

THOMSON MULTI MEDIA

Brandt FERGUSON SABA TELEFUNKEN THOMSON

AUDIO 

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





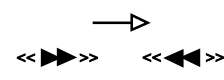
**THOMSON AM1180
AM1185**

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**

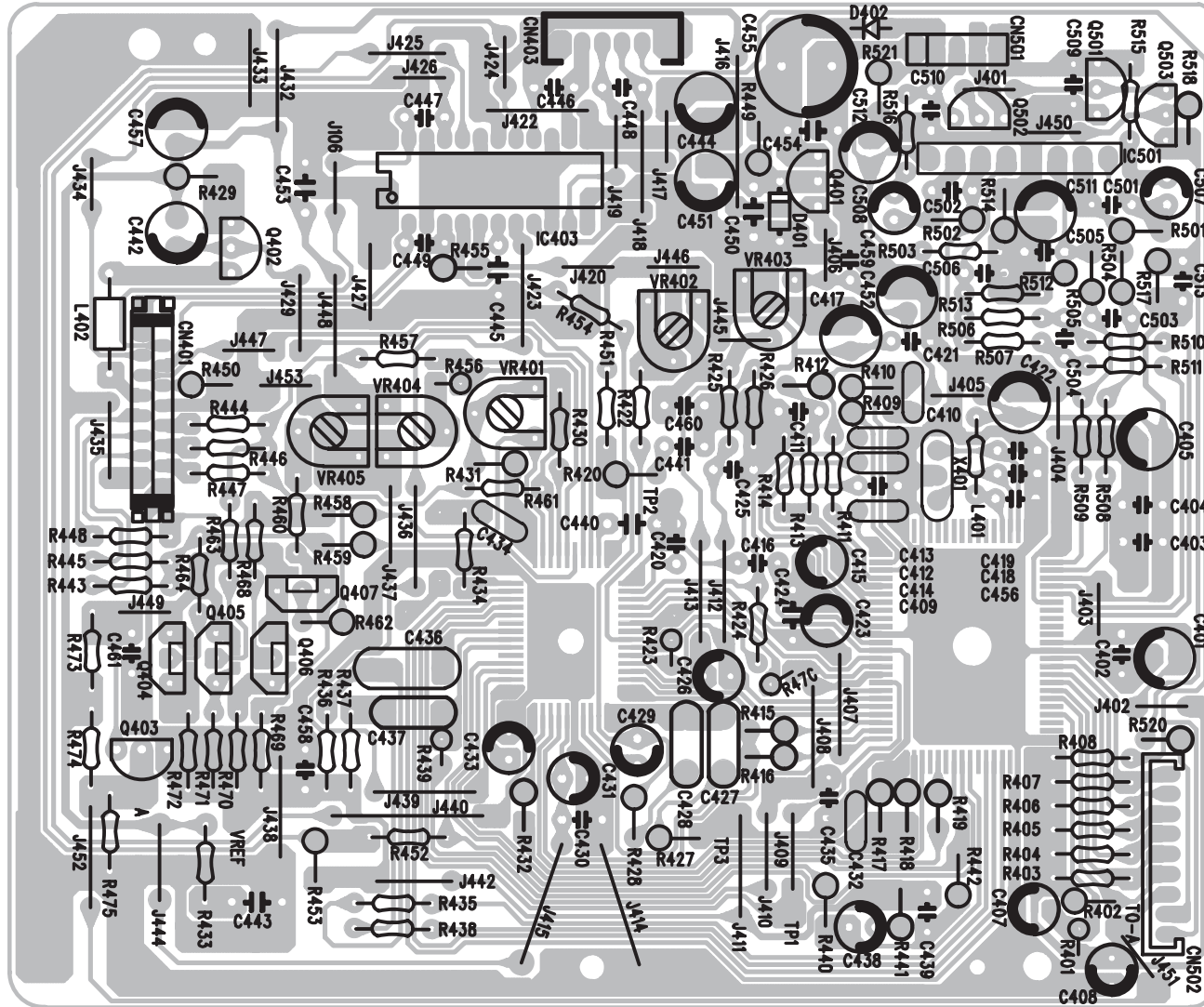
Type of set : Type d'appareil : Geräteart : Tipo d'apparecchio : Tipo de aparato :	Two-in-one horizontale, combination/DAD Ensemble compact stéréophonique/DAD DAD-2er Horizontal Kompaktanlage Compacto hifi/CD Equipo compacto estereofónico/DAD	 436 mm 236 mm 216 mm 5,8 kg	
Power supply : Allimentation : Stromversorgung : Allimentazione : Alimentación :	230 V ~	Nominal output power : Puissance nominale de sortie : Nennausgangsleistung : potenza nominale di uscita : Potencia nominal de salida :	2 x 5 W (Rms) 2 x 10 W (Music.)
 FM - MF : MW - PO : LW - GO :	87,5 - 108 MHz 522 - 1620 kHz 146 - 281 kHz	Sensitivity : Sensibilité : Empfindlichkeit : Sensibilità : Sensibilidad :	FM - MF : 20 µV (S/N = 30 dB) MW - PO : 2000 µV/m (S/N = 20 dB) LW - GO : 2000 µV/m (S/N = 20 dB)
 Frequency response : Courbe de réponse : Frequenzgang : Curva di risposta : Curva de respuesta :	125 Hz - 6,3 kHz (+3/-5 dB)	Signal to noise ratio : Rapport signal / bruit : Geräuschspannungsabstand : Rapporto segnale / disturbo : Relación señal / ruido :	40 dB
 Wow and flutter : Fluctuations : Gleichlauf : Fluttuazioni : Fluctuaciones :	0,35 %		4,75 cm/s C60 : 170 s
DAD Disc rotation speed : Vitesse de rotation du disque : CD-Drehgeschwindigkeit : Velocità di rotazione del disco : Velocidad de rotación del disco :	200 ⇒ 500 tr/m	Frequency response : Courbe de réponse : Frequenzgang : Curva di risposta : Curva de respuesta :	100 Hz - 16kHz (-4/+2 dB)
DAD Dynamic range : Gamme dynamique : Dynamikumfang : Dinamica : Dinámica :	60 dB	Signal to noise ratio : Rapport signal / bruit : Geräuschspannungsabstand : Rapporto segnale / disturbo : Relación señal / ruido :	54 dB



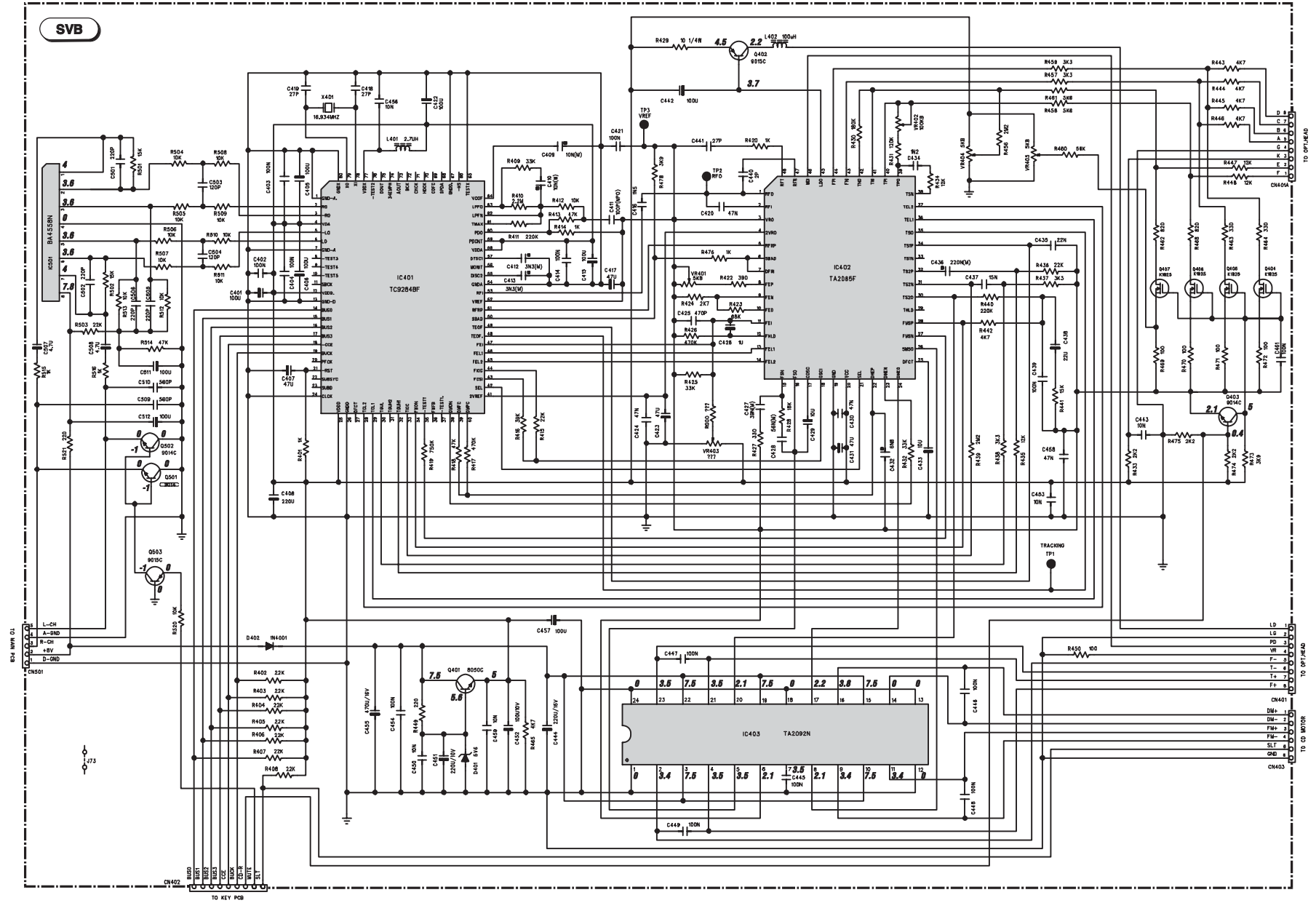
WARNING : Before servicing this chassis please read the safety recommendations.
ATTENTION : Avant toute intervention sur ce châssis, lire les recommandations de sécurité.
ACHTUNG : Vor jedem Eingriff auf diesem Chassis, die Sicherheitsvorschriften lesen.
ATTENZIONE : Prima di intervenire sullo chassis,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

Code : 352 153 30 - 0902 / 2,6M - CRKD2101 Print.

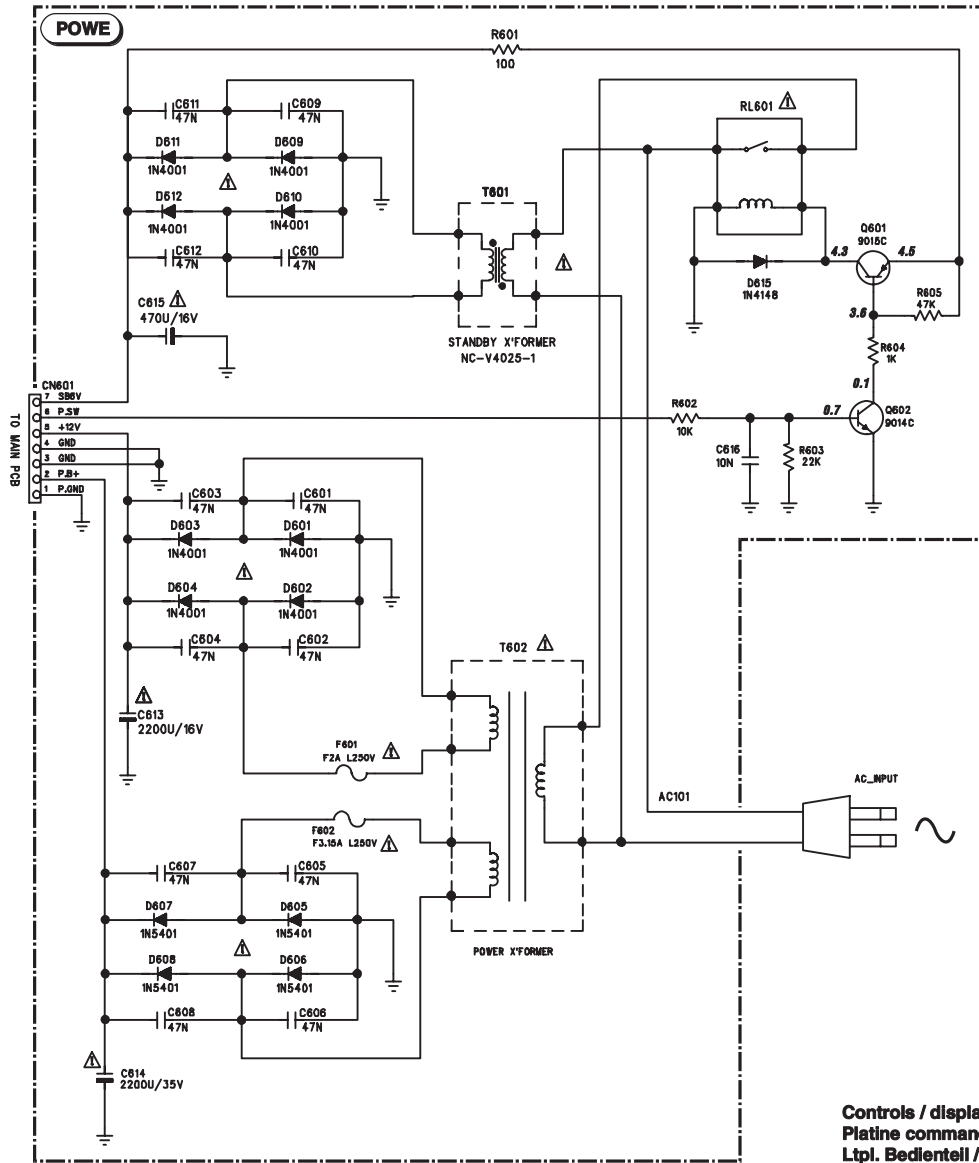
Digital processing P.C.B.
Platine traitement digital
Ltpl. Digitalverarbeitung
Piastra elaborazione digitale
Platina tratamiento digital



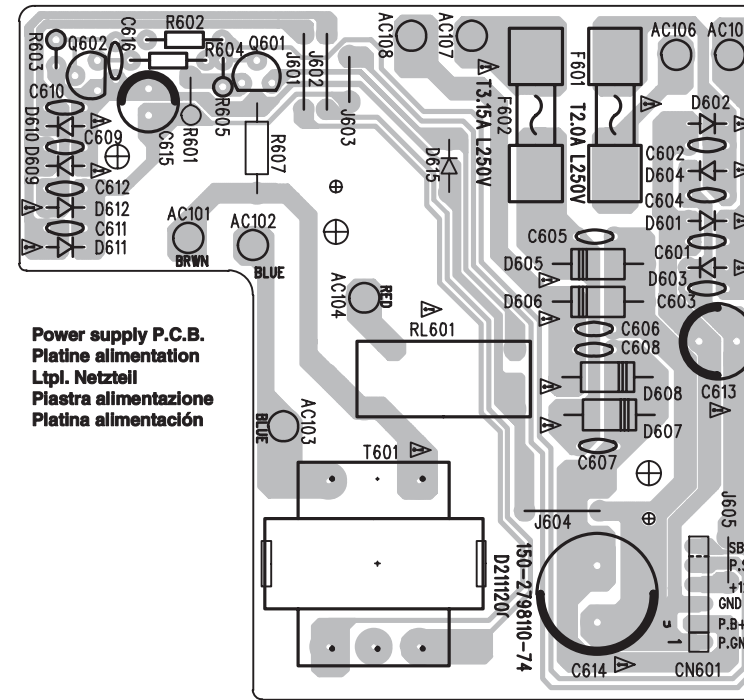
DIGITAL PROCESSING SCHEMATIC DIAGRAM - SCHEMA DU TRAITEMENT DIGITAL - SCHALTBILD DIGITALVERARBEITUNG - SCHEMA ELABORAZIONE DIGITALE - ESQUEMA DEL TRATAMIENTO DIGITAL



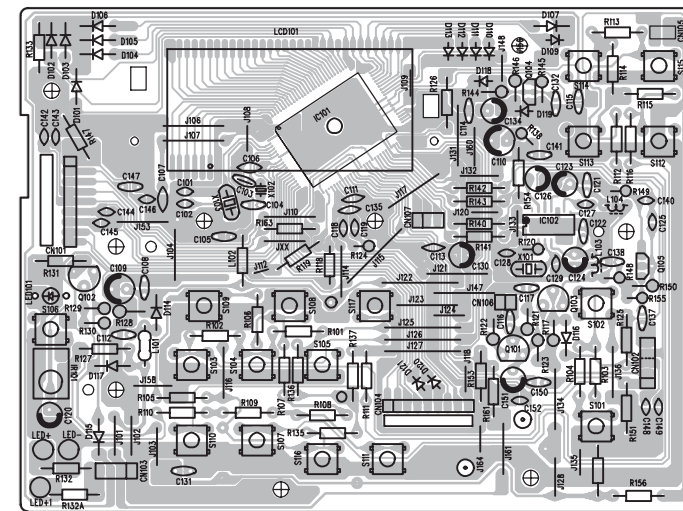
**POWER SUPPLY SCHEMATIC DIAGRAM - SCHEMA DE L'ALIMENTATION - SCHALTBILD
NETZTEIL - SCHEMA DELL'ALIMENTAZIONE - ESQUEMA DE LA ALIMENTACIÓN**



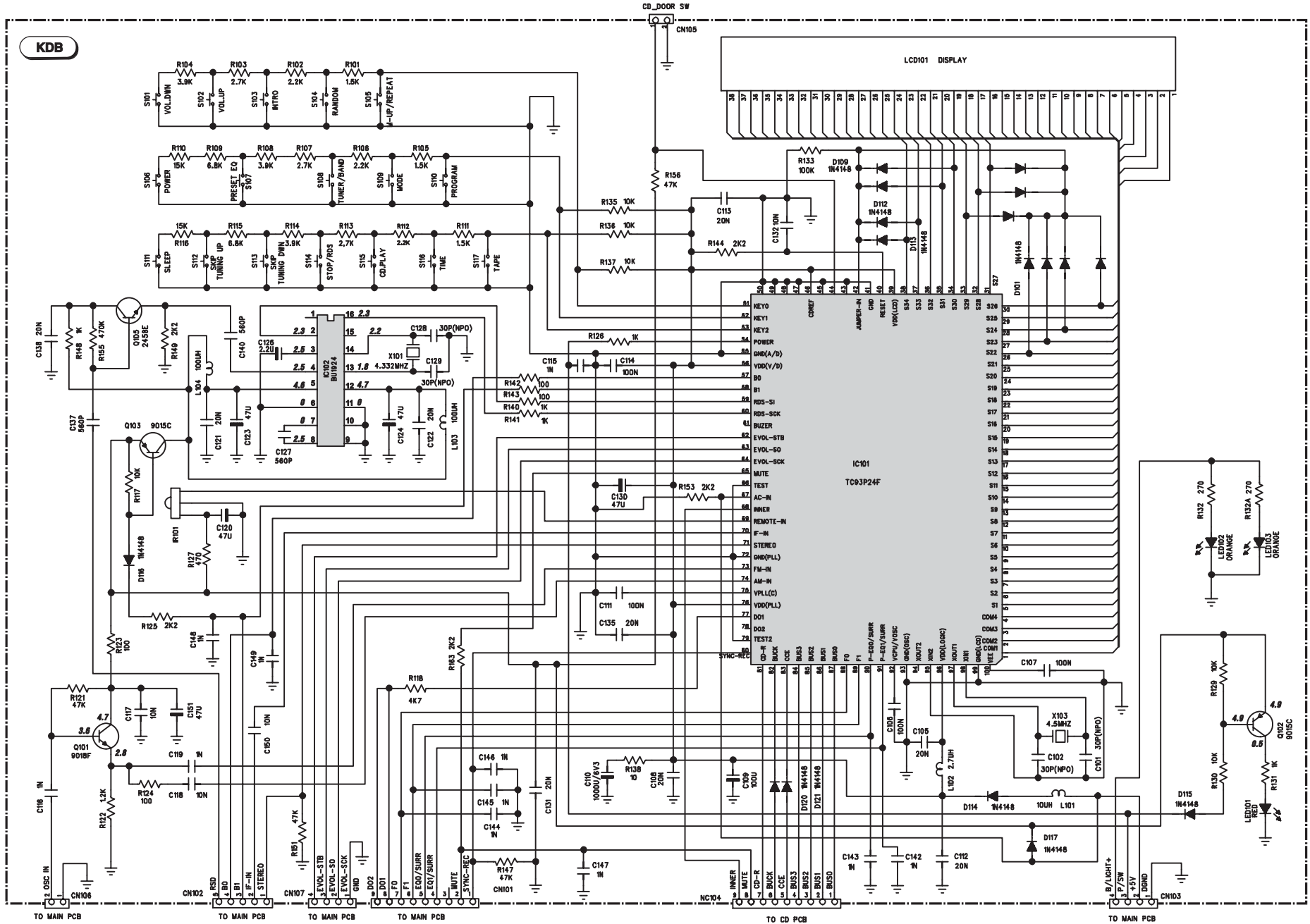
**Controls / display P.C.B.
Platine commandes / afficheurs
Ltpl. Bedientell / Anzeige
Piastro comandi / indicatori
Platina de mandos / indicadores**

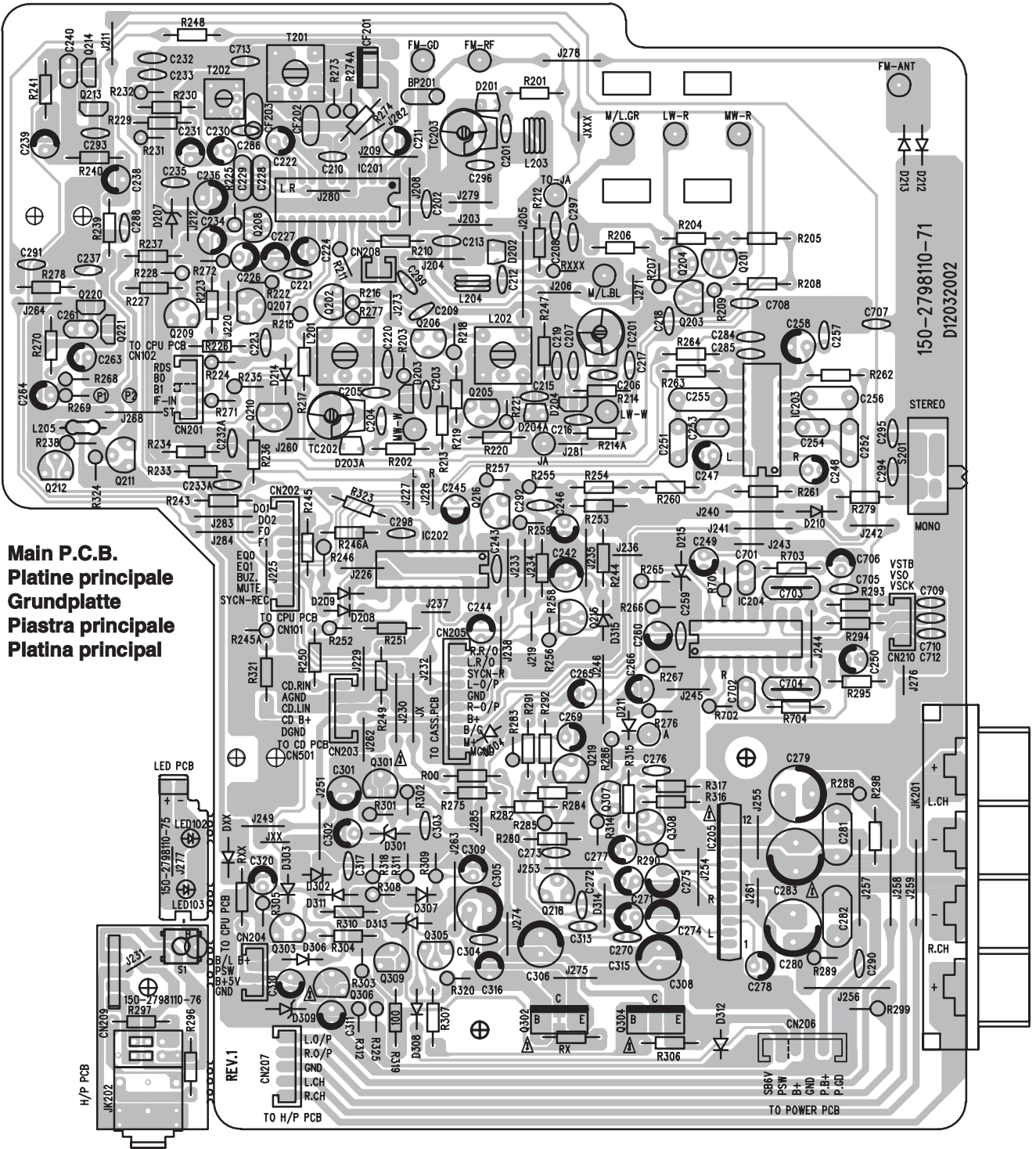


**Power supply P.C.B.
Platine alimentation
Ltpl. Netzteil
Piastro alimentazione
Platina alimentación**








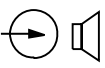











CONTROL / DISPLAY SCHEMATIC DIAGRAM - SCHEMA COMMANDES / AFFICHEUR - SCHALTBILD BEDIENTEIL / ANZEIGE - SCHEMA COMANDI / INDICATORE - ESQUEMA MANDOS / INDICADOR






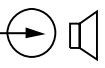





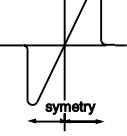







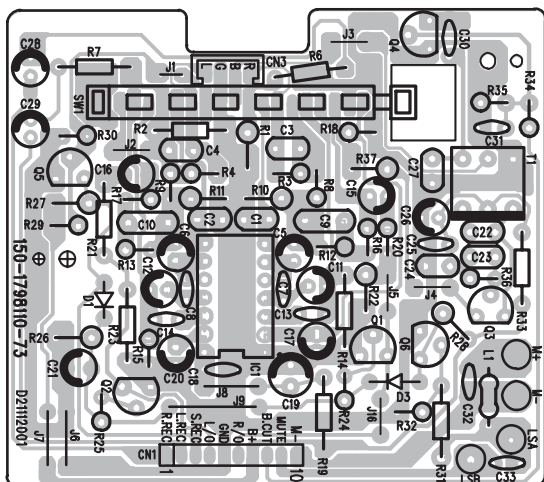


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Main P.C.B.
Platine principale
Grundplatte
Piastra principale
Platina principal

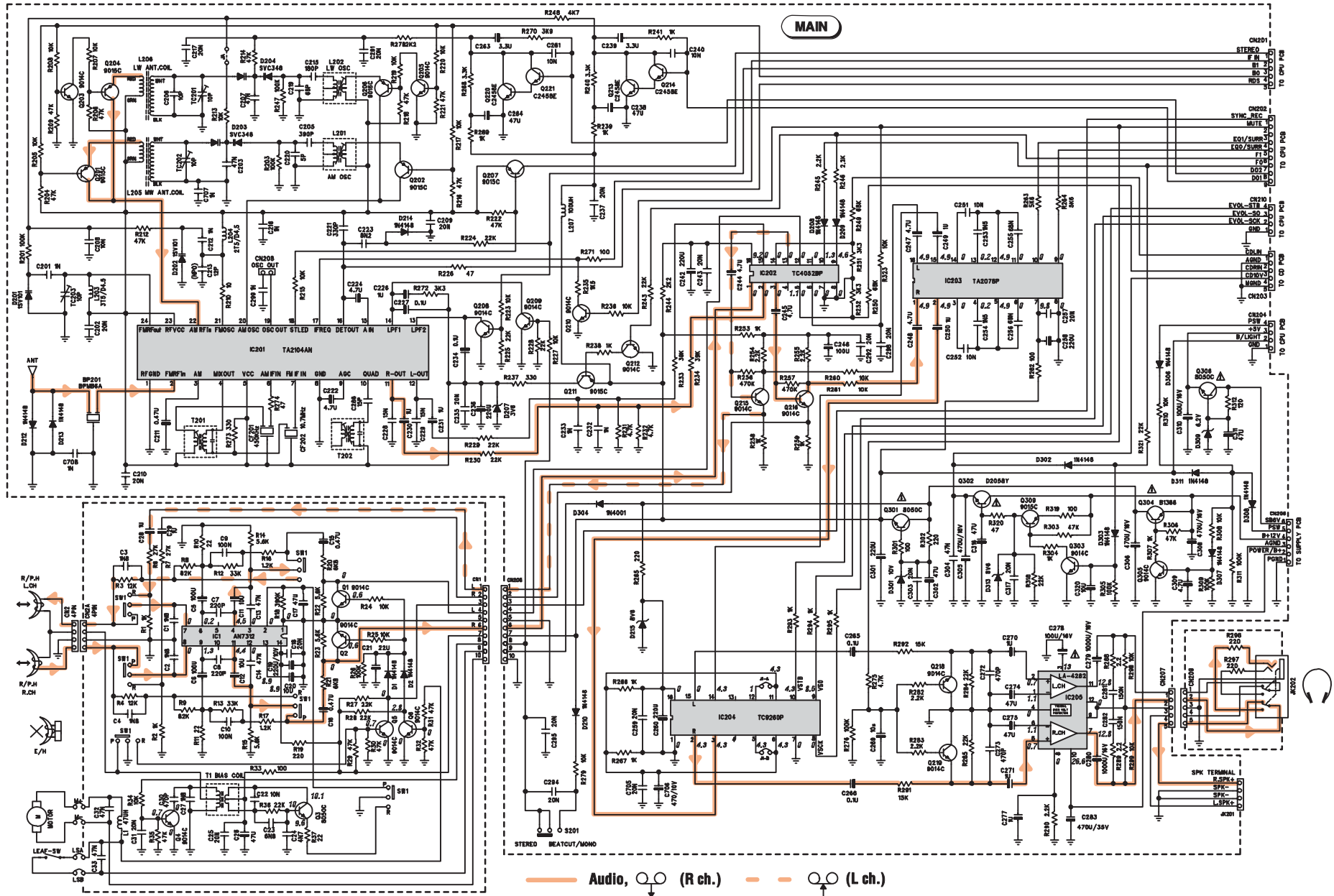
AM alignment						
		 	f		 	  
IF	1		450 kHz		T201	Max.
Osc	2	MW	522 kHz		L201	V = 1,4 V
	3		1620 kHz			
	4	LW	146 kHz		L202	V = 1,8 V
5	281 kHz					
MW	6	 	603 kHz	603 kHz	L205	Max.
	7		1404 kHz	1404 kHz	TC202	
LW	8	Ve = 1 mV	164 kHz	164 kHz	L206	Max.
	9		272 kHz	272 kHz	TC201	

FM alignment						
		 	f		 	  
IF	1	 Ve = 1 mV	10,7 MHz			Max.  symmetry
Osc	2	 Ve = 1 mV	87,5 MHz		L204	V = 2,0 V
	3		108 MHz			
RF	4	 Ve = 1 mV	90 MHz	90 MHz	L203	Max.
	5		106 MHz	106 MHz	TC203	

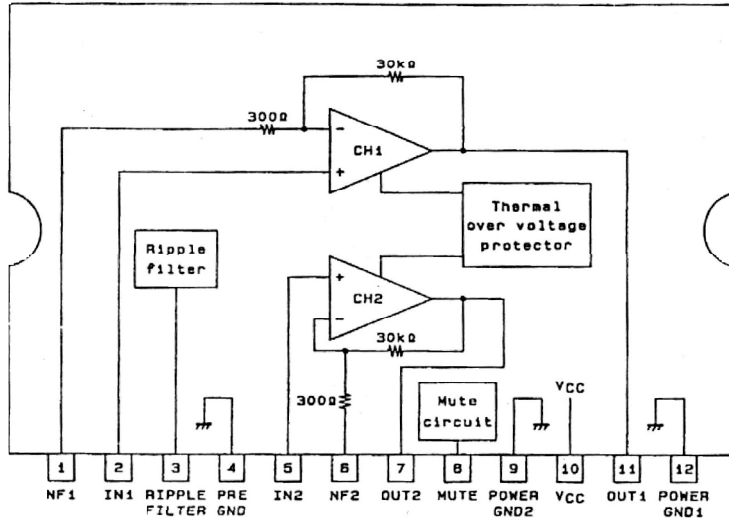


Playback / record P.C.B.
Platine enregistrement / lecture
Aufnahme / Wiedergabe Ltpl.
Piastra registrazione / riproduzione
Platina grabación / reproducción

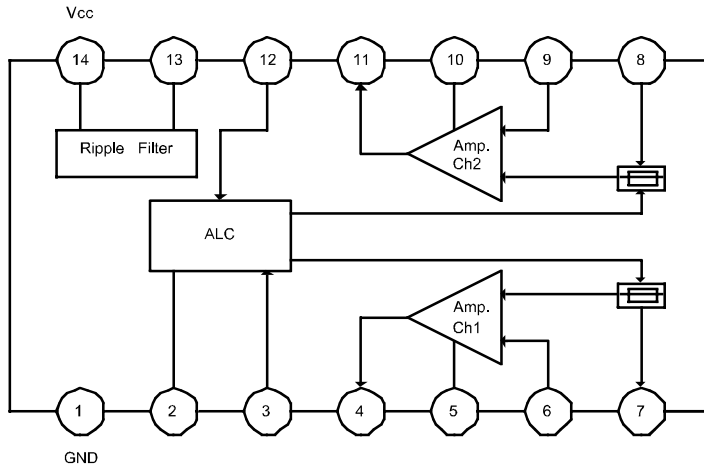
MAIN SCHEMATIC DIAGRAM - SCHEMA DE LA PLATINE PRINCIPALE - SCHALTBILD GRUNDPLATTE - SCHEMA DELLA PIASTRA PRINCIPALE- ESQUEMA DE LA PLATINA PRINCIPAL



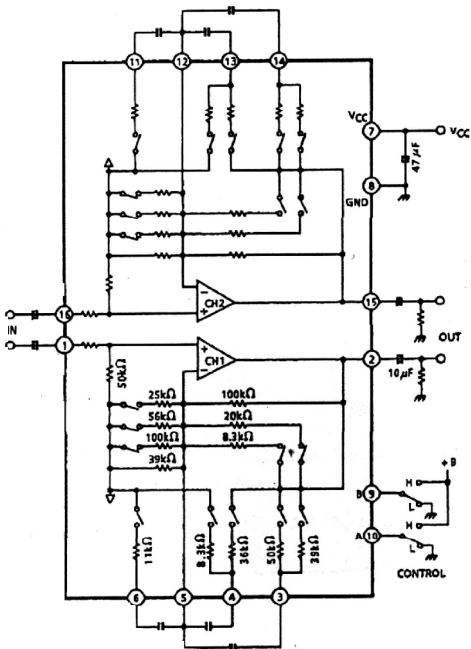
IC205 LA4282



IC1 AN7312



IC203 TA2078P



IC501 BA4558N

