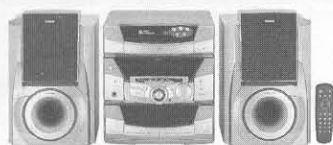




**SERVICE MANUAL
DOCUMENTATION TECHNIQUE
TECHNISCHE DOKUMENTATION
DOCUMENTAZIONE TECNICA
DOCUMENTACION TECNICA**

THOMSON **ALTIMA 3600**
ALTIMA 3800

Version (PC*): A



ALTIMA 3600



ALTIMA 3800

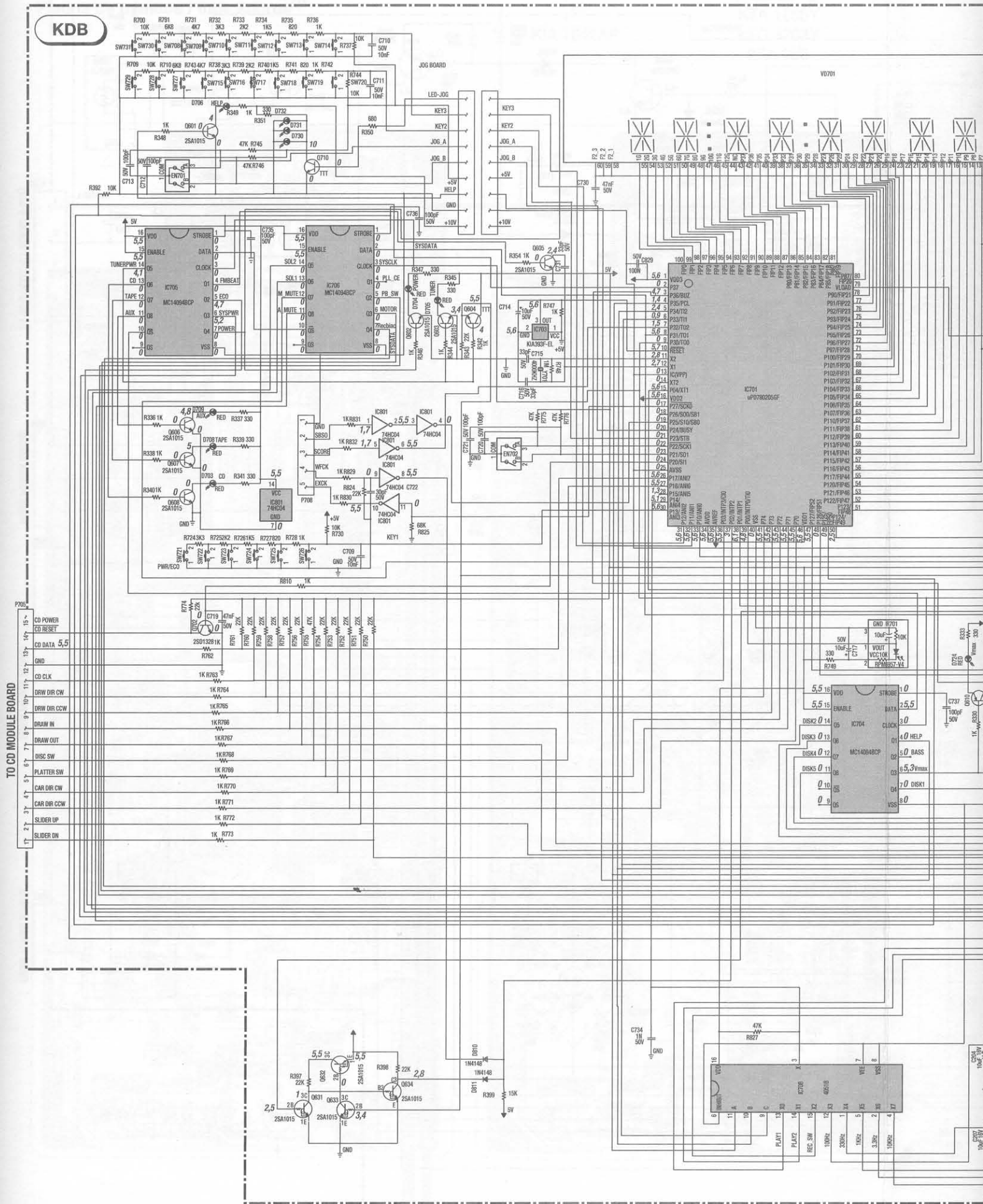
**Technical data - Caractéristiques principales
Technische Daten - Dati tecnici - Características del aparato**

Type of set : Cassette radio recorder / compact disc Type d'appareil : Combiné radio cassette / CD Geräteart : CD-Radio Cassetten Portable Tipo d'apparecchio : Insieme radio cassette / CD Tipo de aparato : Radio cassette / CD		 8,9 kg	
Power supply : Alimentation : 230 V ~ 50 Hz Stromversorgung : Alimentazione : Alimentación :		Nominal output power : Puissance nominale de sortie : main 2 x 15 W (rms) Nennausgangsleistung : sub-woofer 2 x 55 W (rms) Potenza nominale di uscita : Potencia nominal de salida :	
FM - MF : 87,5 - 108 MHz MW - PO : 522 - 1611 kHz LW - GO : 150 - 283 kHz		Sensitivity : Sensibilité : FM - MF : 8 µV (S/N = 30 dB) Empfindlichkeit : MW - PO : 800 µV/m (S/N = 20 dB) Sensibilità : LW - GO : 2000 µV/m (S/N = 20 dB) Sensibilidad :	
Frequency response : Courbe de réponse : 125 Hz - 8 kHz Frequenzgang : (-5 dB) Curva di risposta : Curva de respuesta :		Signal to noise ratio : Rapport signal / bruit : 44 dB Geräuschspannungsabstand : Rapporto segnale / disturbo : Relación señal / ruido :	
Wow and flutter : Fluctuations : 0,3 % Gleichlauf : Fluttuazioni : Fluctuaciones :		4,76 cm/S C60 : 170 S	
Disc rotation speed : Vitesse de rotation du disque : 200 → 500 tr/m CD-Drehgeschwindigkeit : Velocità di rotazione del disco : Velocidad de rotación del disco :		Frequency response : Courbe de réponse : f = 40 Hz - 20 kHz (-3 dB) Frequenzgang : Curva di risposta : Curva de respuesta :	
DAD Total harmonic distortion : Distorsion harmonique : 1 % (f = 1 kHz) Klirrfaktor : Distorsión armónica : Distorsione armonica :		Signal to noise ratio : Rapport signal / bruit : 65 dB Geräuschspannungsabstand : Rapporto segnale / disturbo : Relación señal / ruido :	



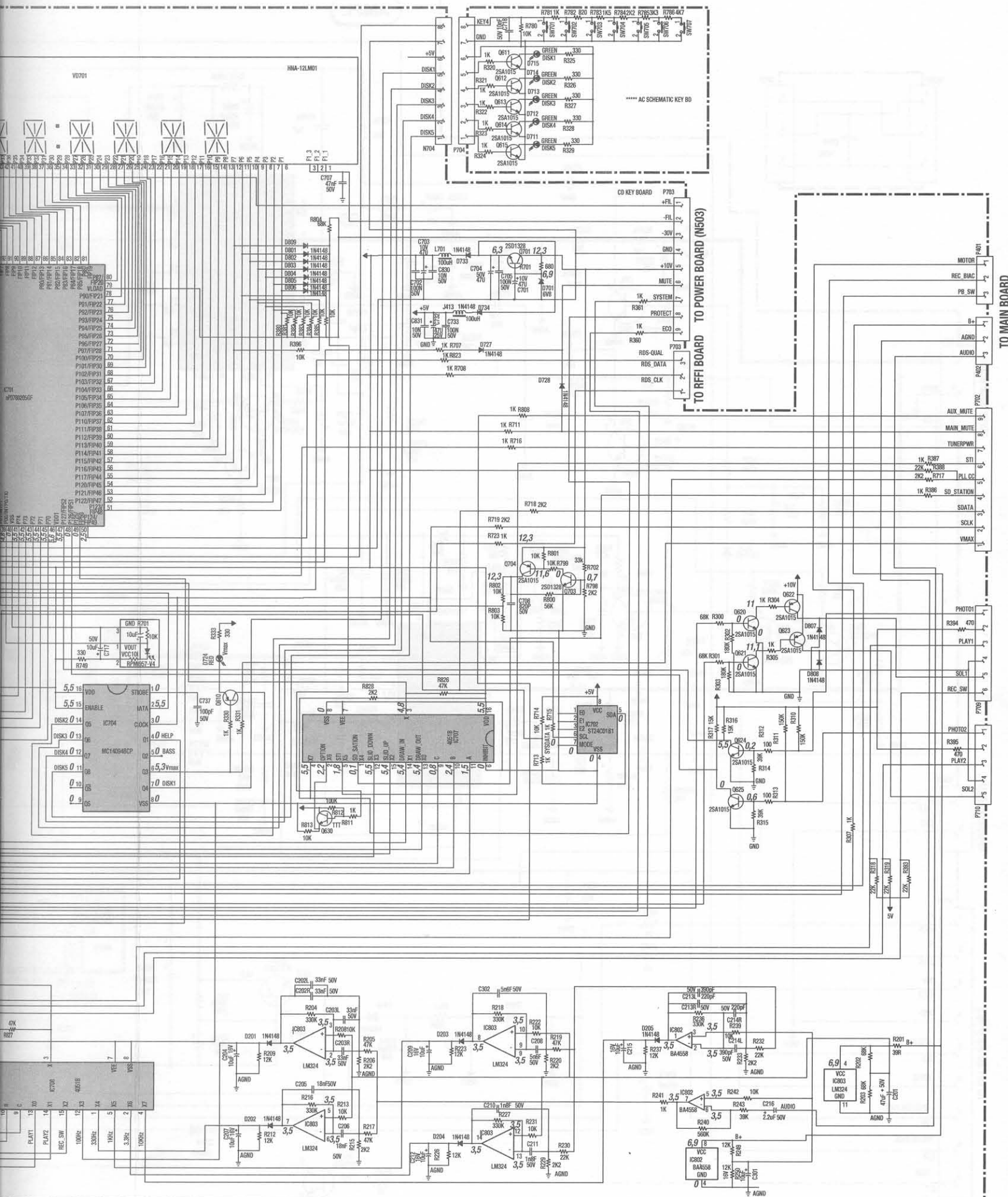
WARNING : Before servicing this chassis please read the safety recommendations.
ATTENTION : Avant toute intervention sur ce châssis, lire les recommandations de sécurité.
ACHTUNG : Vor jedem Eingriff auf diesem Chassis, die Sicherheitsvorschriften lesen.
ATTENZIONE : Prima di intervenire sullo chassis,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

CONTROL / DISPLAY SCHEMATIC DIAGRAM - SCHEMA COMMANDES / AFFICHEUR - SCHALTBILD BE ESQUEMA MANDOS / INDICADOR

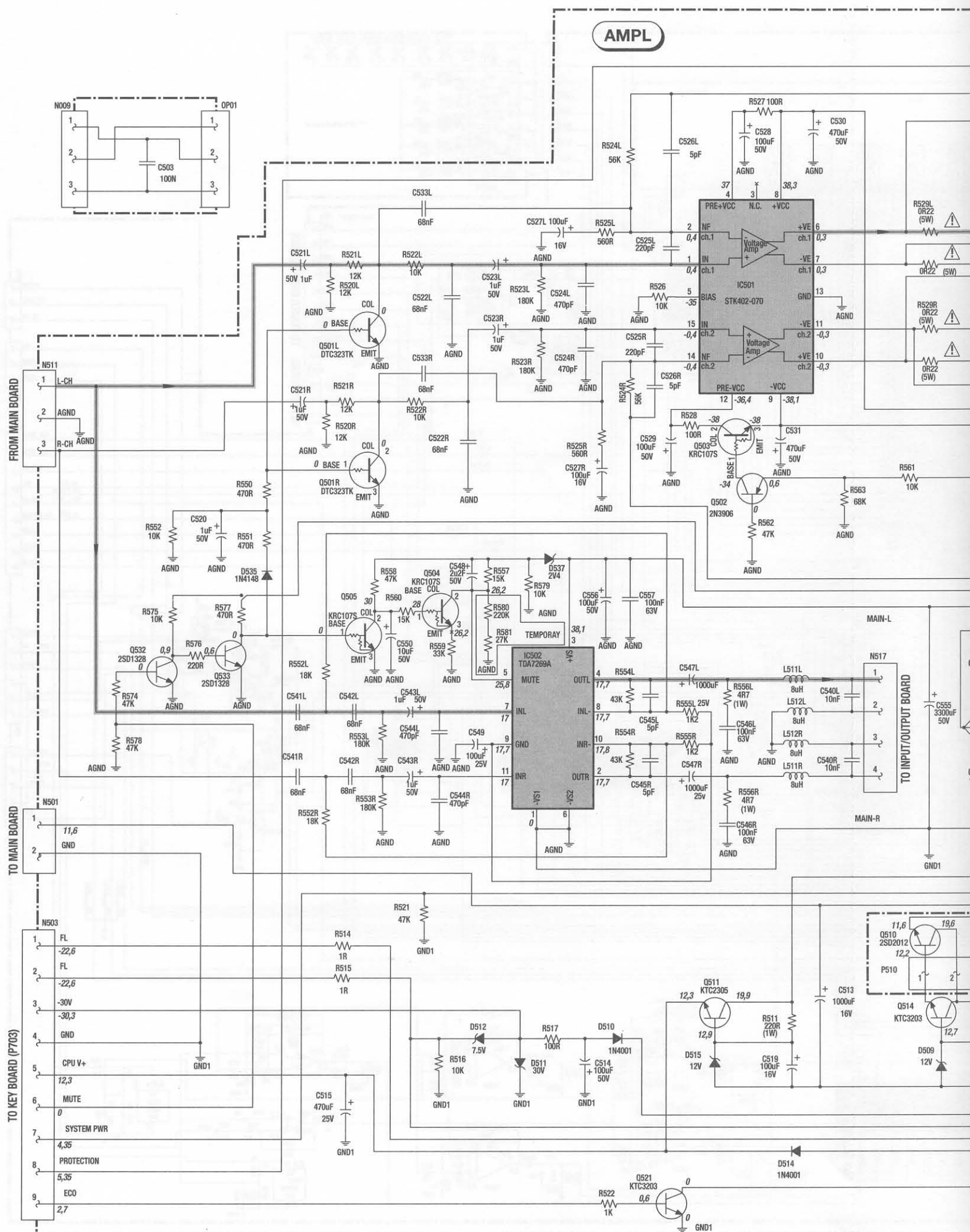


CRKD 2523/CRKD 2525

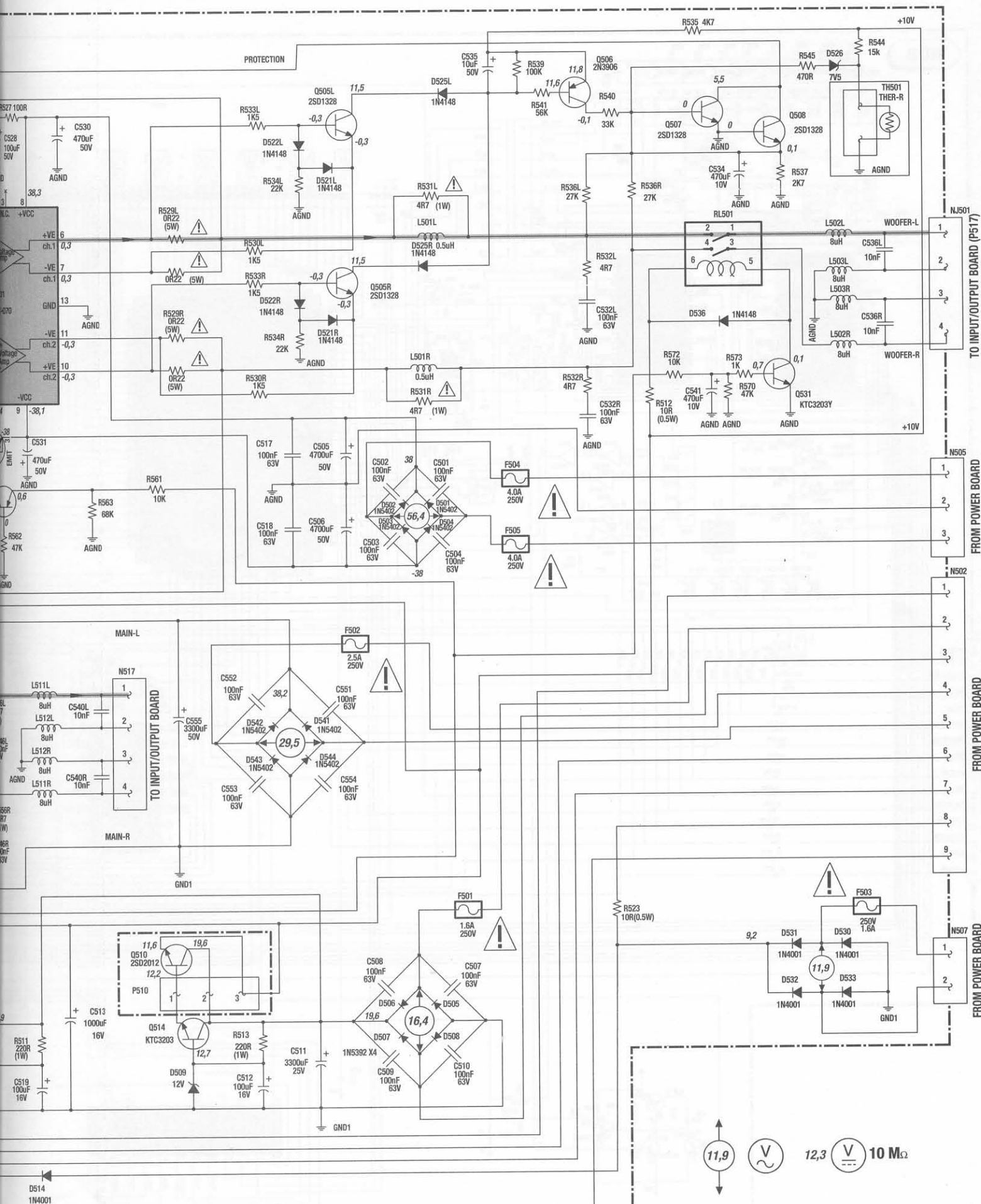
First issue 08/00



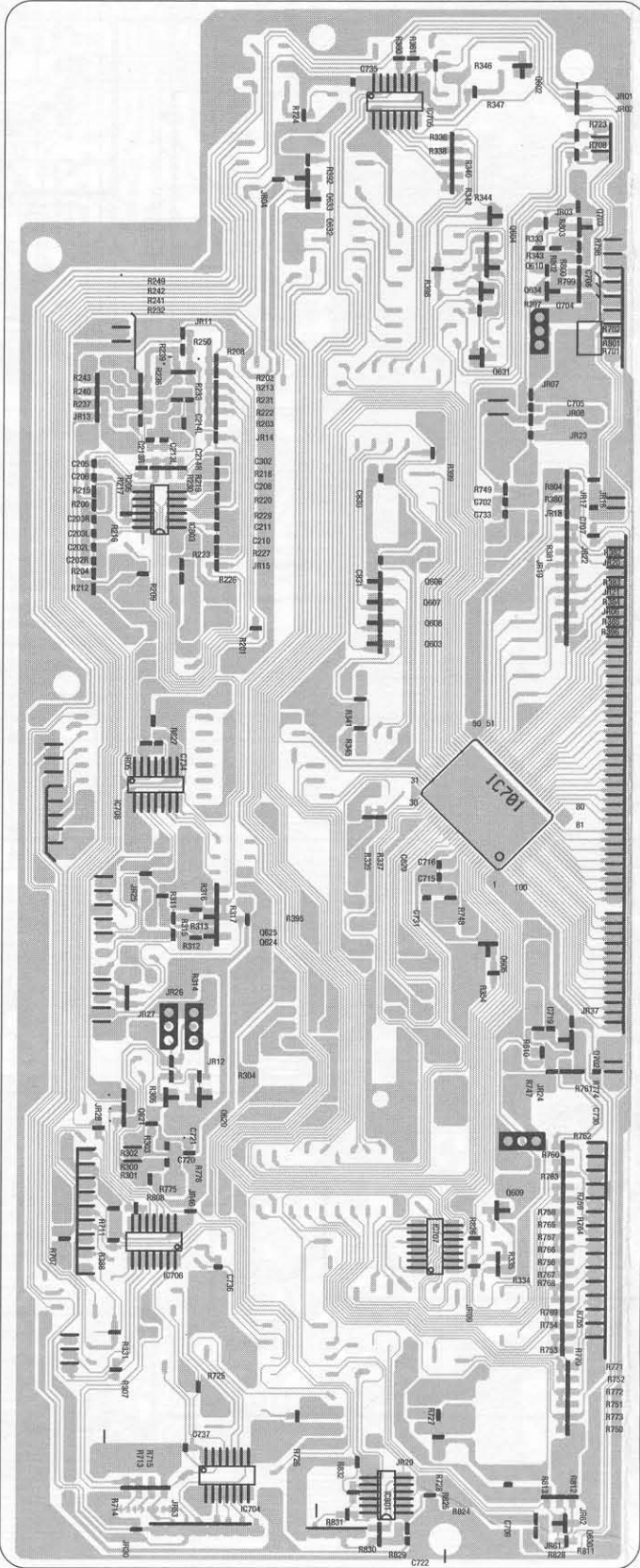
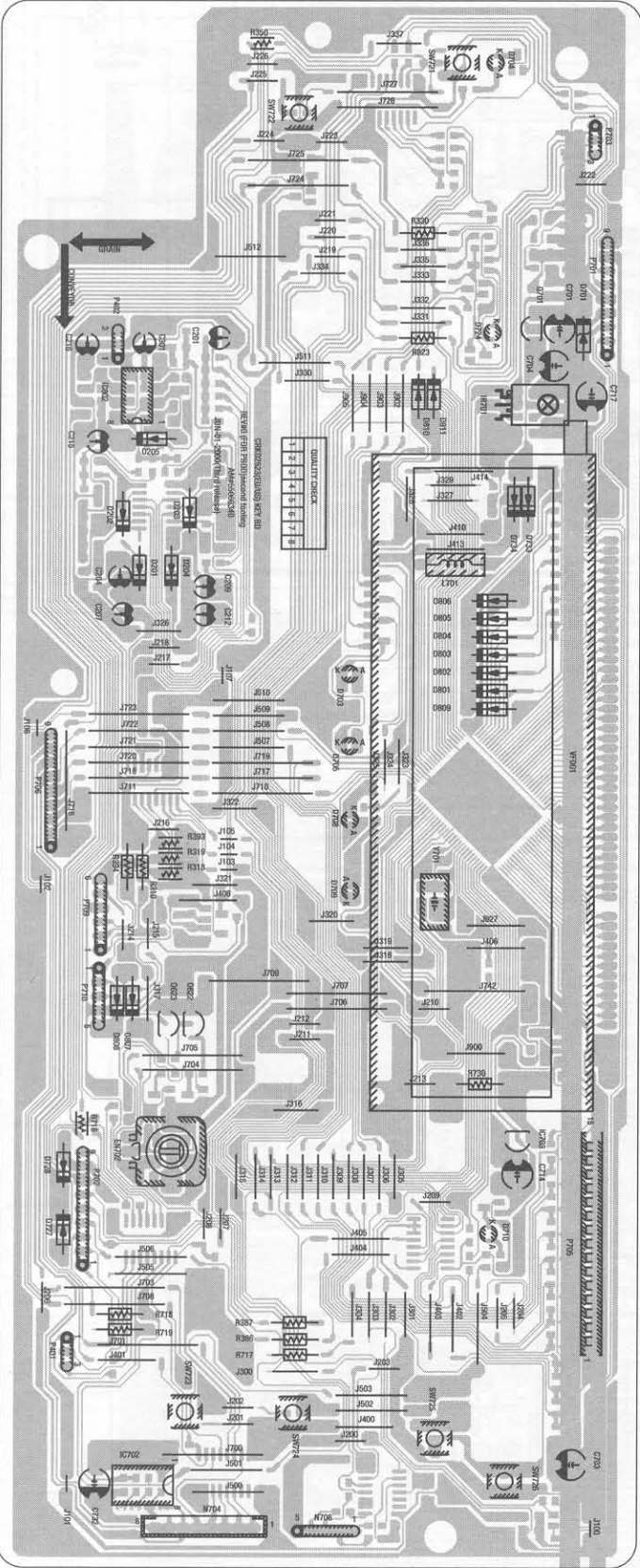
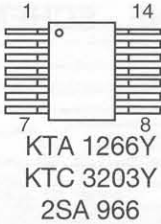
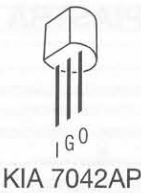
AMPLIFIER AND POWER SUPPLY SCHEMATIC DIAGRAM - SCHEMA DE L'AMPLIFICATEUR ET DE L'ALIMENTATION - SCHEMA DELL'AMPLIFICATORE E DELL'ALIMENTAZIONE - ESQUEMA DEL AMPLIFICADOR Y DE LA ALIMENTACION



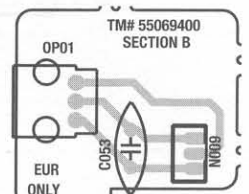
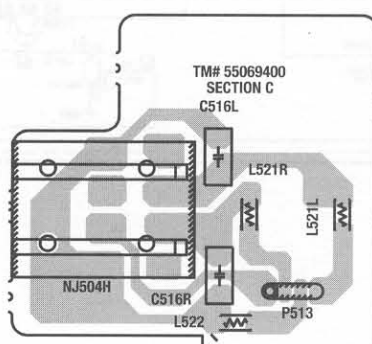
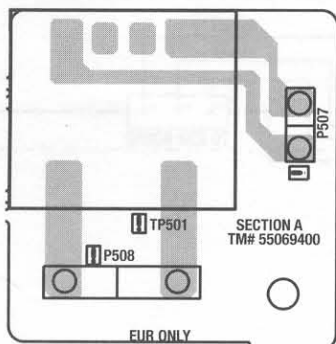
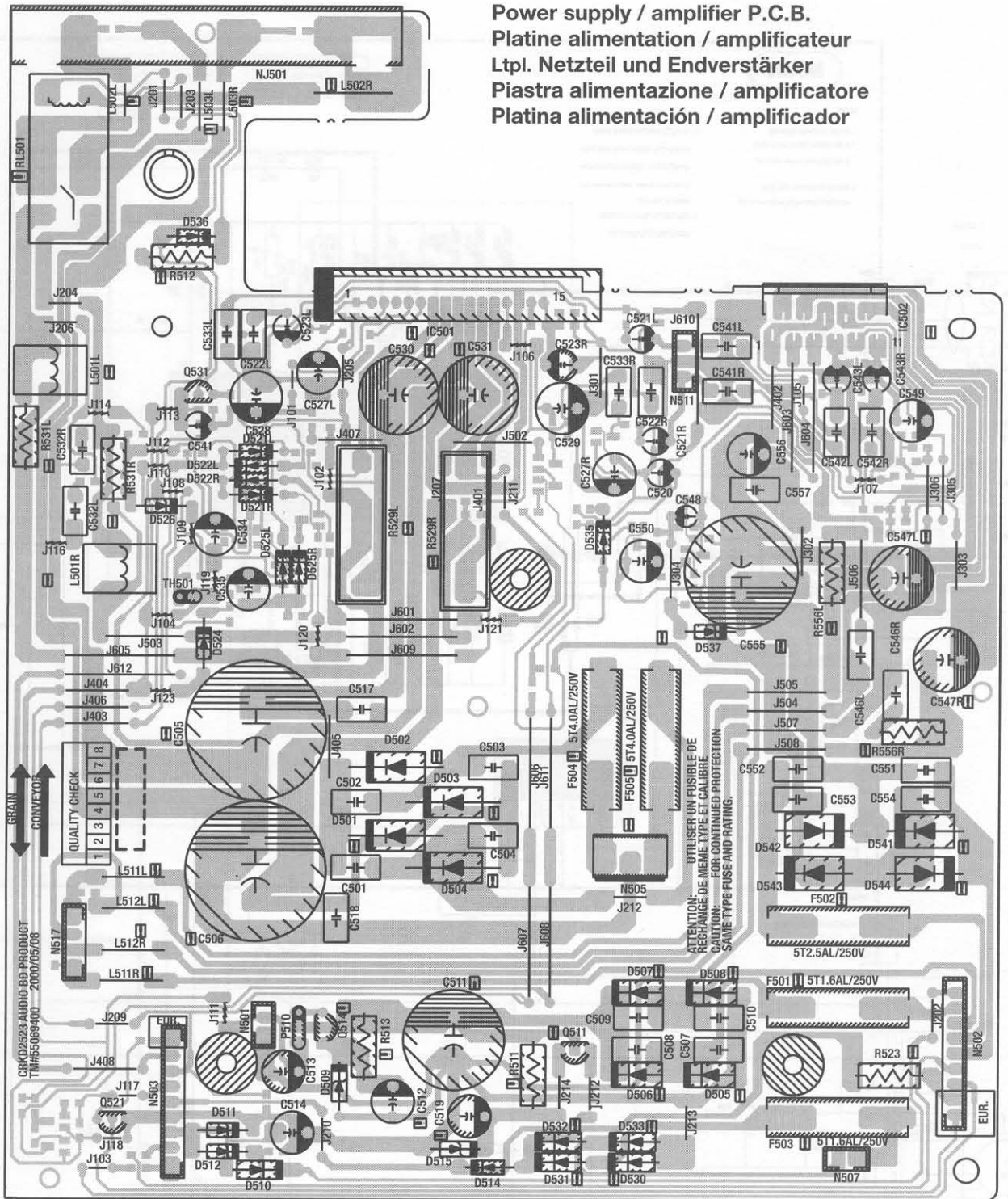
PLIFICATEUR ET DE L'ALIMENTATION - SCHALTBILD ENDVERSTÄRKER UND NETZTEIL - MPLIFICADOR Y DE LA ALIMENTACIÓN



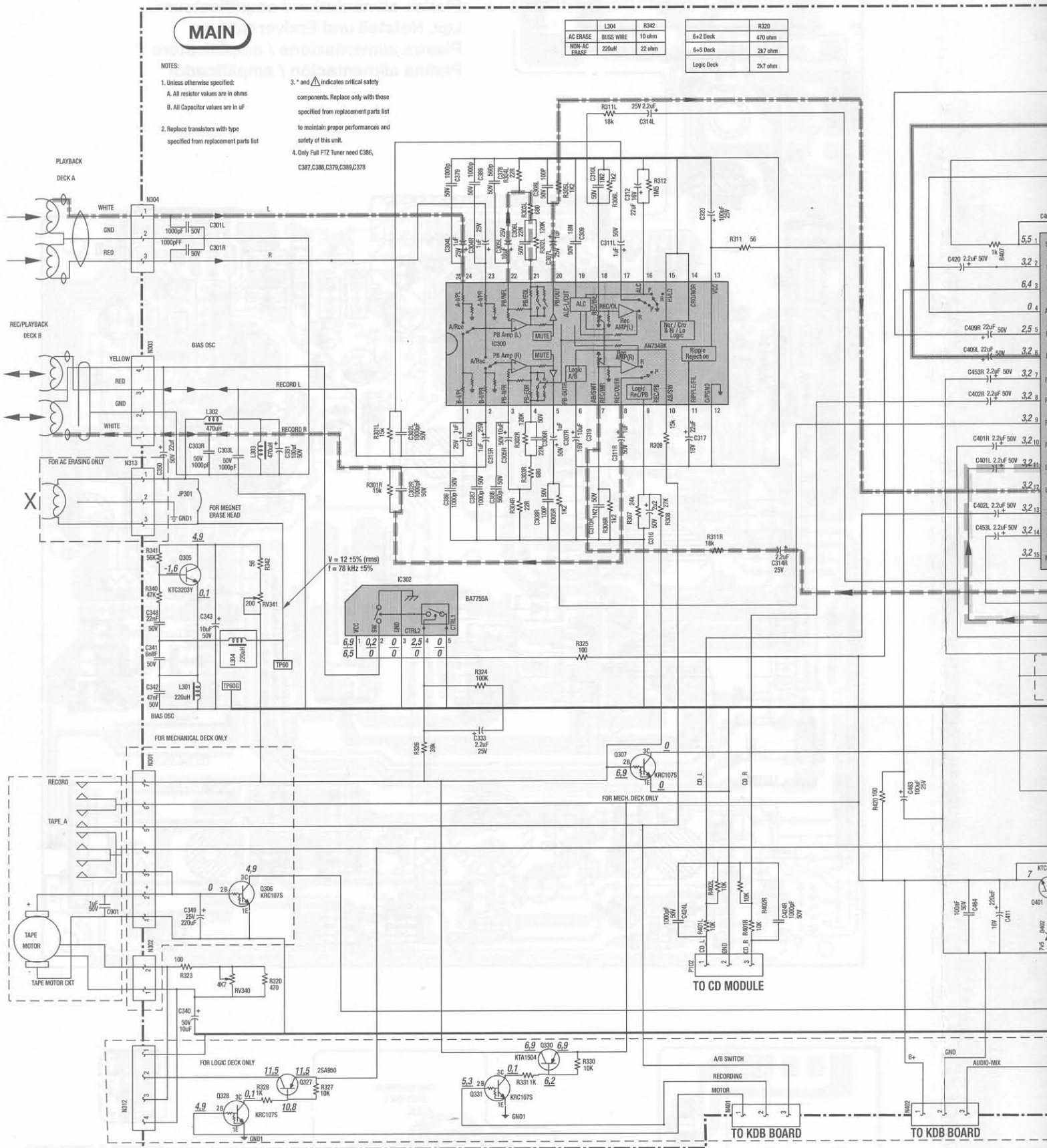
Controls / display P.C.B.
Platine commandes / afficheurs
LtpI. Bedienteil / Anzeige
Piastra comandi / indicatore
Platina de mandos / indicadores

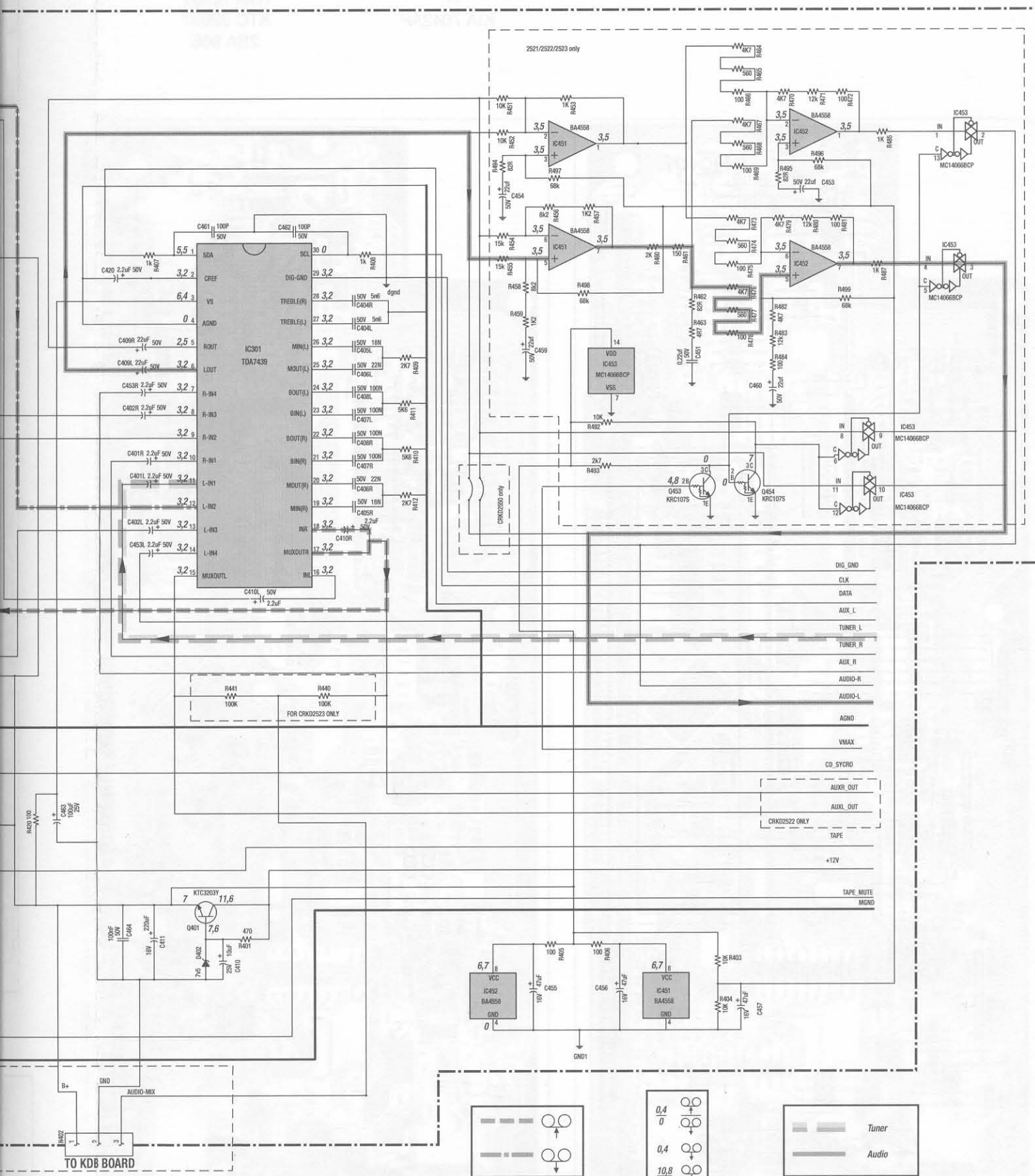


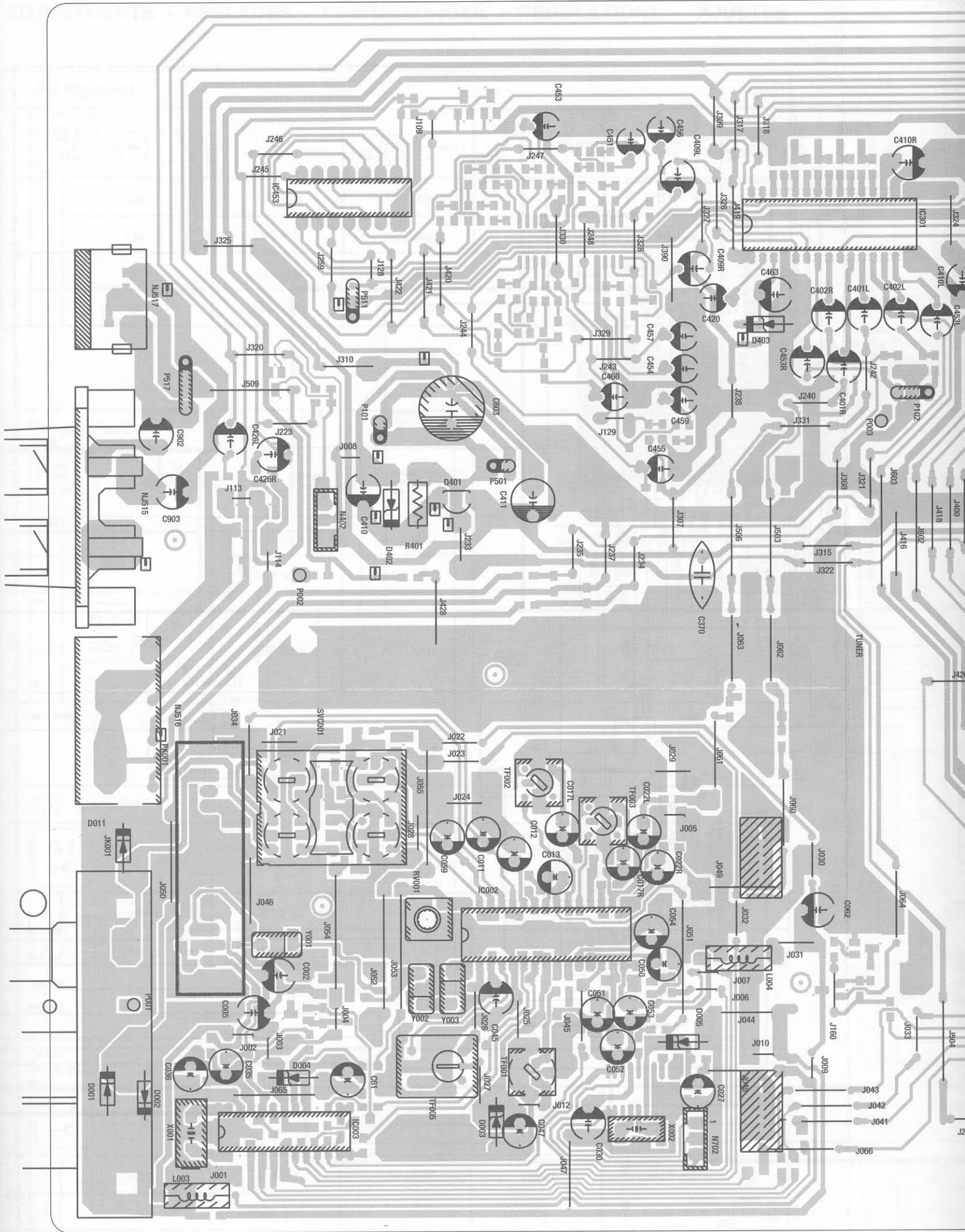
Power supply / amplifier P.C.B.
Platine alimentation / amplificateur
Ltpl. Netzteil und Endverstärker
Piastra alimentazione / amplificatore
Platina alimentación / amplificador

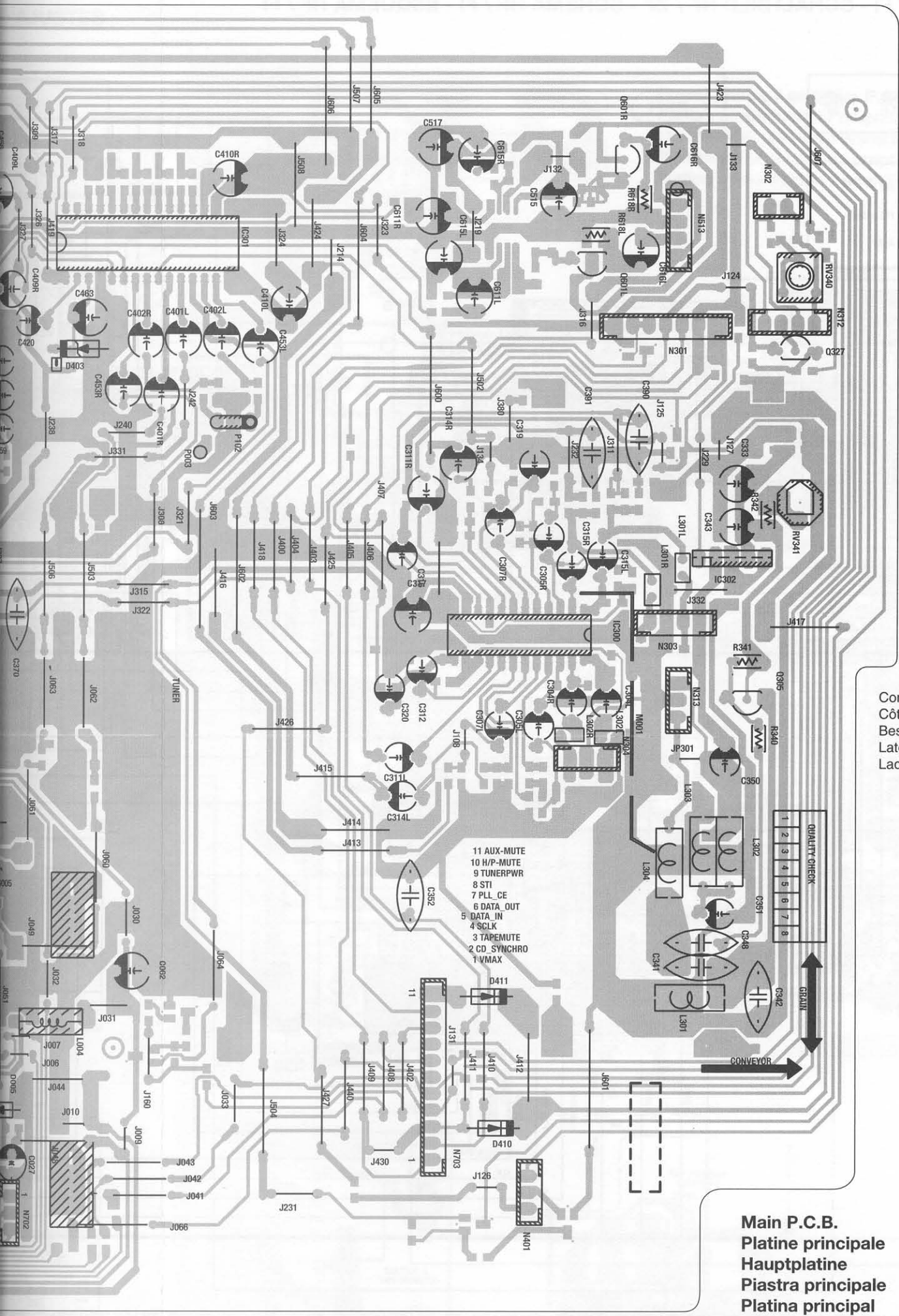


MAIN SCHEMATIC DIAGRAM - SCHEMA DE LA PLATINE PRINCIPALE - SCHALTBIKD HAUPTPLATINE



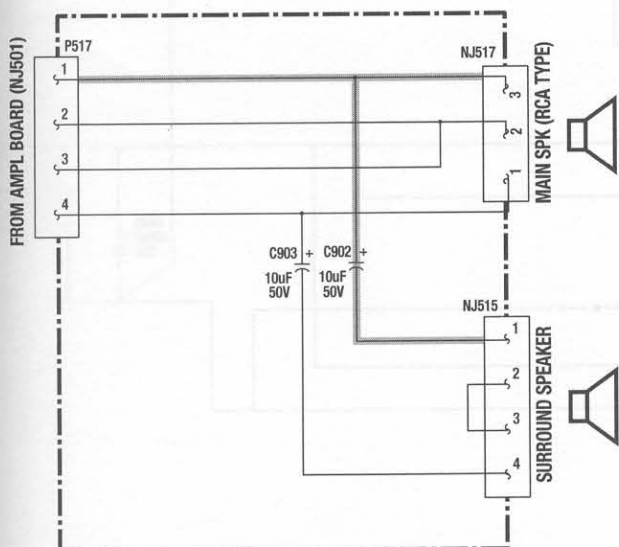
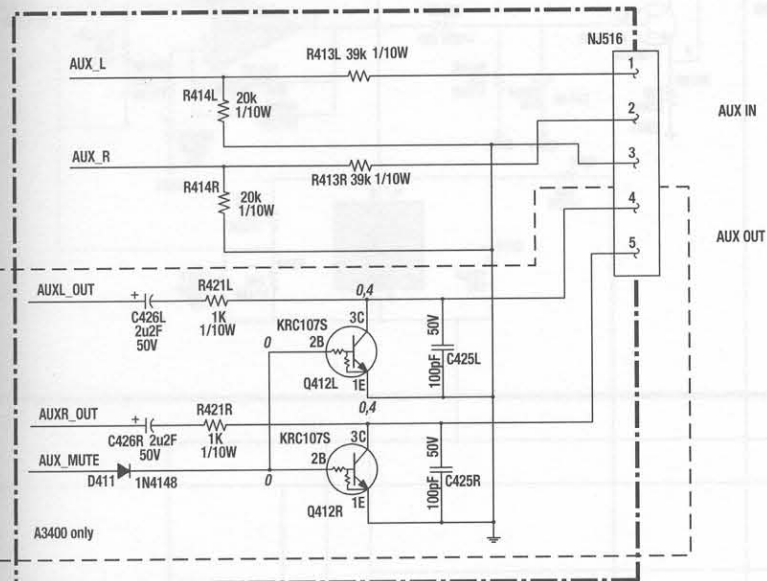




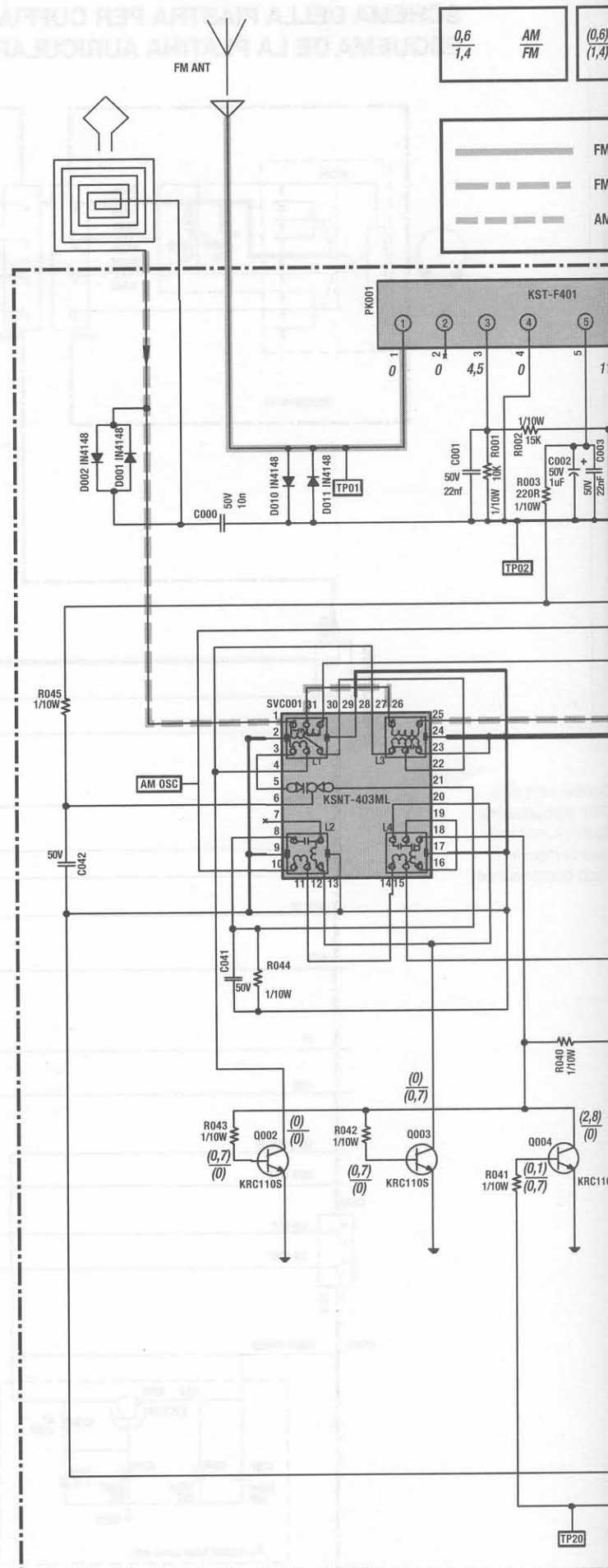


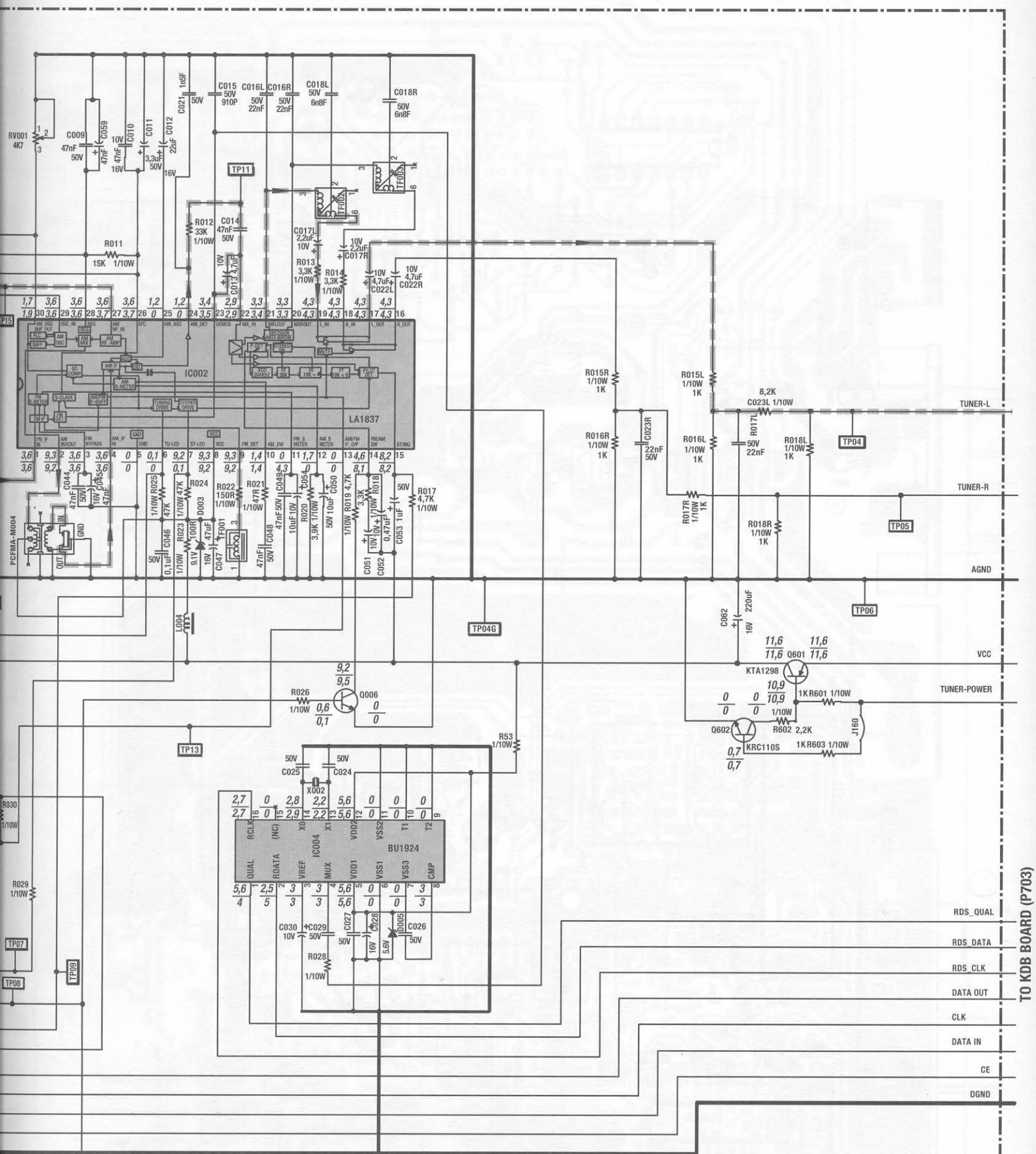


UT / OUTPUT SOCKETS SCHEMATIC DIAGRAM -
 HEMA DES ENTREES / SORTIES -
 HALTBILD EINGÄNGE / AUSGÄNGE -
 HEMA INGRESSO / USCITÀ -
 QUEMA ENTRADA / SALIDA



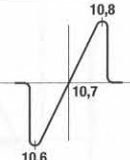
RF / FI SCHEMATIC DIAGRAM - SCHEMA HF / F



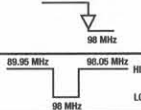


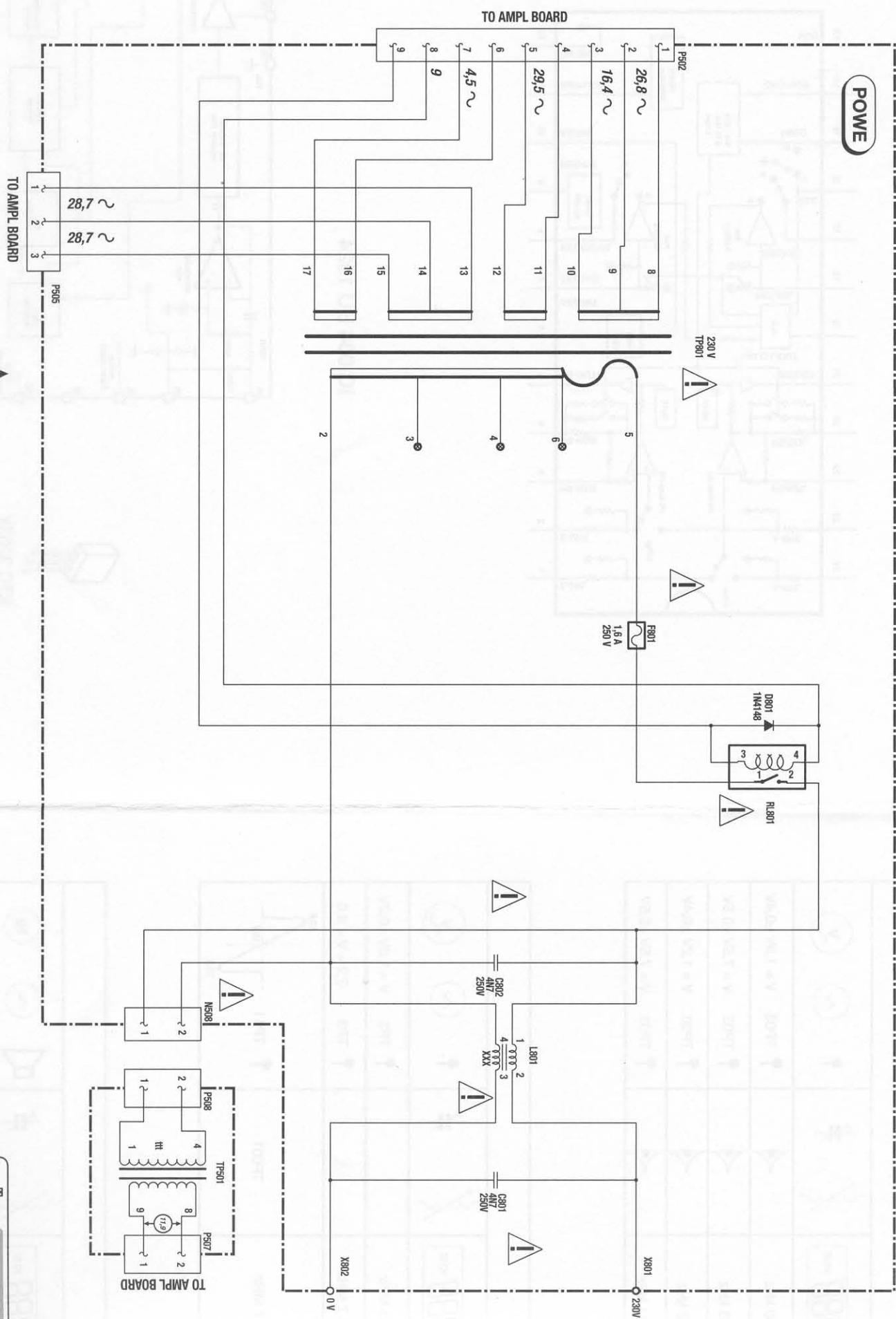
TO KDB BOARD (P703)

AM alignment						
	G f   		f	18888 KHZ		
Osc	1	LW	150 kHz	150 kHz		 TP03 V = 1,8V ±0,4V
	2	LW	283 kHz	283 kHz		 TP03 V = 7,5V ±0,5V
	3	MW	522 kHz	522 kHz		 TP03 V = 1,2V ±0,4V
	4	MW	1611 kHz	1611 kHz		 TP03 V = 7,5V ±0,5V

FM alignment						
	Gf 		f	18888 KHZ	 	  
VT	1		87,5 MHz	87,5 MHz		 TP3 $V = 1,3V \pm 0,2V$
	2		108,7 MHz	108,7 MHz		 TP3 $7,2 < V < 9,0$
IF	3	Gf  Ve = 10 mV	10,7 MHz	10,7 MHz	TF001	 TP11 

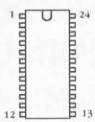
Decoder						
				f		    
	1		Lch	98 MHz	98 MHz	TF003 Rch min
	2		25dBu Rch	98 MHz	98 MHz	TF002 Lch min

Scan stop						
				f		   
FM	1	25dBf	98 MHz	98 MHz	TV001	 TP12 
	2	25dBf	89,95 kHz			 TP12

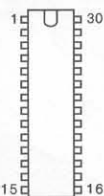




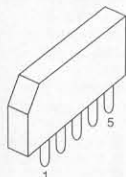
Main P.C.B.
Platine principale
Hauptplatine
Piastra principale
Platina principal



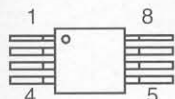
AN 7348K



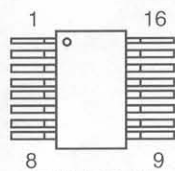
TDA 7439



BA 7755A

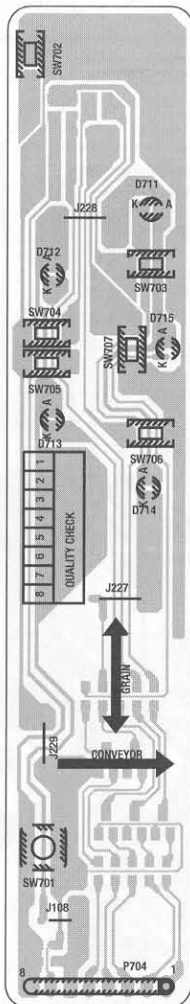
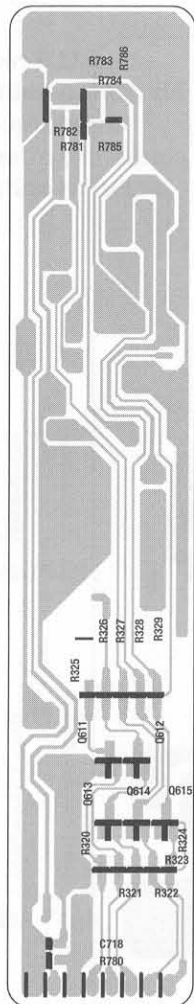


BA 4558F

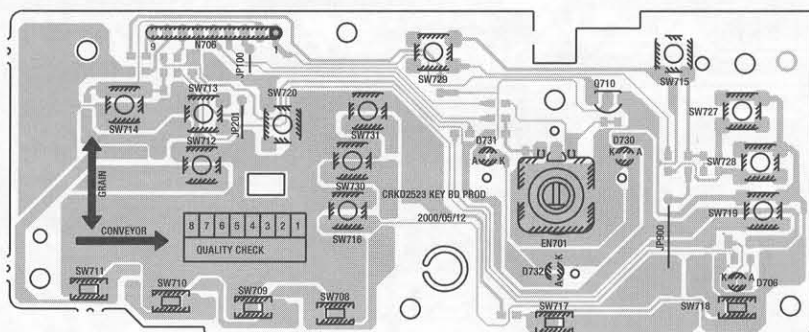


BU 1924F

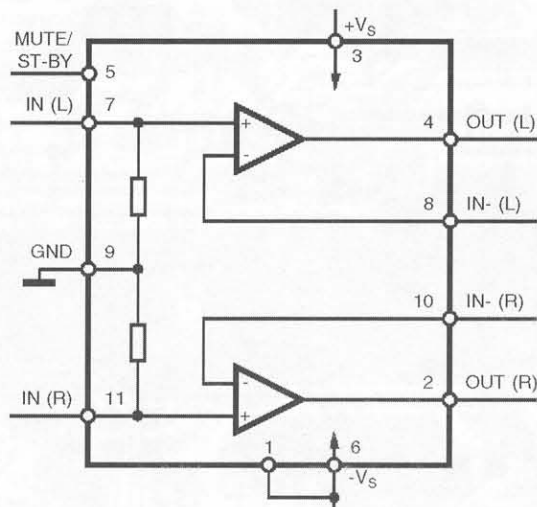
Solder side
 Côté cuivre
 Lötseite
 Lato saldature
 Lado del cobre



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



IC 502 TDA 7269



IC 301 TDA 7439

