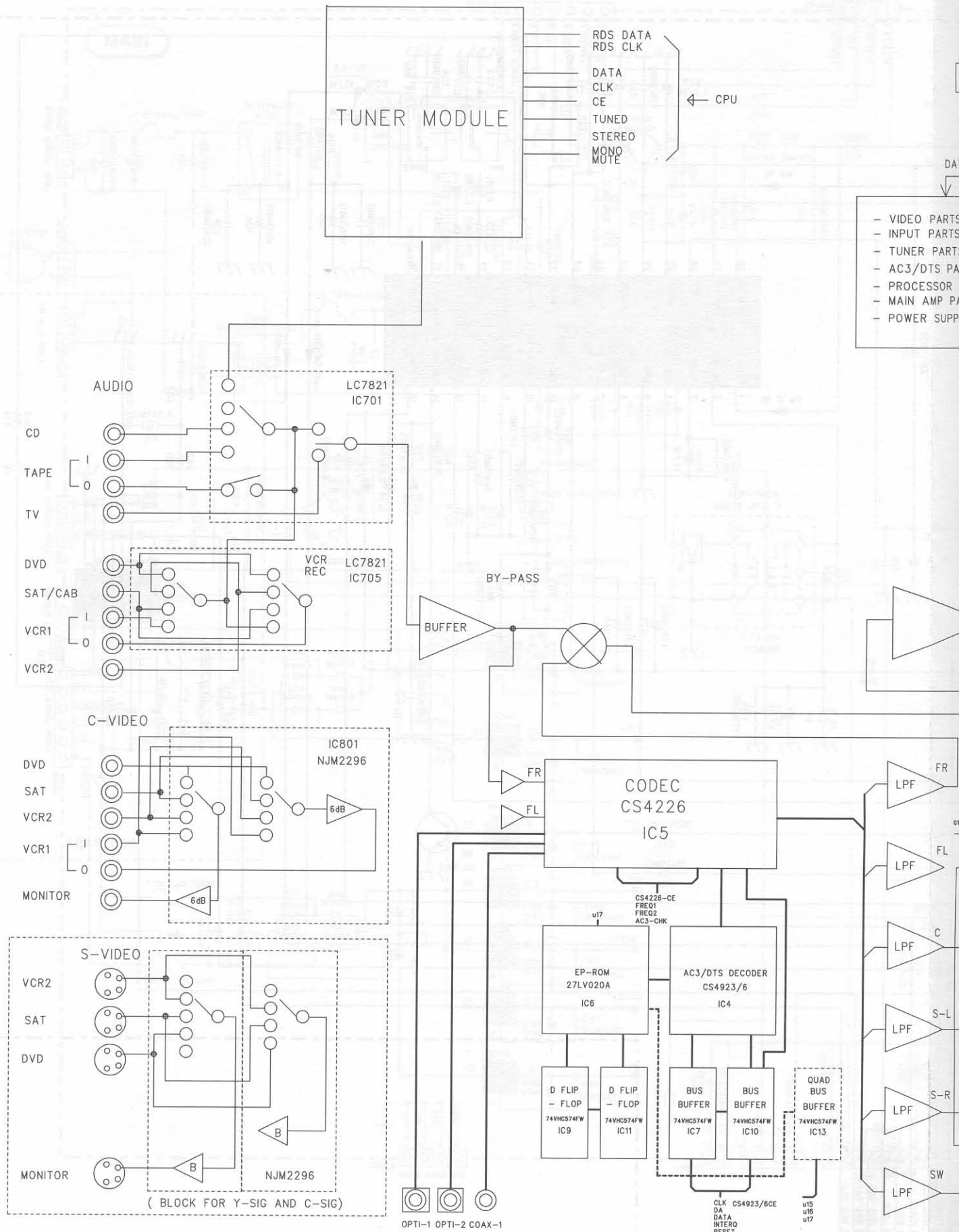


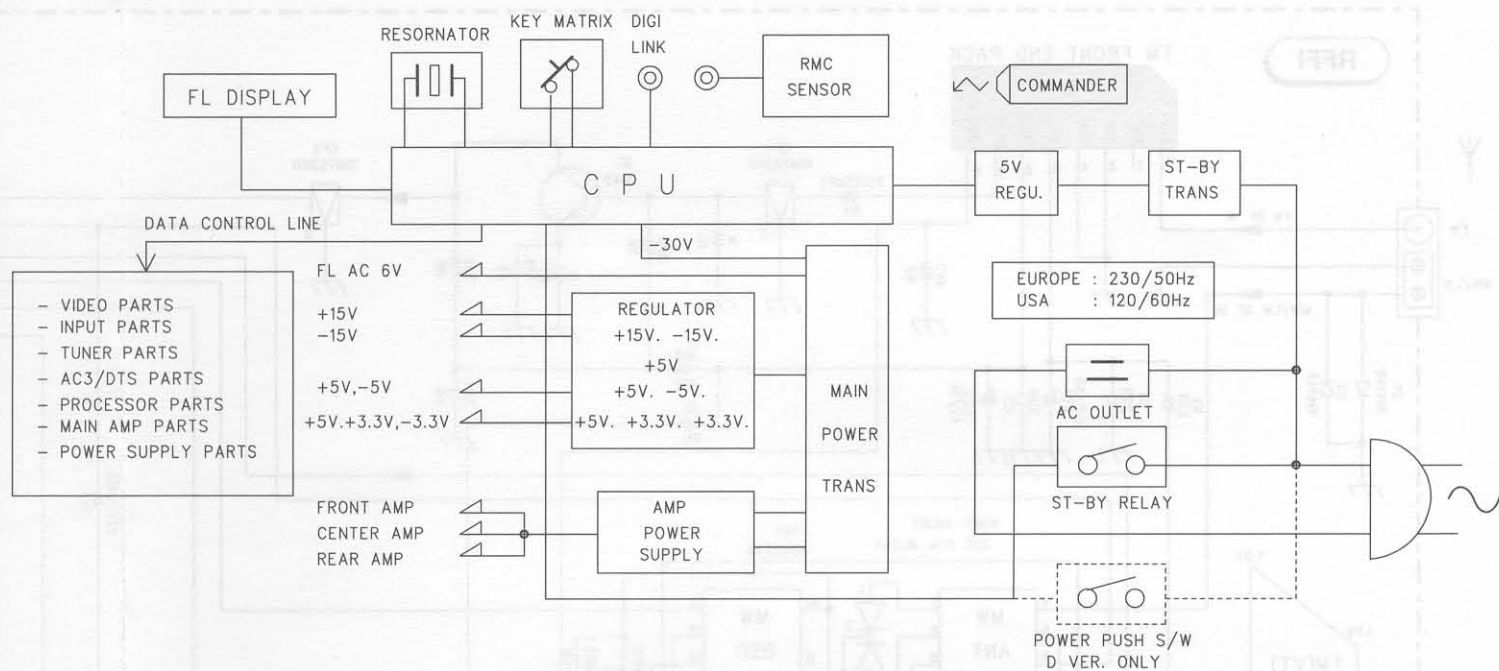
WARNING : Before servicing this chassis read the safety recommendations.
ATTENTION : Avant toute intervention sur ce châssis, lire les recommandations de sécurité.
ACHTUNG : Vor jedem Eingriff auf diesem Chassis, die Sicherheitsvorschriften lesen.
ATTENZIONE : Prima di intervenire sullo chassis, leggere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

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

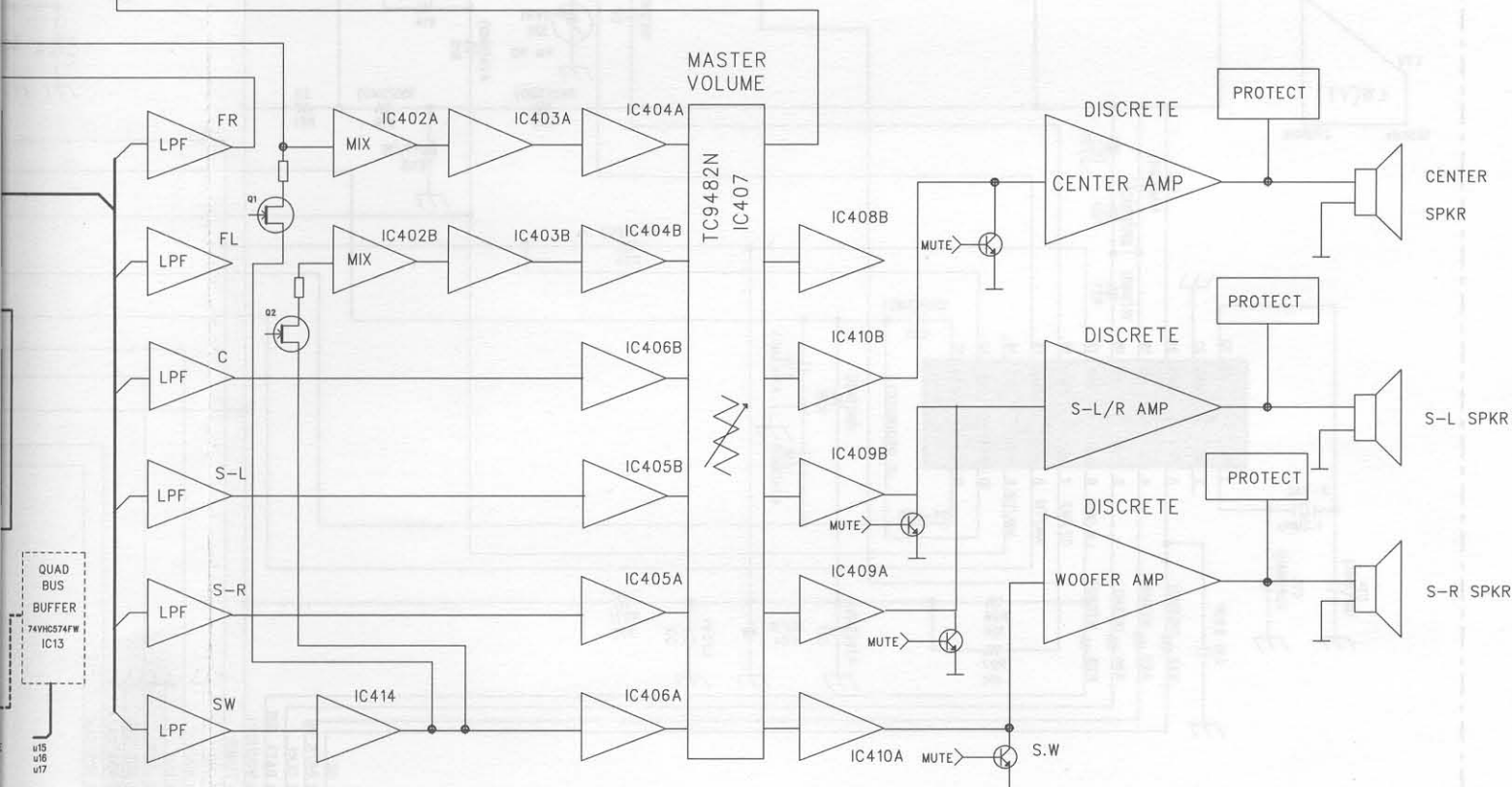
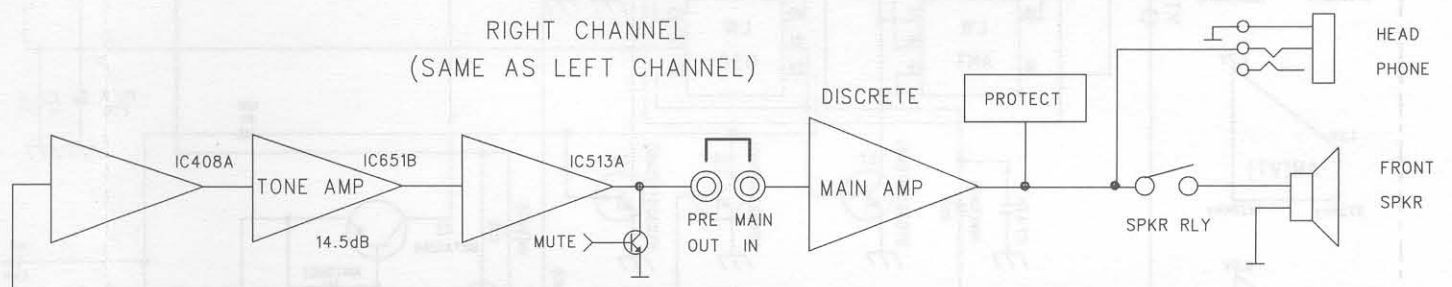


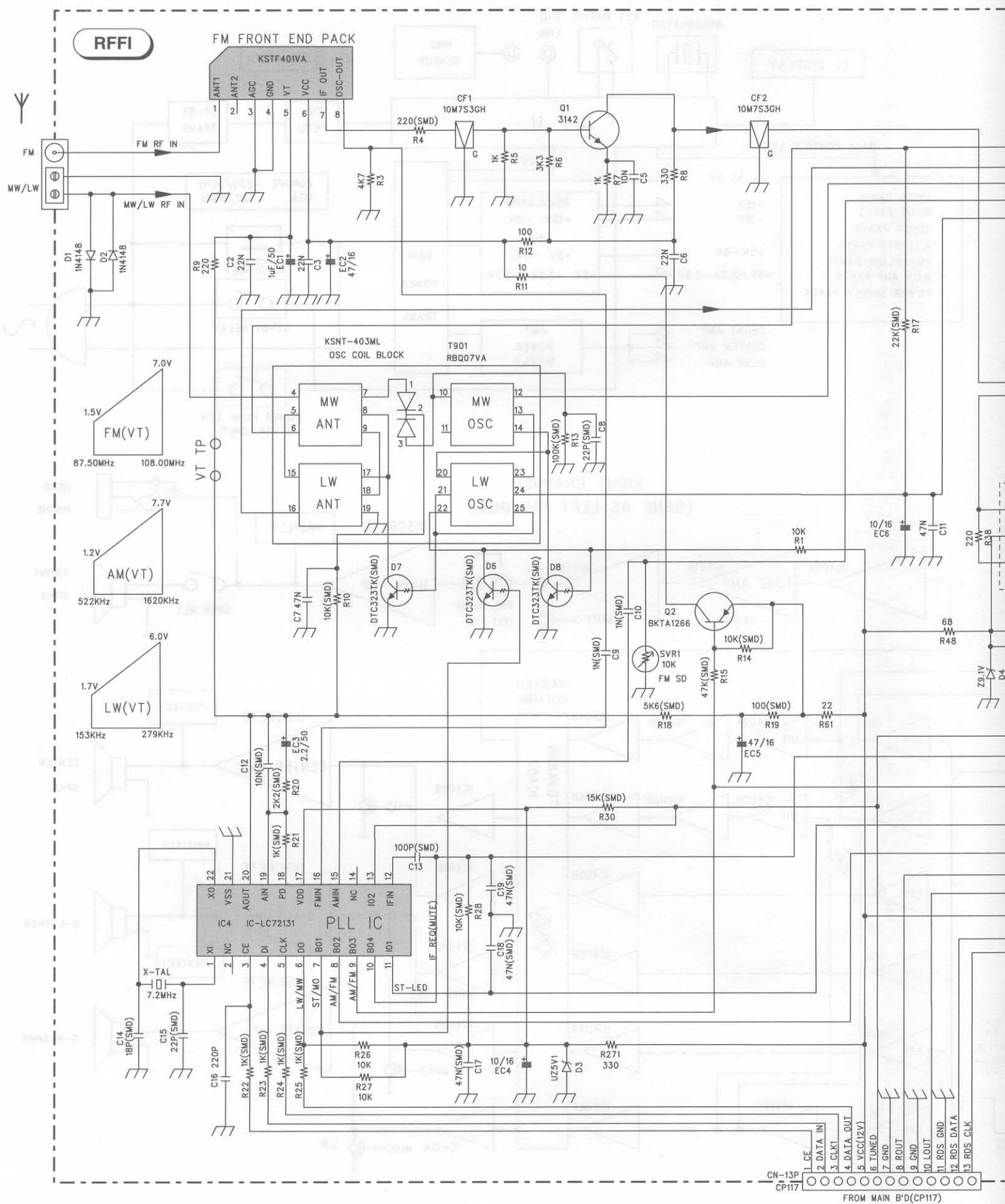
PRINCIPAL (POWER SUPPLY PART)

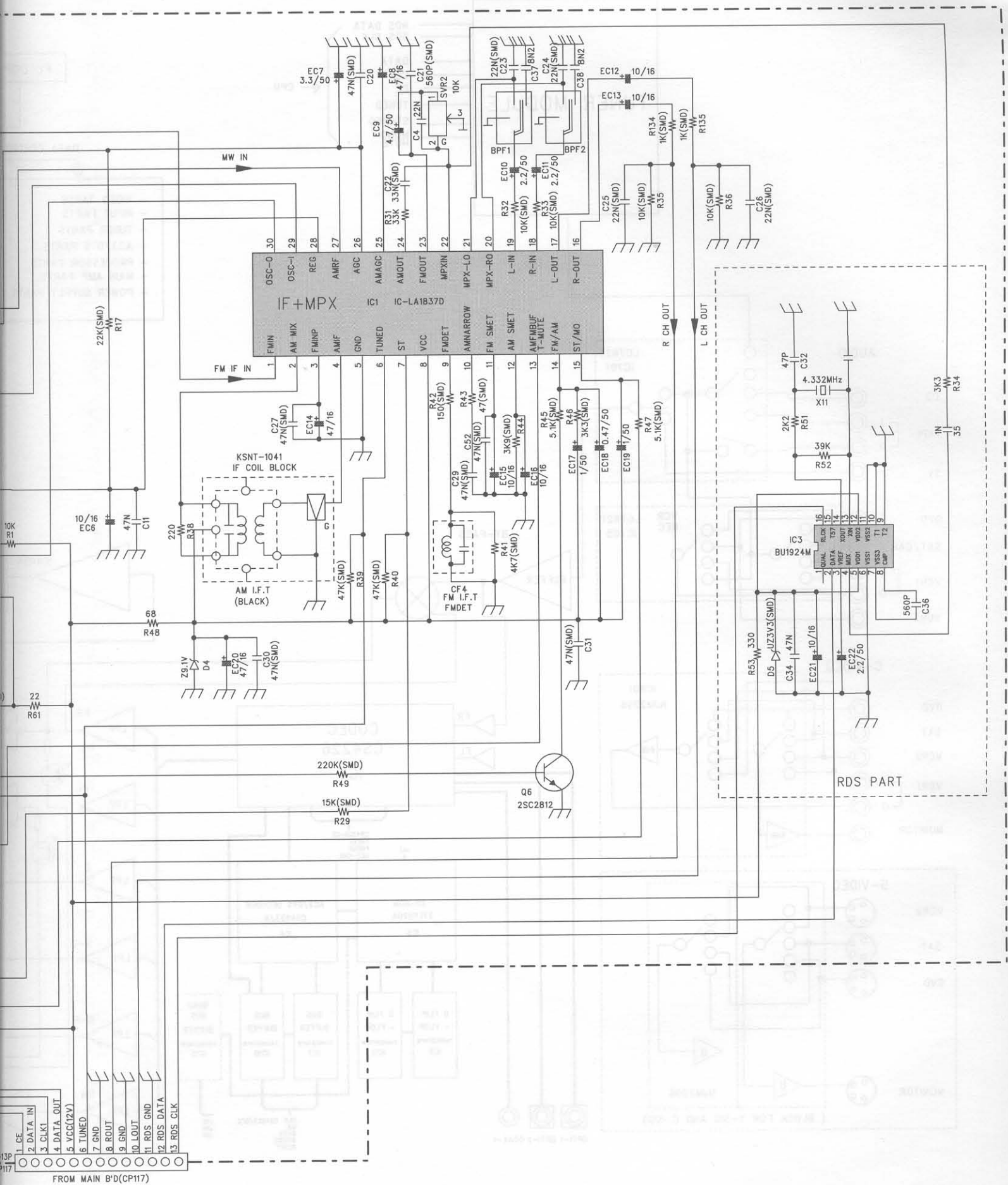




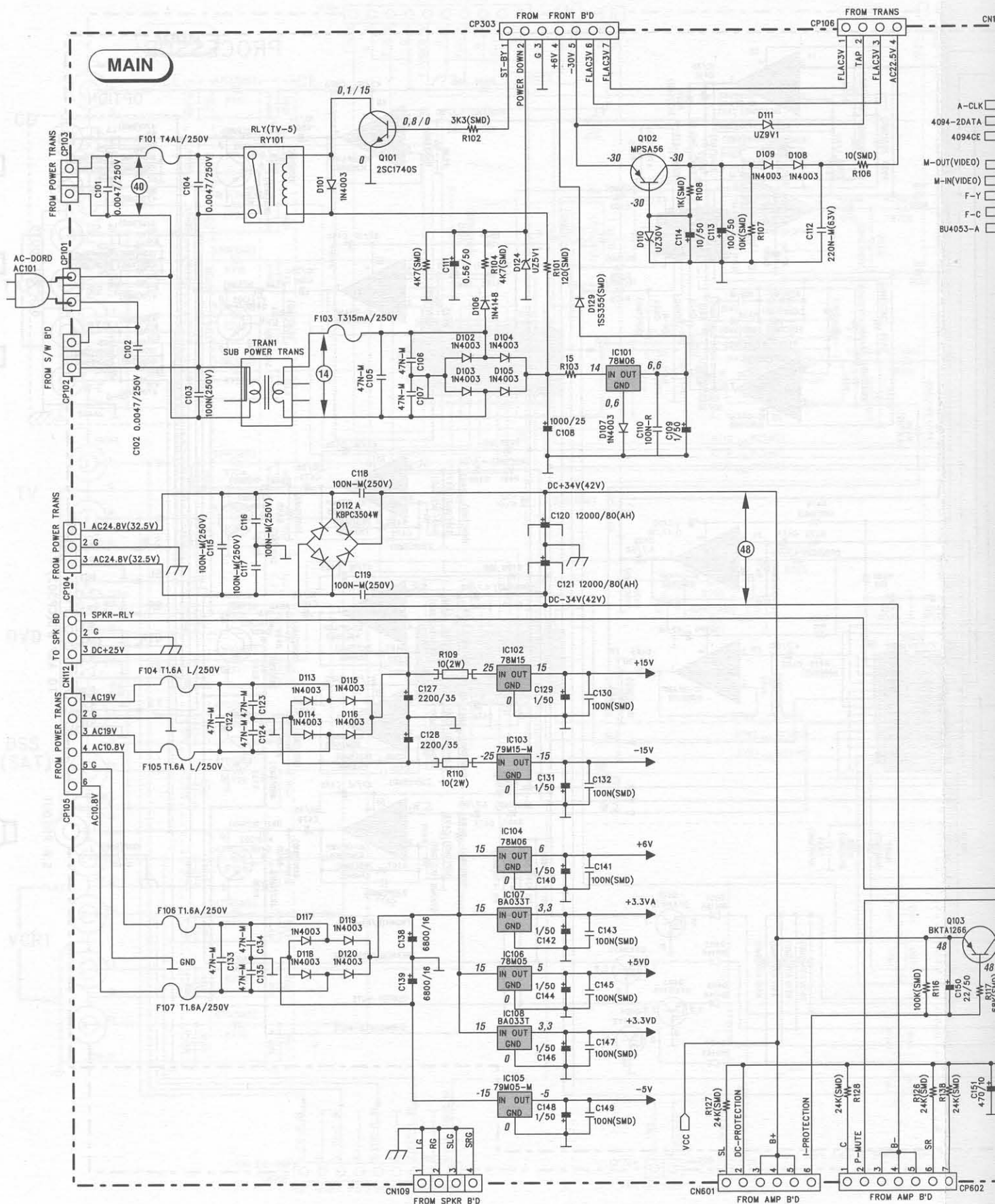
RIGHT CHANNEL (SAME AS LEFT CHANNEL)

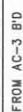




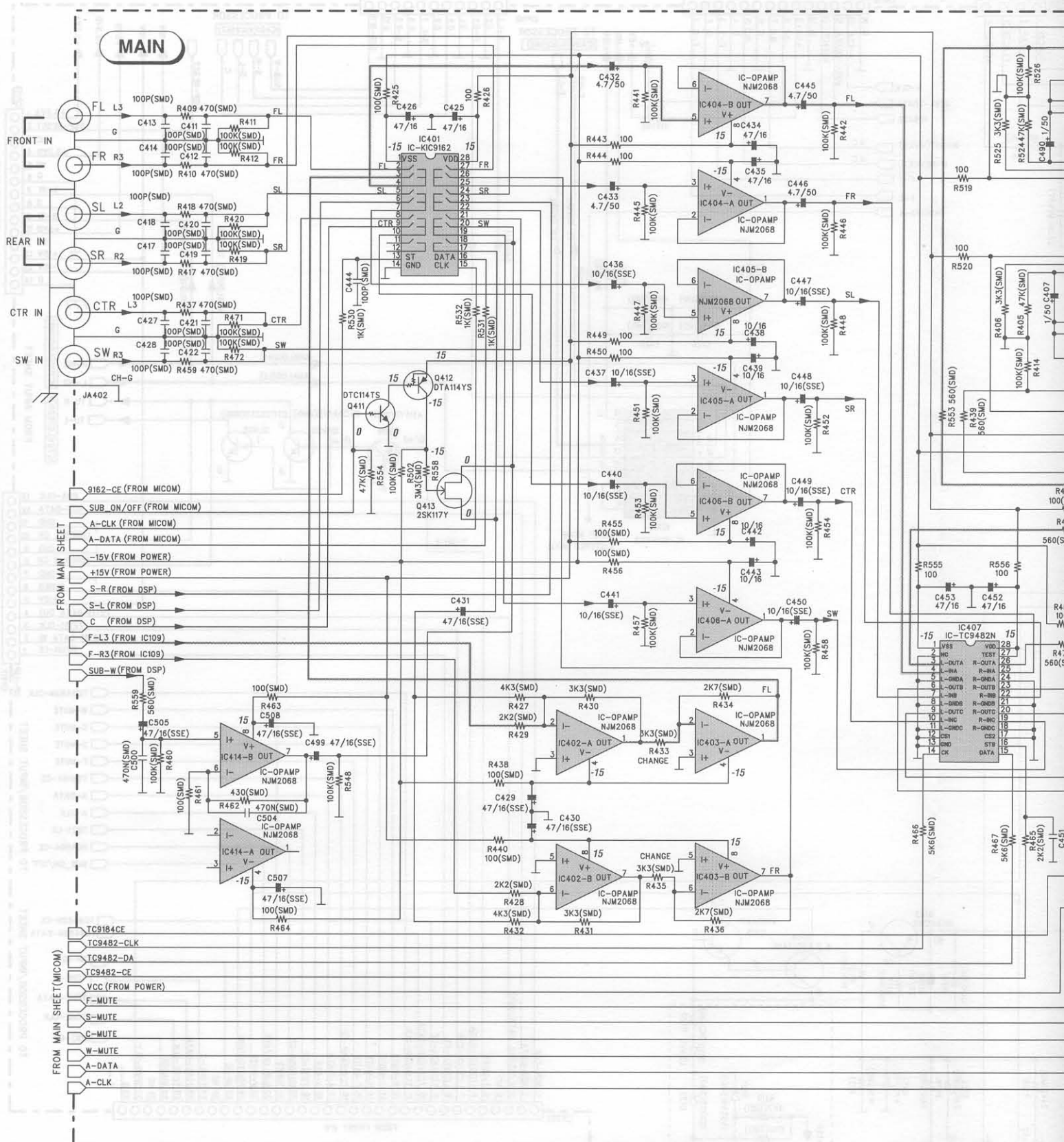


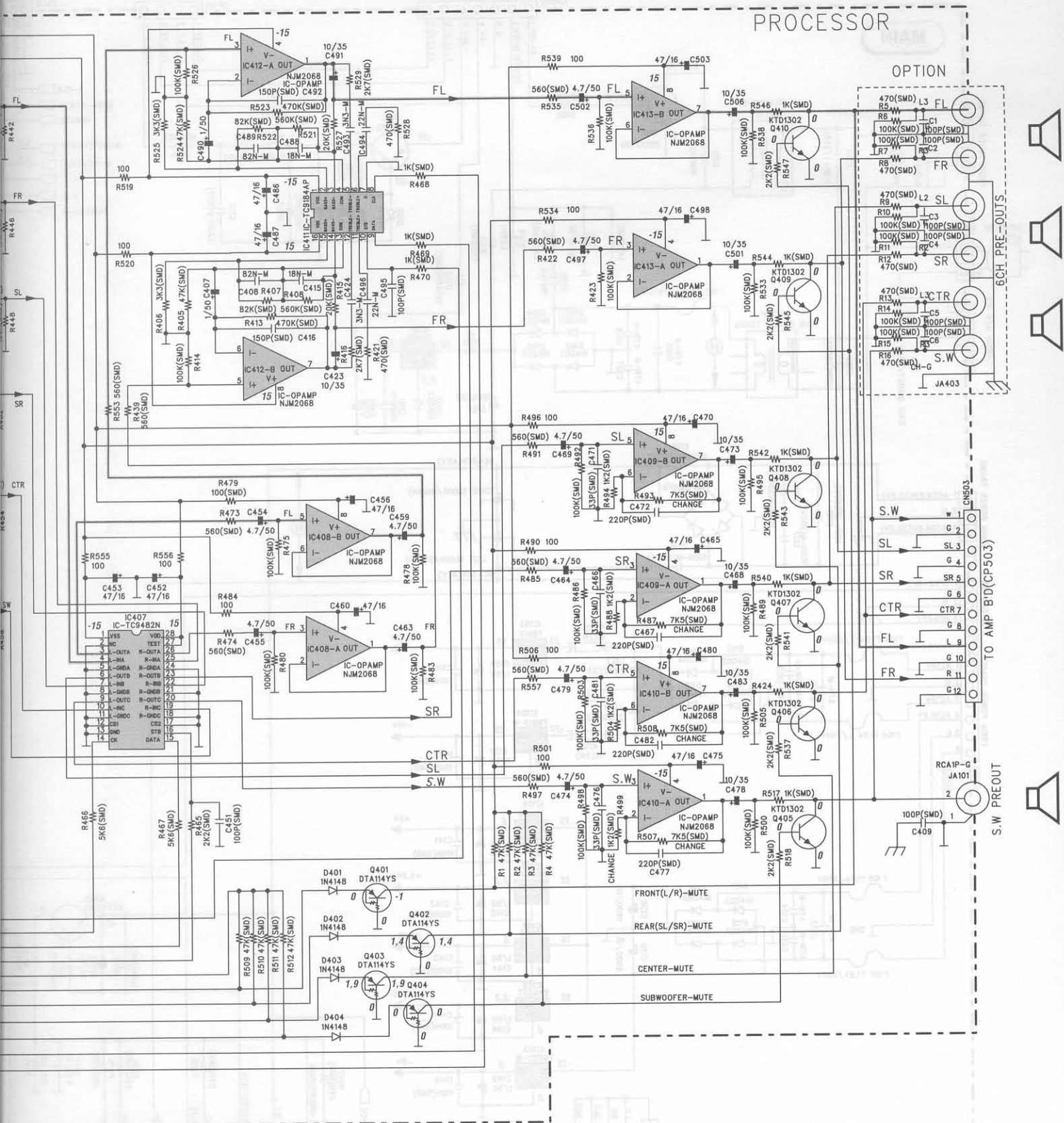
MAIN SCHEMATIC DIAGRAM - SCHEMA DE LA PLATINE PRINCIPALE - SCHALTBILD GRUNDPLAT PRINCIPAL (POWER SUPPLY PART)



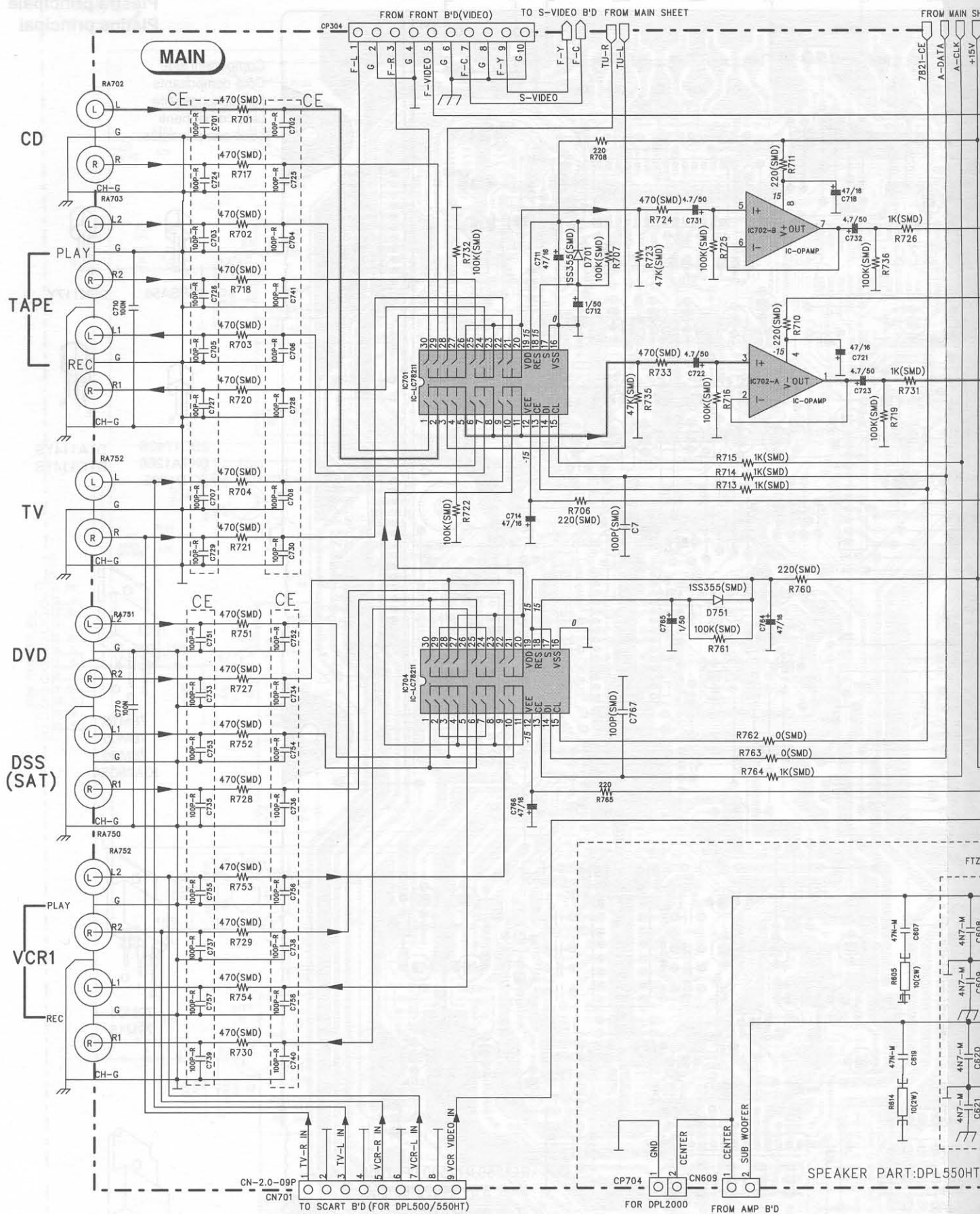


MAIN SCHEMATIC DIAGRAM - SCHEMA DE LA PLATINE PRINCIPALE - GRUNDPLATTE SCHALTBILD - PRINCIPAL (PRE-AMPLIFIER PART)





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



The schematic diagram illustrates the internal circuitry of a C-VIDEO system. It features a central block labeled "DVD SAT VCR1 TV-MON" which interfaces with various external components. The circuit is powered by a +15V supply and includes a -5V and -15V rail. Key components include:

- ICs:** IC801 (IC-14M2298), IC802 (IC-BU4094(SOP)), IC803 (IC-BU4053A), IC804 (IC-14M2298), IC805 (IC-BU4053A), IC806 (IC-14M2298), IC807 (IC-BU4053A), IC808 (IC-14M2298), IC809 (IC-BU4053A), IC810 (IC-14M2298), IC811 (IC-BU4053A), IC812 (IC-14M2298), IC813 (IC-BU4053A), IC814 (IC-14M2298), IC815 (IC-BU4053A), IC816 (IC-14M2298), IC817 (IC-BU4053A), IC818 (IC-14M2298), IC819 (IC-BU4053A), IC820 (IC-14M2298), IC821 (IC-BU4053A), IC822 (IC-14M2298), IC823 (IC-BU4053A), IC824 (IC-14M2298), IC825 (IC-14M2298).
- Resistors:** R726, R731, R736, R737, R738, R739, R740, R741, R742, R743, R744, R745, R746, R747, R748, R749, R750, R751, R752, R753, R754, R755, R756, R757, R758, R759, R760, R761, R762, R763, R764, R765, R766, R767, R768, R769, R770, R771, R772, R773, R774, R775, R776, R777, R778, R779, R780, R781, R782, R783, R784, R785, R786, R787, R788, R789, R790, R791, R792, R793, R794, R795, R796, R797, R798, R799, R800, R801, R802, R803, R804, R805, R806, R807, R808, R809, R810, R811, R812, R813, R814, R815, R816, R817, R818, R819, R820, R821, R822, R823, R824, R825, R826, R827, R828, R829, R830, R831, R832, R833, R834, R835, R836, R837, R838, R839, R840, R841, R842, R843, R844, R845, R846, R847, R848, R849, R850, R851, R852, R853, R854, R855, R856, R857, R858, R859, R860, R861, R862, R863, R864, R865, R866, R867, R868, R869, R870, R871, R872, R873, R874, R875, R876, R877, R878, R879, R880, R881, R882, R883, R884, R885, R886, R887, R888, R889, R890, R891, R892, R893, R894, R895, R896, R897, R898, R899, R900, R901, R902, R903, R904, R905, R906, R907, R908, R909, R910, R911, R912, R913, R914, R915, R916, R917, R918, R919, R920, R921, R922, R923, R924, R925, R926, R927, R928, R929, R930, R931, R932, R933, R934, R935, R936, R937, R938, R939, R940, R941, R942, R943, R944, R945, R946, R947, R948, R949, R950, R951, R952, R953, R954, R955, R956, R957, R958, R959, R960, R961, R962, R963, R964, R965, R966, R967, R968, R969, R970, R971, R972, R973, R974, R975, R976, R977, R978, R979, R980, R981, R982, R983, R984, R985, R986, R987, R988, R989, R990, R991, R992, R993, R994, R995, R996, R997, R998, R999, R1000.
- Capacitors:** C718, C719, C720, C721, C722, C723, C724, C725, C726, C727, C728, C729, C730, C731, C732, C733, C734, C735, C736, C737, C738, C739, C740, C741, C742, C743, C744, C745, C746, C747, C748, C749, C750, C751, C752, C753, C754, C755, C756, C757, C758, C759, C760, C761, C762, C763, C764, C765, C766, C767, C768, C769, C770, C771, C772, C773, C774, C775, C776, C777, C778, C779, C780, C781, C782, C783, C784, C785, C786, C787, C788, C789, C790, C791, C792, C793, C794, C795, C796, C797, C798, C799, C800, C801, C802, C803, C804, C805, C806, C807, C808, C809, C810, C811, C812, C813, C814, C815, C816, C817, C818, C819, C820, C821, C822, C823, C824, C825, C826, C827, C828, C829, C830, C831, C832, C833, C834, C835, C836, C837, C838, C839, C840, C841, C842, C843, C844, C845, C846, C847, C848, C849, C850, C851, C852, C853, C854, C855, C856, C857, C858, C859, C860, C861, C862, C863, C864, C865, C866, C867, C868, C869, C870, C871, C872, C873, C874, C875, C876, C877, C878, C879, C880, C881, C882, C883, C884, C885, C886, C887, C888, C889, C890, C891, C892, C893, C894, C895, C896, C897, C898, C899, C900, C901, C902, C903, C904, C905, C906, C907, C908, C909, C910, C911, C912, C913, C914, C915, C916, C917, C918, C919, C920, C921, C922, C923, C924, C925, C926, C927, C928, C929, C930, C931, C932, C933, C934, C935, C936, C937, C938, C939, C940, C941, C942, C943, C944, C945, C946, C947, C948, C949, C950, C951, C952, C953, C954, C955, C956, C957, C958, C959, C960, C961, C962, C963, C964, C965, C966, C967, C968, C969, C970, C971, C972, C973, C974, C975, C976, C977, C978, C979, C980, C981, C982, C983, C984, C985, C986, C987, C988, C989, C990, C991, C992, C993, C994, C995, C996, C997, C998, C999, C1000.
- Connectors:** CN700, CN701, CN702, CN703, CN704, CN705, CN706, CN707, CN708, CN709, CN710, CN711, CN712, CN713, CN714, CN715, CN716, CN717, CN718, CN719, CN720, CN721, CN722, CN723, CN724, CN725, CN726, CN727, CN728, CN729, CN730, CN731, CN732, CN733, CN734, CN735, CN736, CN737, CN738, CN739, CN740, CN741, CN742, CN743, CN744, CN745, CN746, CN747, CN748, CN749, CN750, CN751, CN752, CN753, CN754, CN755, CN756, CN757, CN758, CN759, CN760, CN761, CN762, CN763, CN764, CN765, CN766, CN767, CN768, CN769, CN770, CN771, CN772, CN773, CN774, CN775, CN776, CN777, CN778, CN779, CN780, CN781, CN782, CN783, CN784, CN785, CN786, CN787, CN788, CN789, CN790, CN791, CN792, CN793, CN794, CN795, CN796, CN797, CN798, CN799, CN800, CN801, CN802, CN803, CN804, CN805, CN806, CN807, CN808, CN809, CN810, CN811, CN812, CN813, CN814, CN815, CN816, CN817, CN818, CN819, CN820, CN821, CN822, CN823, CN824, CN825, CN826, CN827, CN828, CN829, CN830, CN831, CN832, CN833, CN834, CN835, CN836, CN837, CN838, CN839, CN840, CN841, CN842, CN843, CN844, CN845, CN846, CN847, CN848, CN849, CN850, CN851

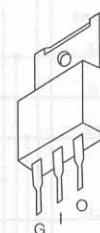
Main P.C.B.
Platine principale



2SK117Y

DTA114YS
DTC114TS

78M15
78M05
78M06
KIA7805A

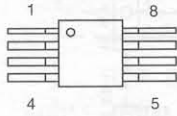


79M05
79M15

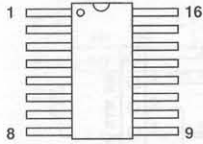


BA033T

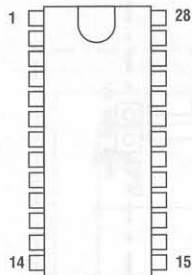
Solder side
Côté soudure
Lötseite
Lato saldature
Lado del cobre



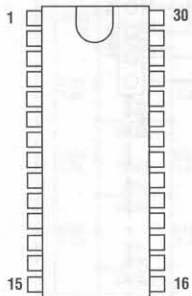
NJM2068



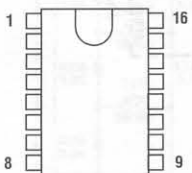
BU4094



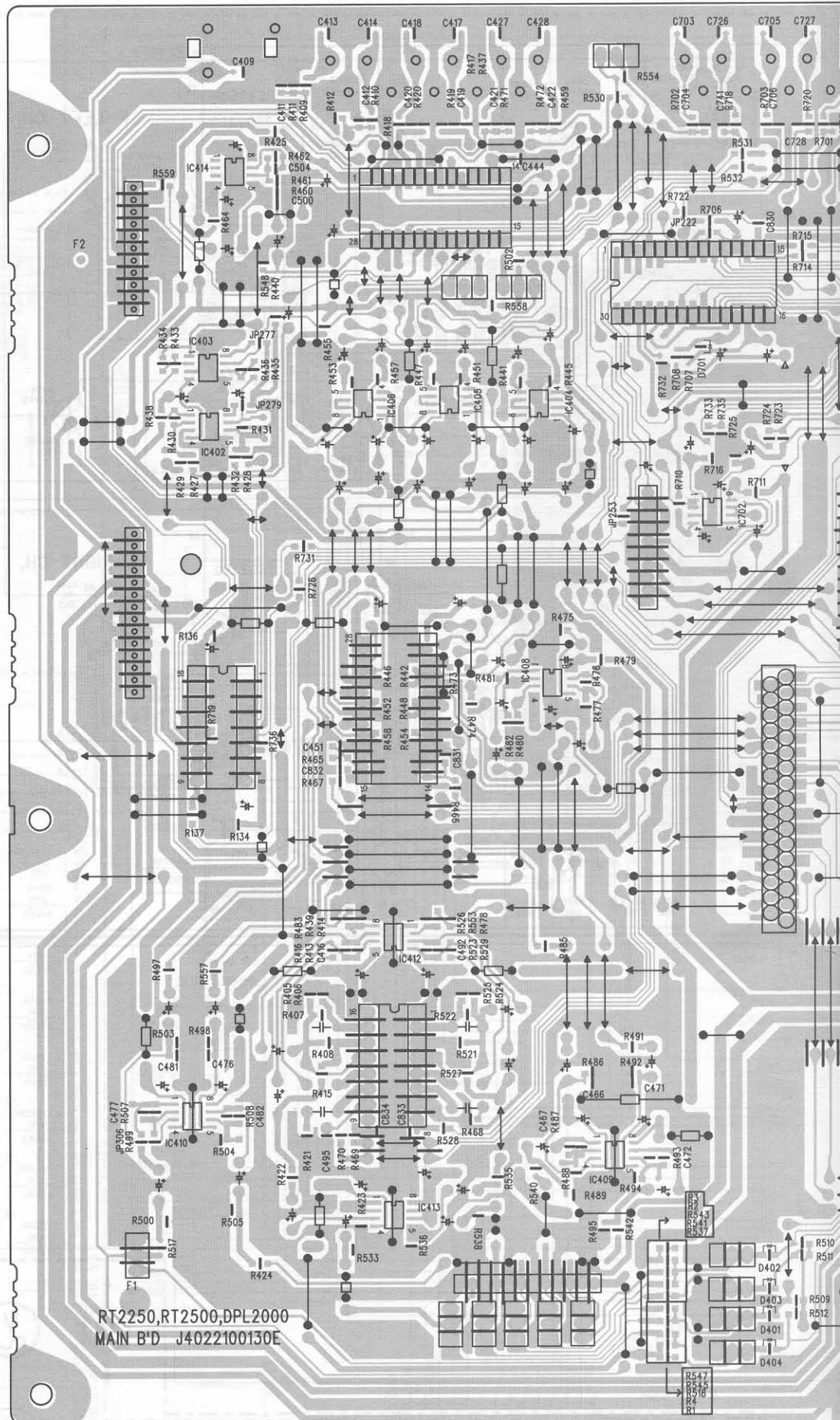
KIC9162AN
KIC9482N

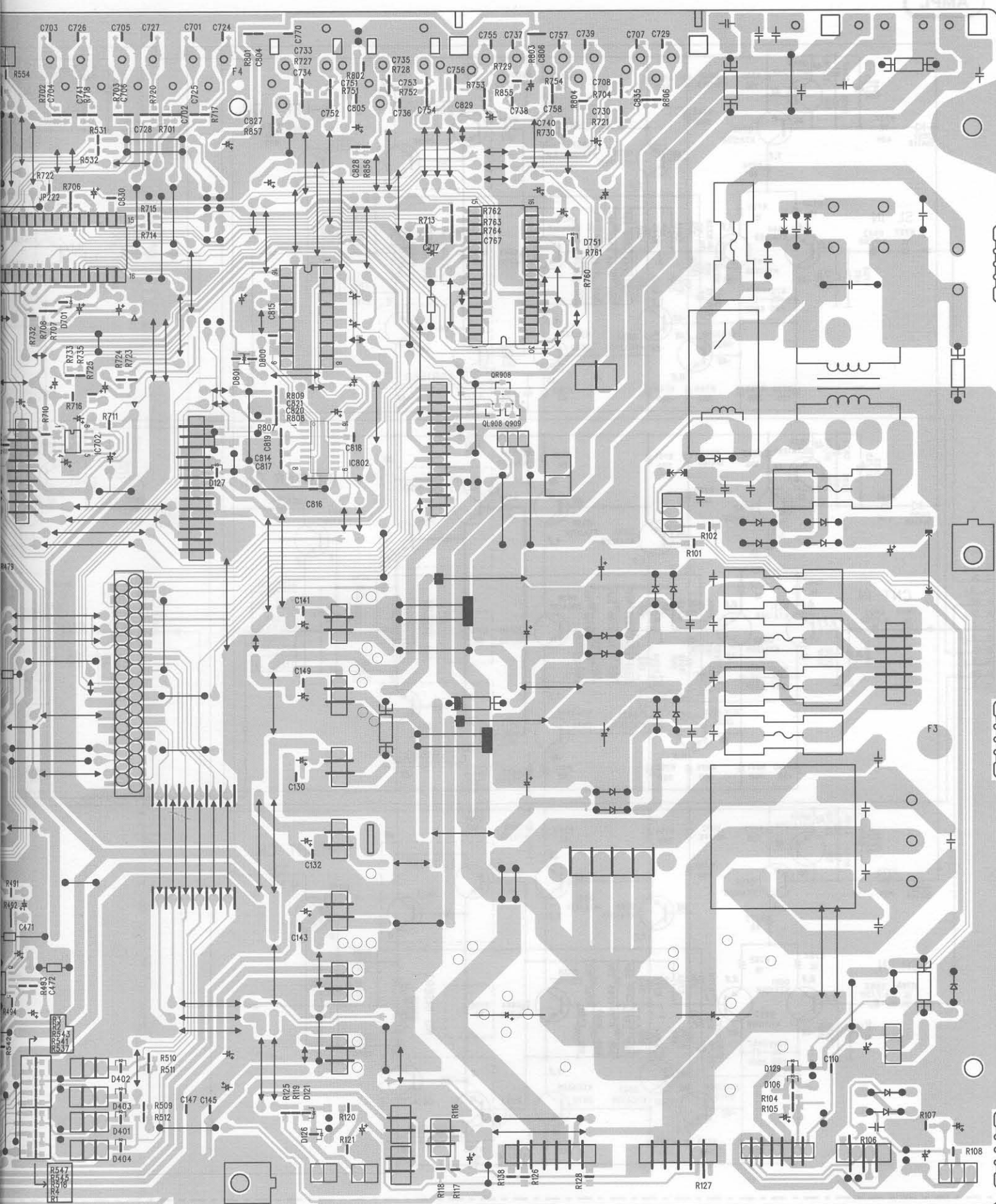


LC78211

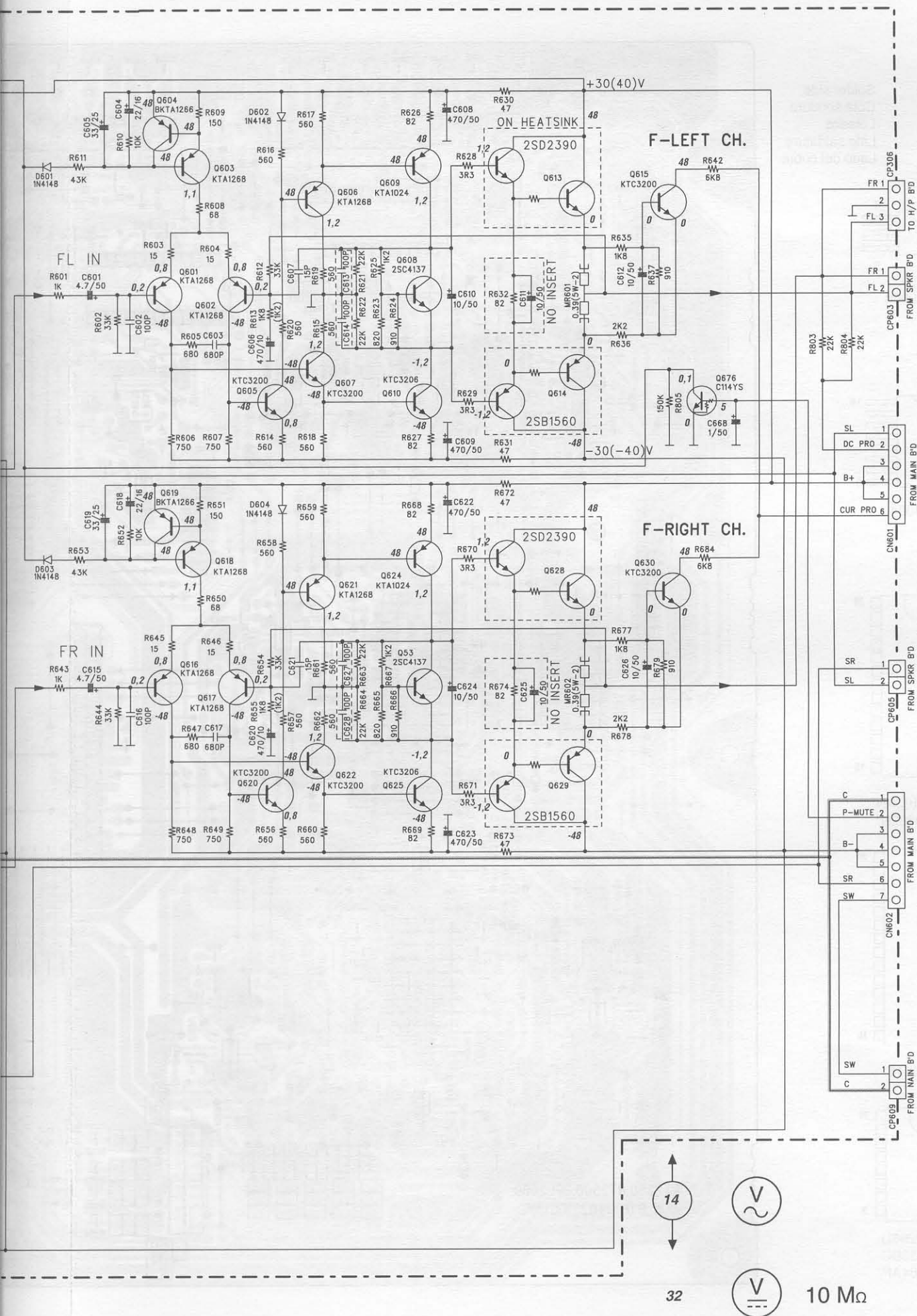


NJM2296D
BU4053BC
TC9184AP

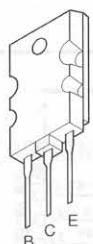
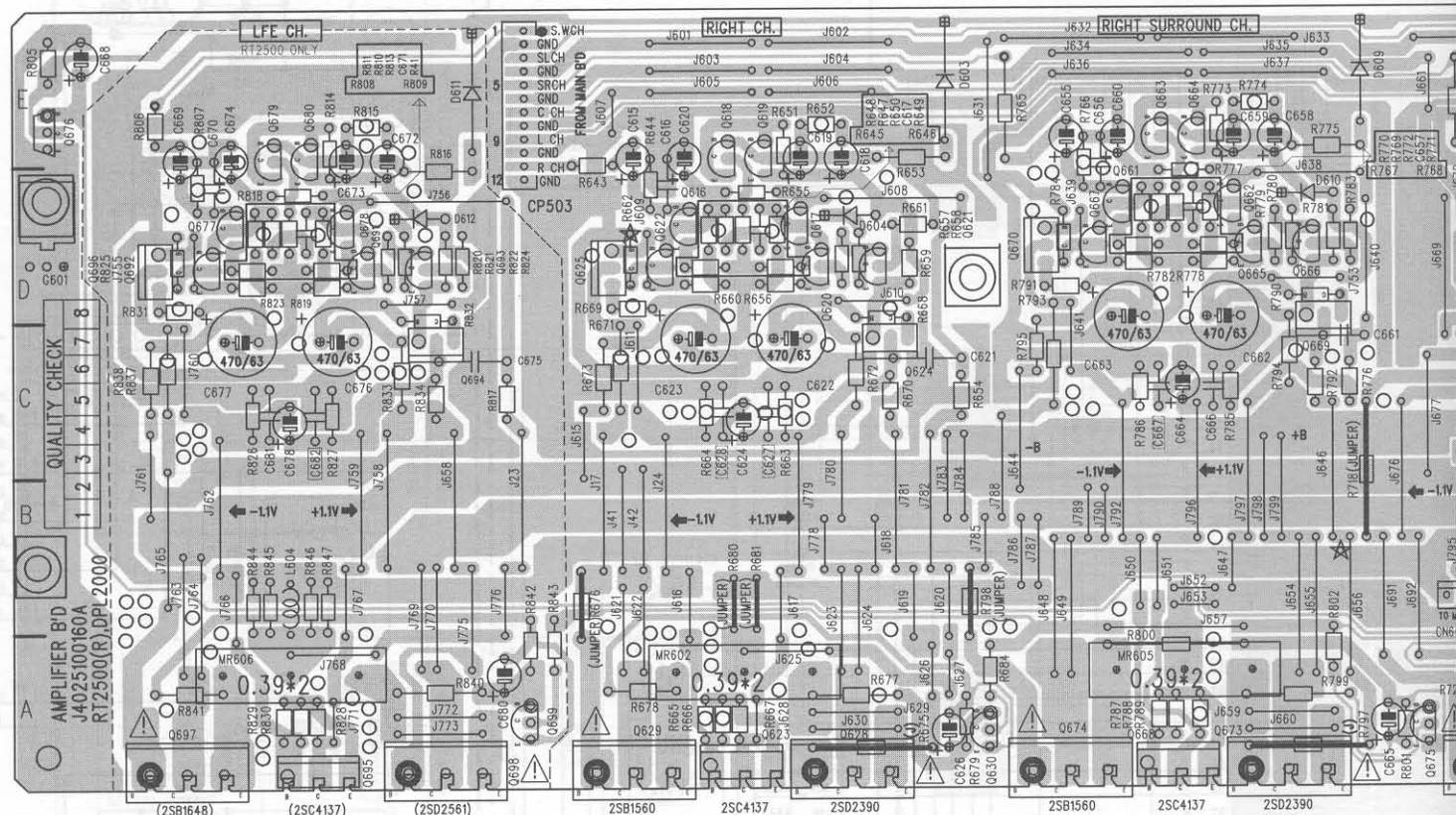




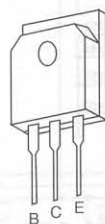
ENDVERSTÄRKER - SCHEMA DEL AMPLIFICATORE - ESQUEMA DEL AMPLIFICADOR



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



2SC4137



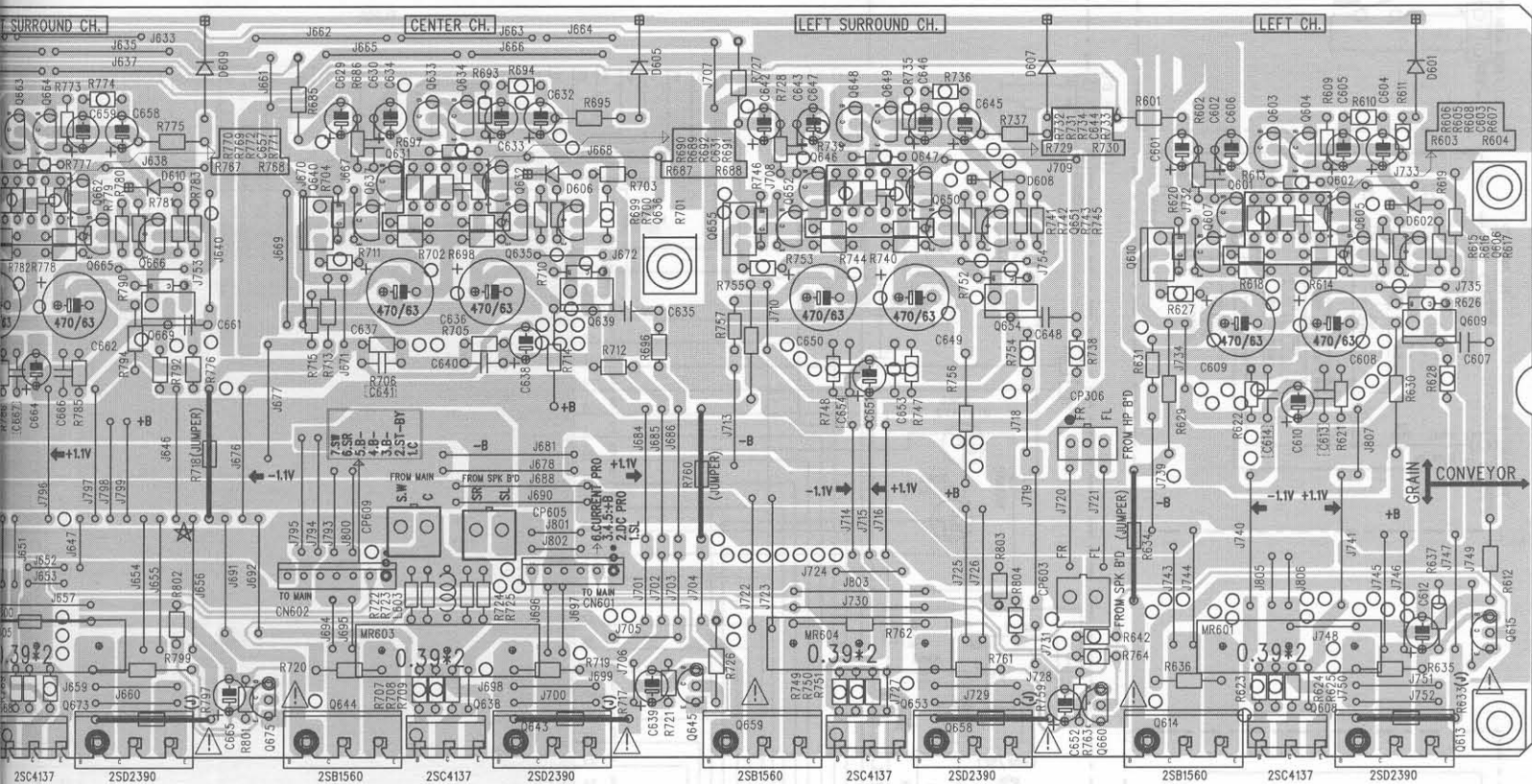
2SD2493
2SB1624



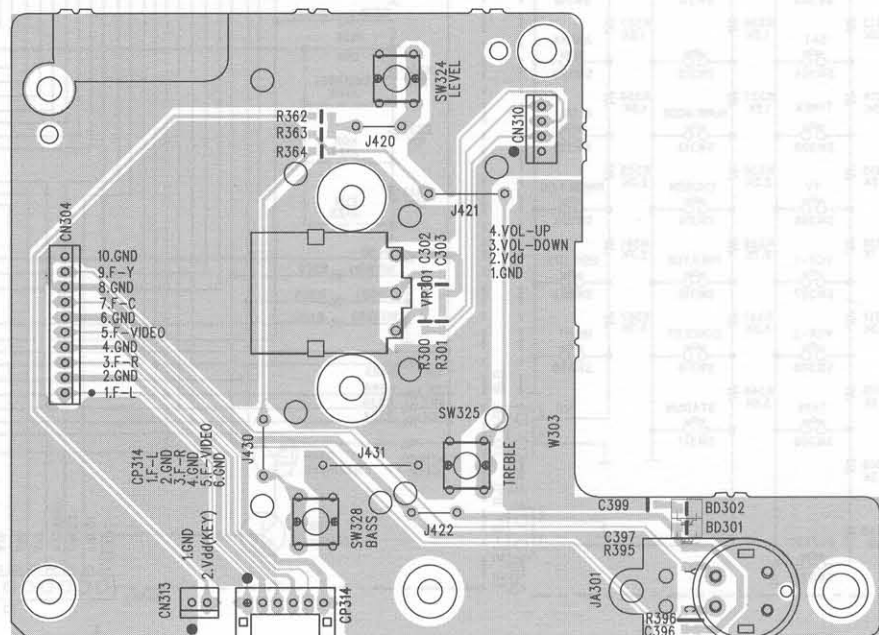
KTA1268
KTA1266
KTC3200



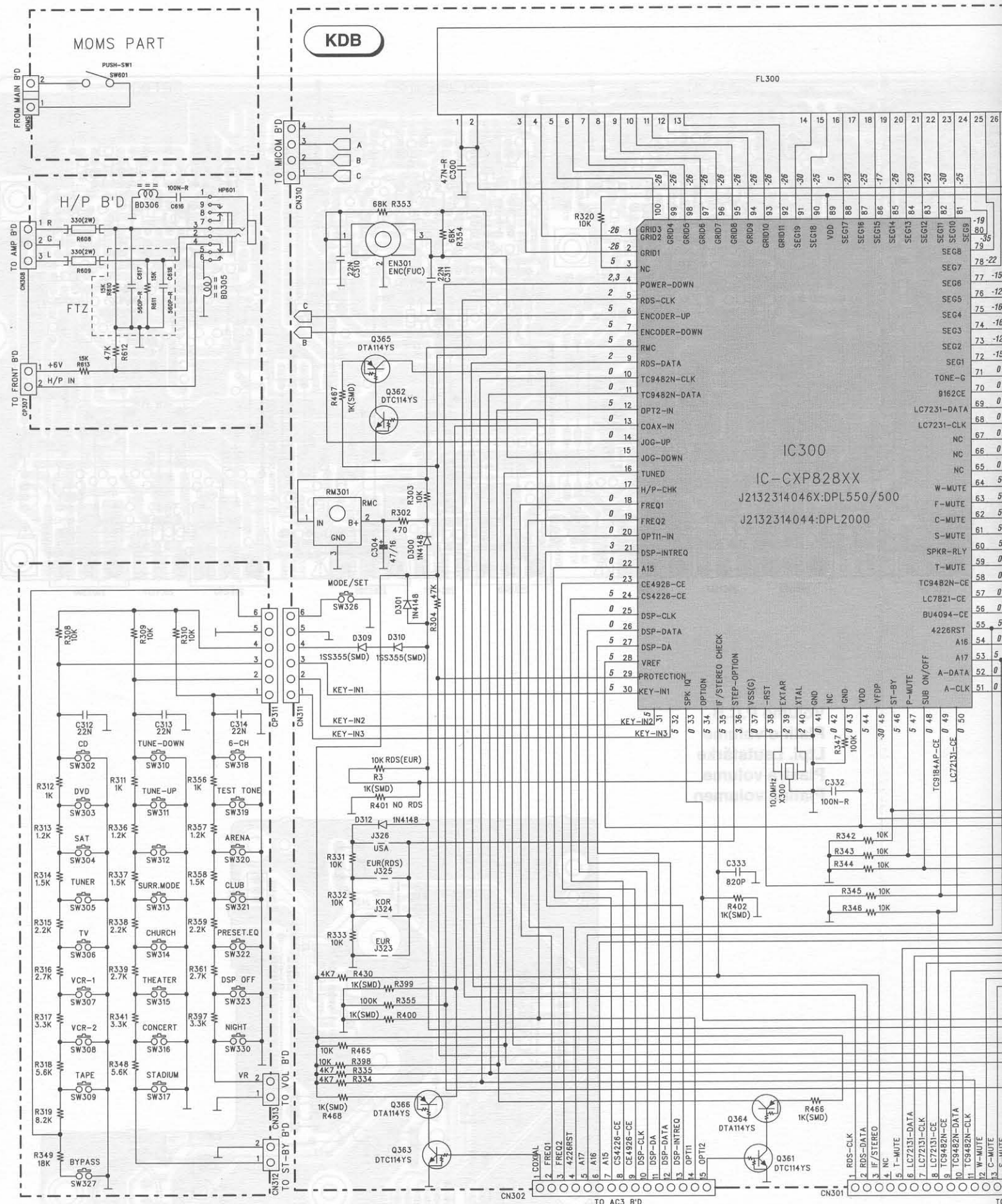
KTC3206
KTA1024
C114YS

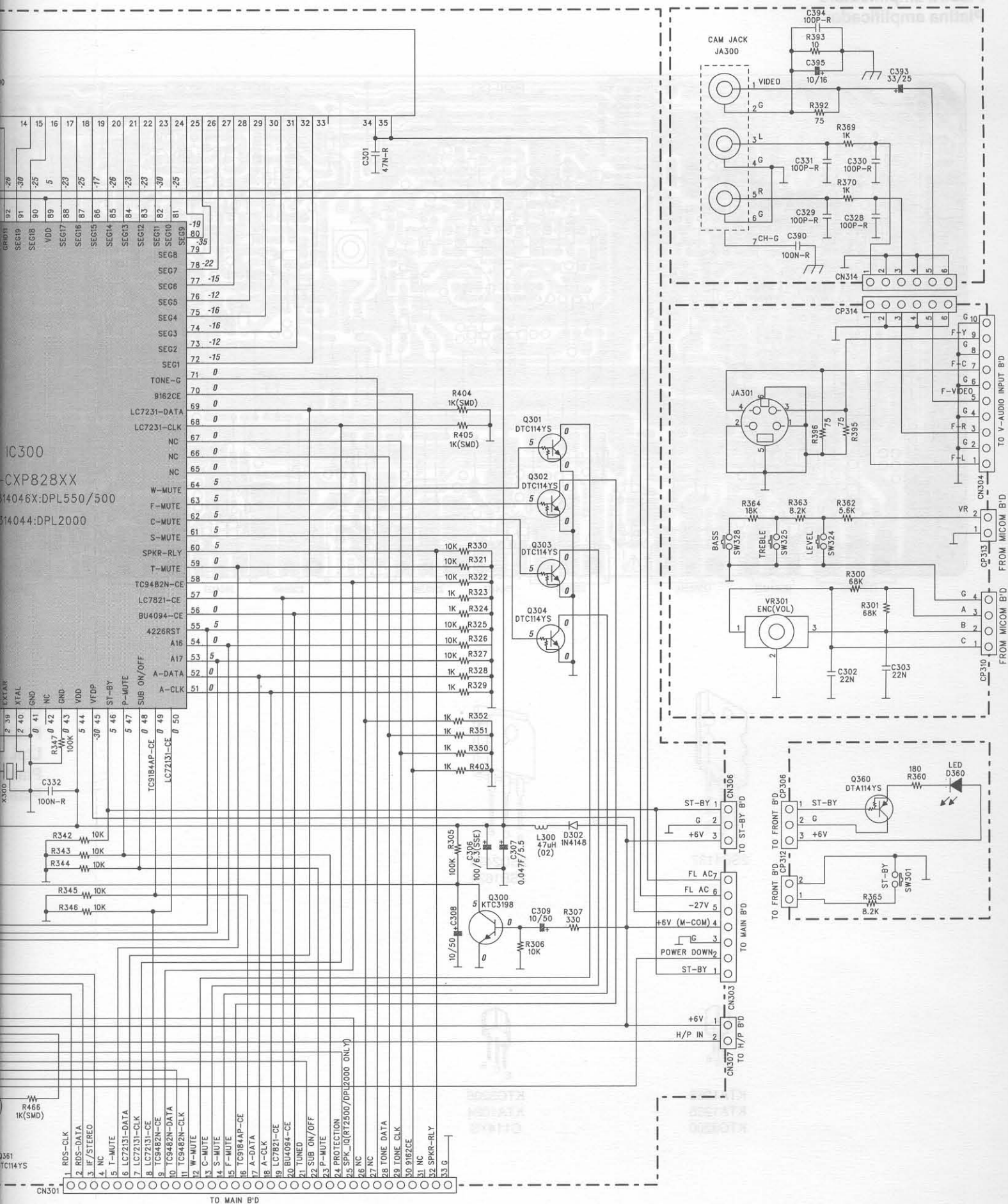


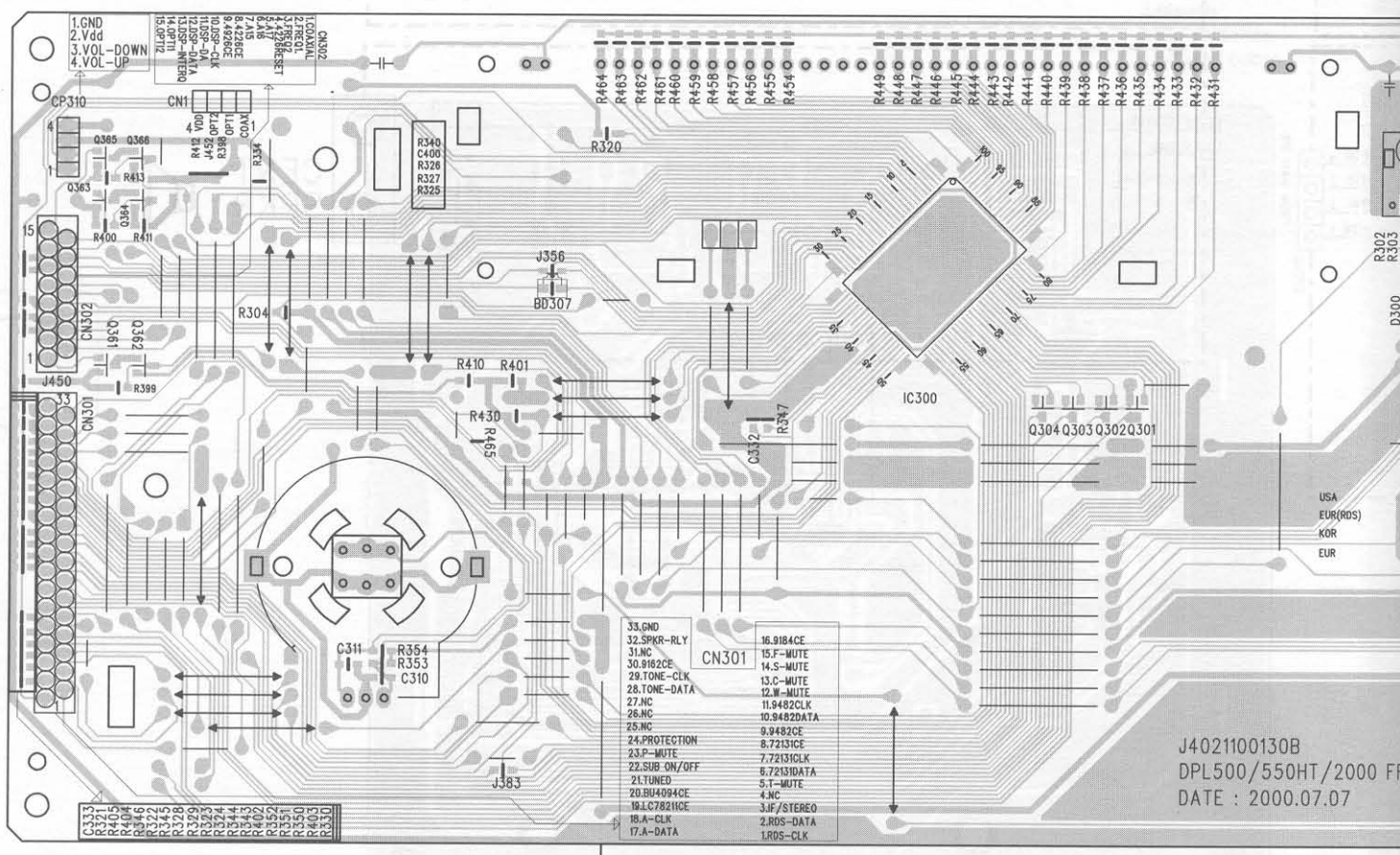
Volume P.C.B.
 Platine volume
 Ltpl. Lautstärke
 Piastra volume
 Platina volumen



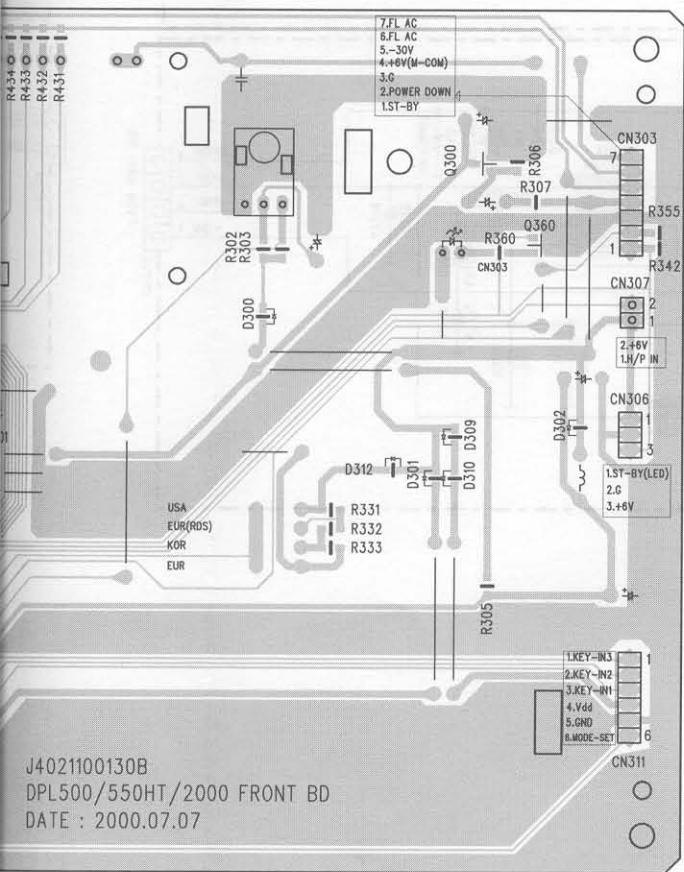
CONTROL / DISPLAY SCHEMATIC DIAGRAM - SCHEMA COMMANDES / AFFICHEUR - BEDIENTEIL / AN-
MANDOS / INDICADOR





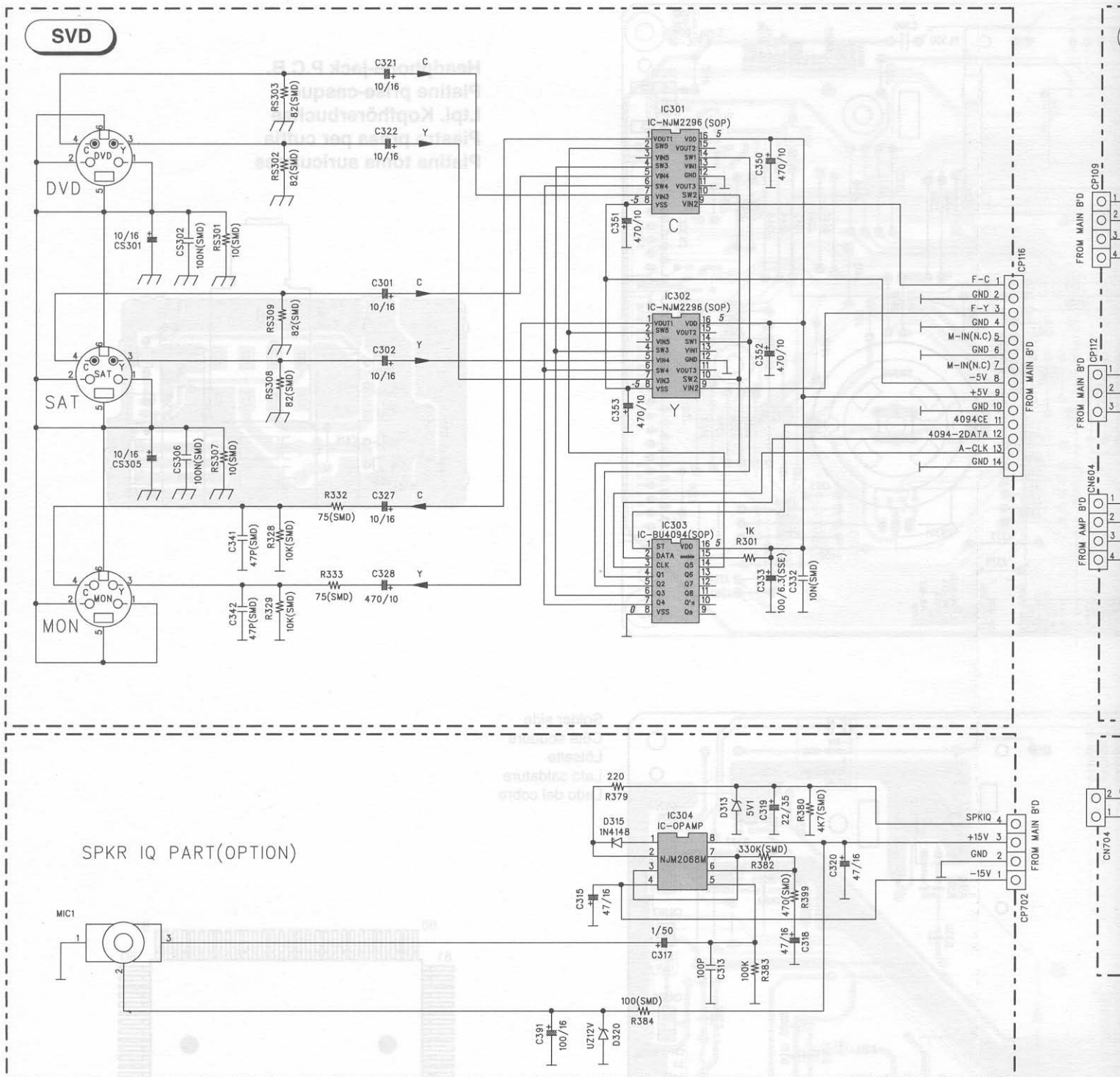


Component side
Côté composants
Bestückungsseite

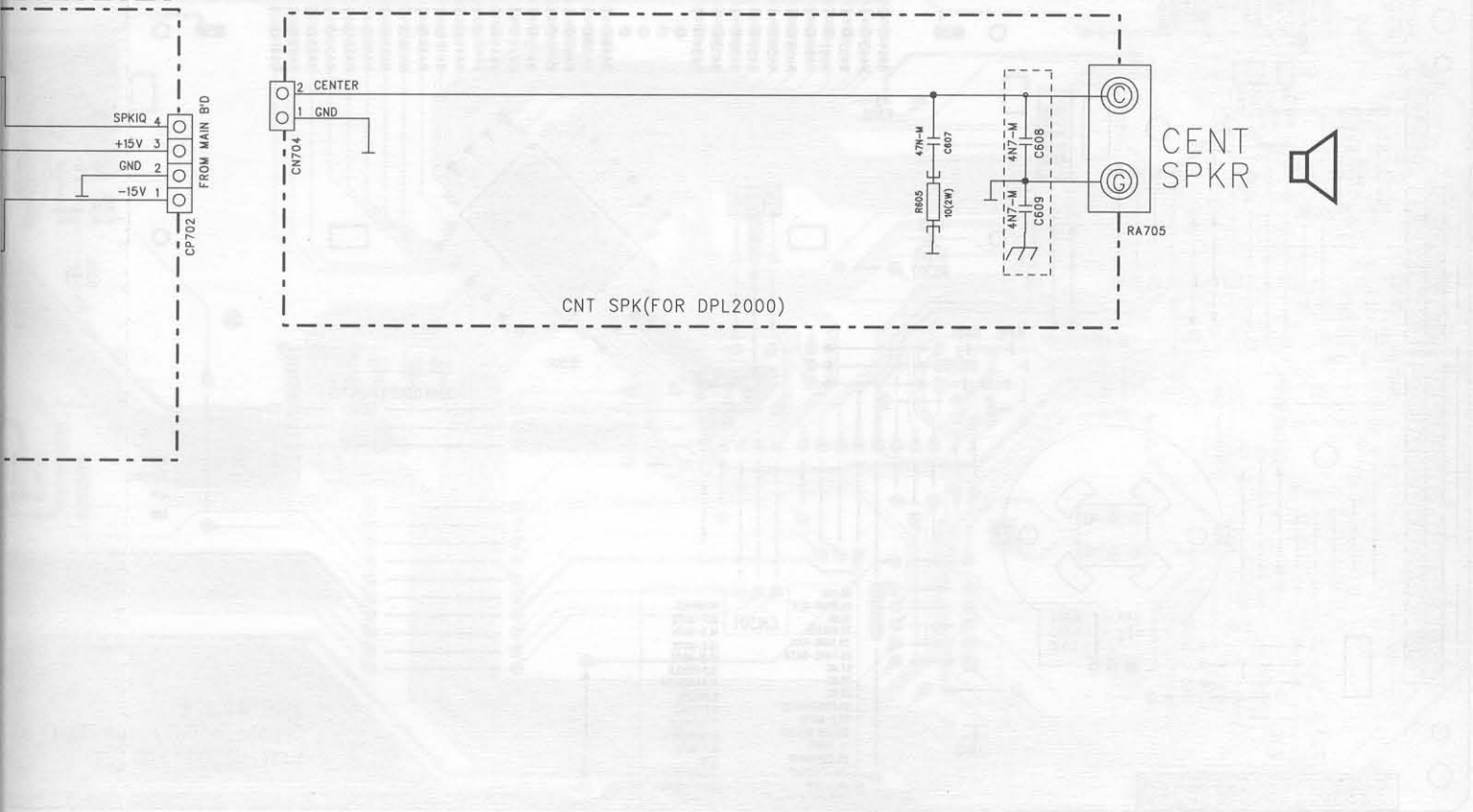


24

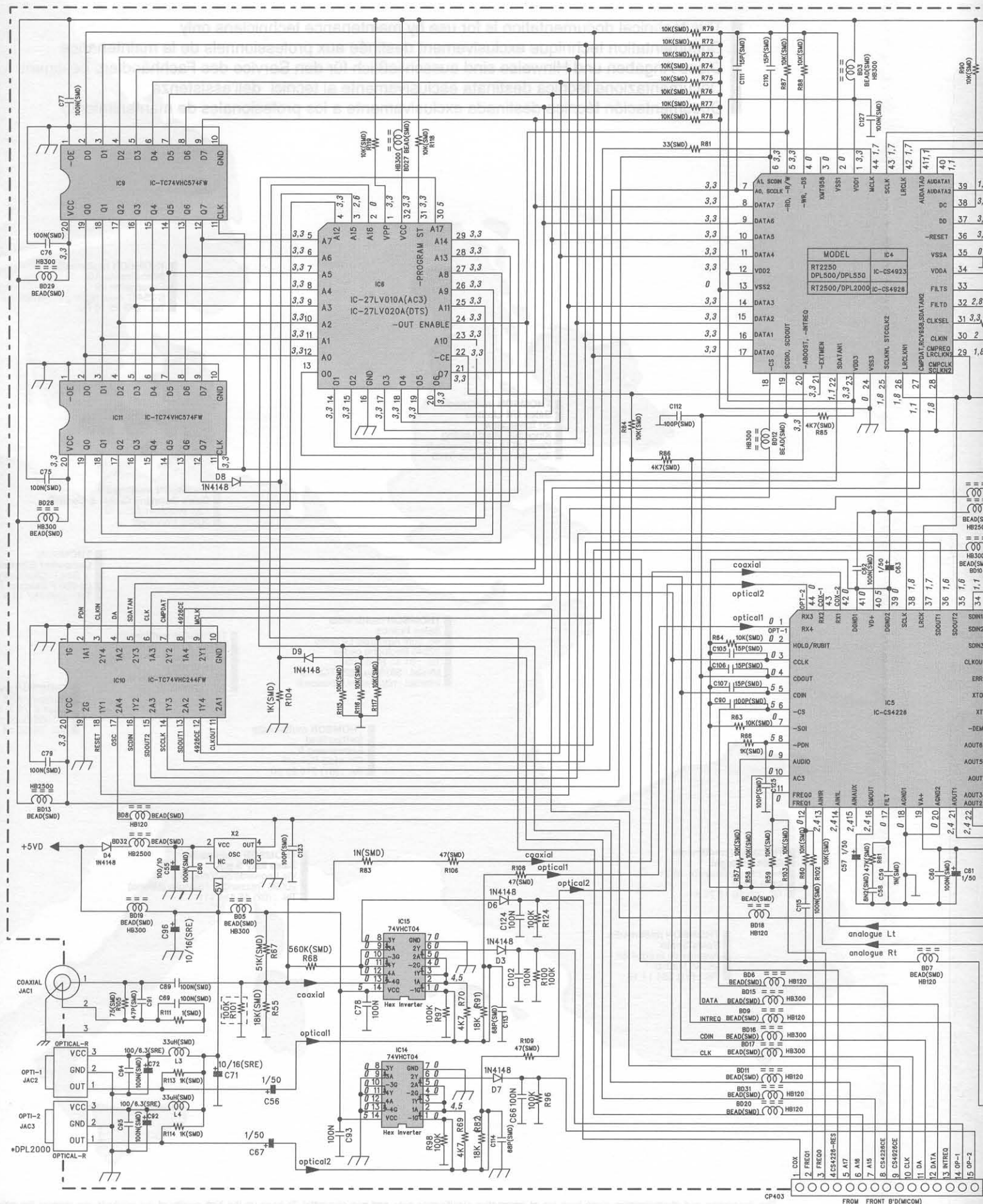
VIDEO AND SPEAKER INPUT/OUTPUT SCHEMATIC DIAGRAM - SCHEMA DES ENTREES/SORTIES VIDEO ET AUDIO - SCHEMA DEI
EINGÄNGEN/AUSGANG - SCHEMA INGRESSI/USCITÀ VIDEO E ALTOPARLANTI - ESQUEMA ENTRADAS Y SALIDAS DE VIDEO Y



LAUTSPRECHER

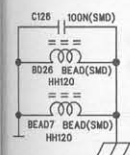


DIGITAL PROCESSING SCHEMATIC DIAGRAM - SCHEMA DU TRAITEMENT DIGITAL - SCHALTBILD DIGITAL TRATAMIENTO DIGITAL

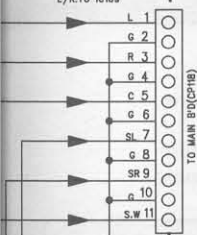




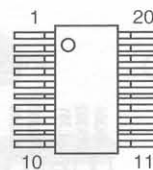
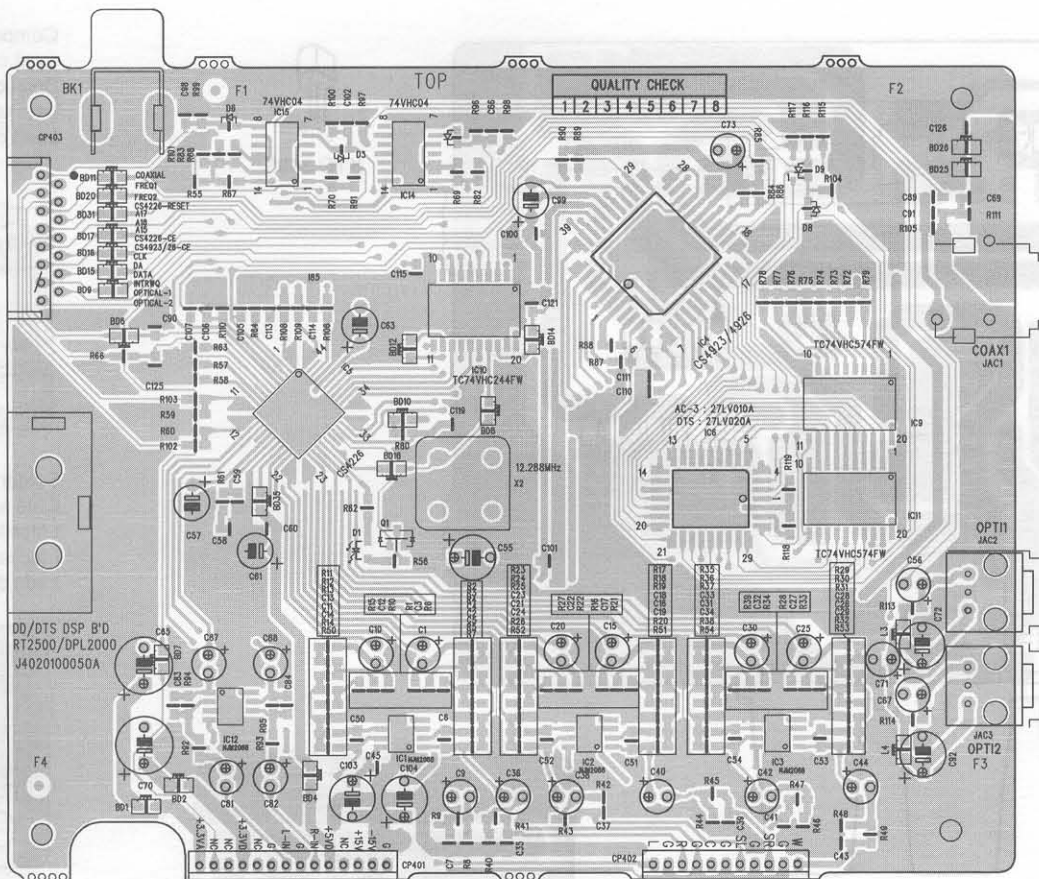
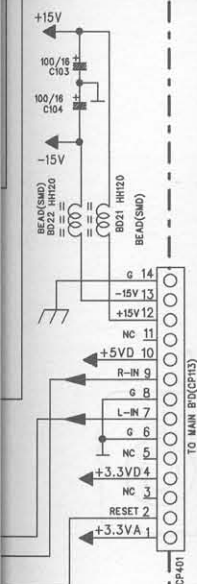
AC3



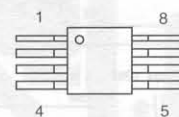
(MAIN SHEET)
L/R:TO IC109



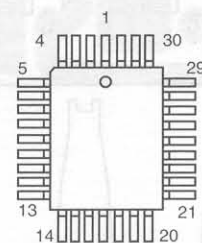
C/SL/SR/S.W:TO IC401
(PROCESSOR SHEET)



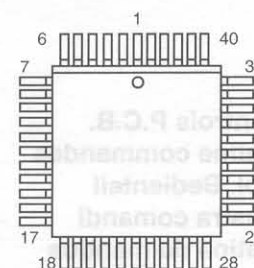
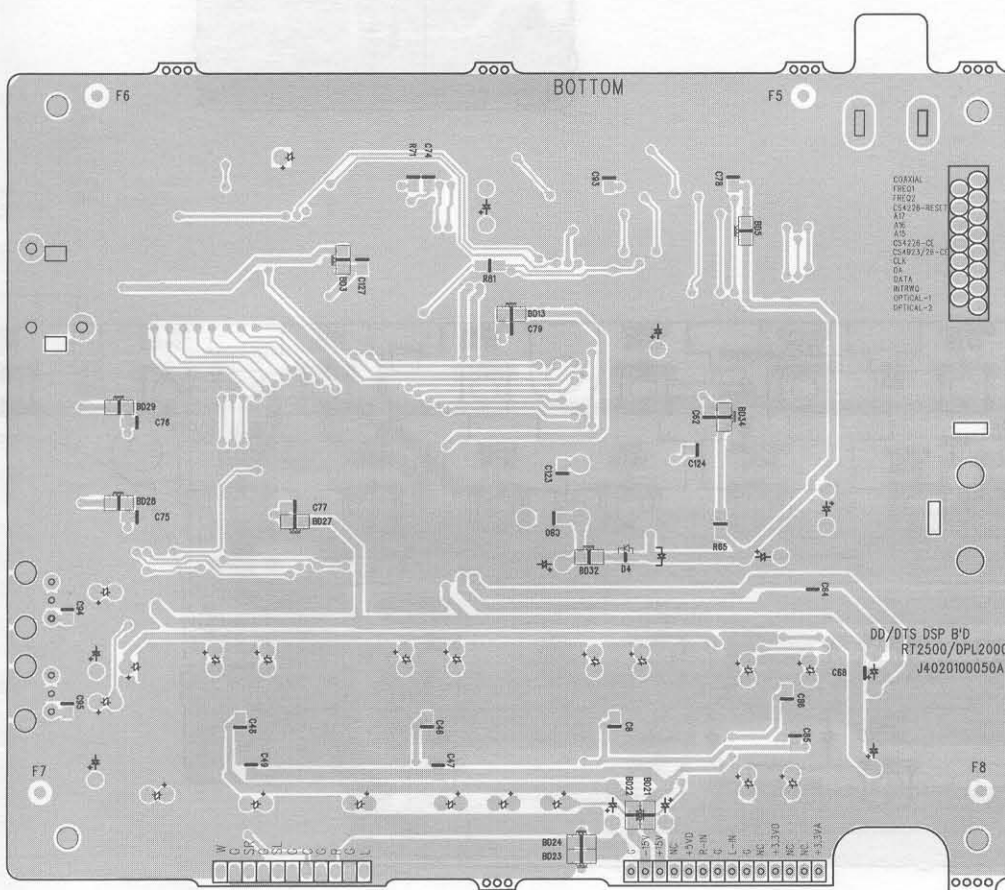
TC74VHC574FW
TC74VHC244FW



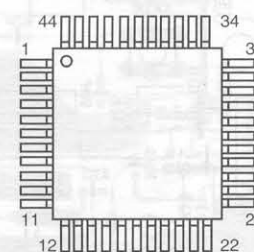
NJM2068DD
NJM20658DD



27LV010A
27LV020A



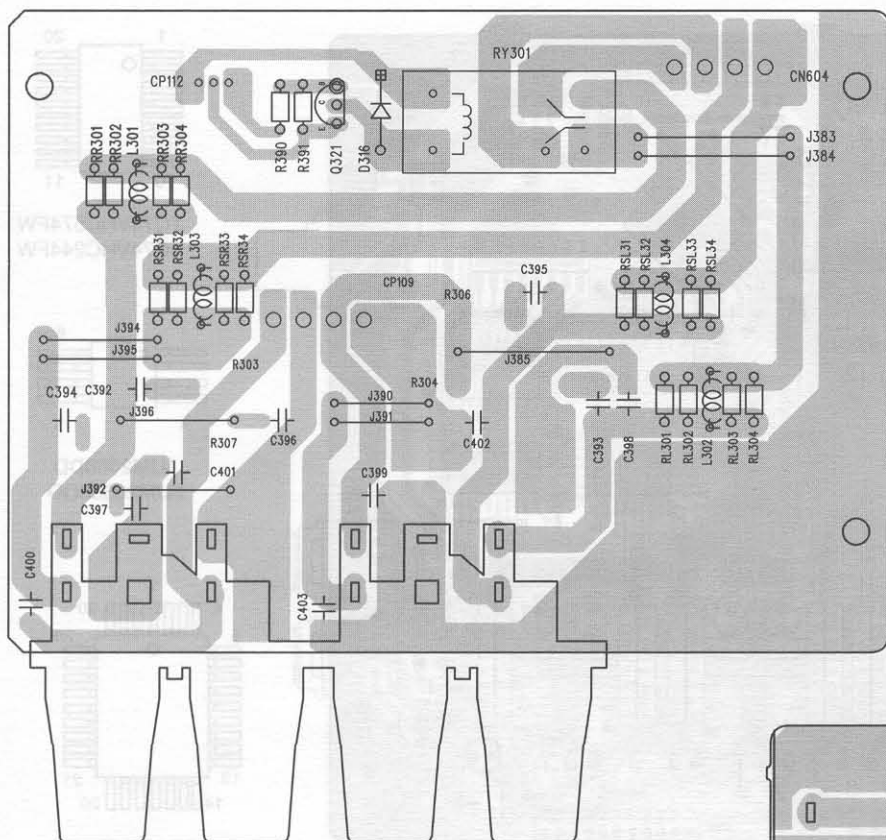
CS4923



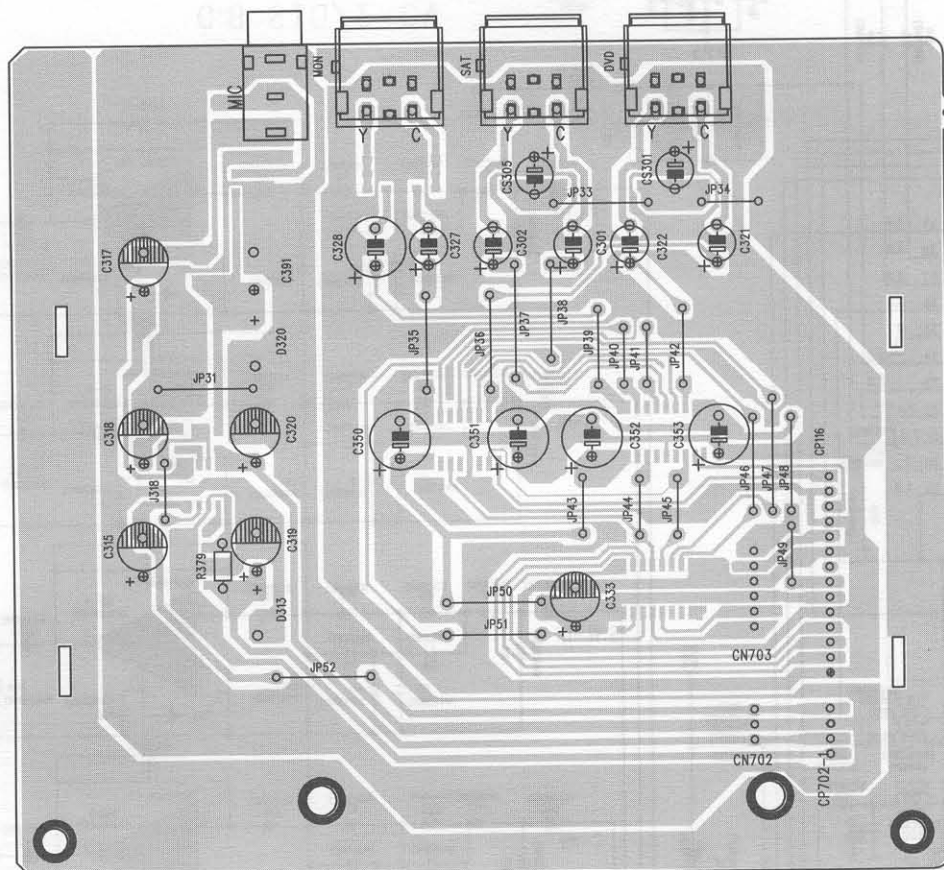
CS4226

Solder side
Côté soudure
Lötseite
Lato saldature
Lado del cobre

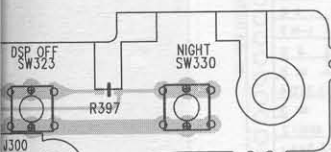
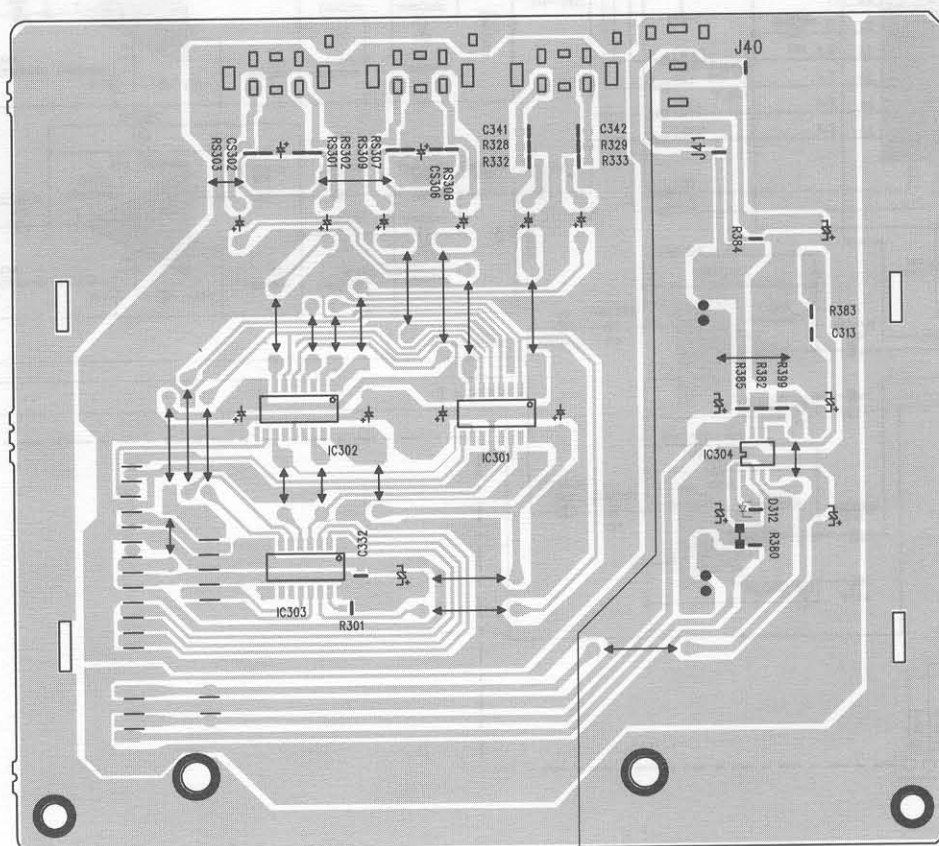
Speaker P.C.B.
Platine haut-parleurs
Lautsprecher P.C.B.
Piastra altoparlanti
Platina altavoces



Component side
Côté composants
Bestückungsseite
Lato componenti
Lado componentes



Solder side
Côté soudure
Lötseite
Lato saldature
Lado del cobre



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