

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

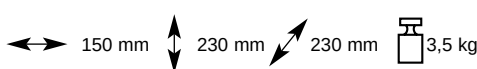
THOMSON **AM 1480
AM 1485**

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 : 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			
Power supply : Alimentation : Stromversorgung : 230 V ~ Alimentazione : Alimentación :		Nominal output power : Puissance nominale de sortie : Nennausgangsleistung : 2 x 12 W (Rms) potenza nominale di uscita : 2 x 30 W (Music.) Potencia nominal de salida :	
	FM - MF : 87,5 - 108 MHz MW - PO : 522 - 1620 kHz LW - GO : 150 - 283 kHz	Sensitivity : Sensibilité : FM - MF : 8 µV (S/N = 45 dB) Empfindlichkeit : MW - PO : 1000 µV/m (S/N = 20 dB) Sensibilità : LW - GO : 2500 µV/m (S/N = 30 dB) Sensibilidad :	
	Frequency response : Courbe de réponse : 125 Hz - 6,3 kHz Frequenzgang : (+5 / - 5 dB) Curva di risposta : Curva de respuesta :	Signal to noise ratio : Rapport signal / bruit : Geräuschspannungsabstand : 42 dB Rapporto segnale / disturbo : Relación señal / ruido :	
	Wow and flutter : Fluctuations : Gleichlauf : 0,35 % Fluttuazioni : Fluctuaciones :		
	Disc rotation speed : Vitesse de rotation du disque : CD-Drehgeschwindigkeit : 200 → 500 tr/m Velocità di rotazione del disco : Velocidad de rotación del disco :	Frequency response : Courbe de réponse : 100 Hz - 16kHz Frequenzgang : (-4/+2 dB) Curva di risposta : Curva de respuesta :	
DAD	Stereo separation : Diaphonie : Übersprechdämpfung : 45 dB Diafonia : Diafonia :	Signal to noise ratio : Rapport signal / bruit : Geräuschspannungsabstand : 54 dB Rapporto segnale / disturbo : Relación señal / ruido :	

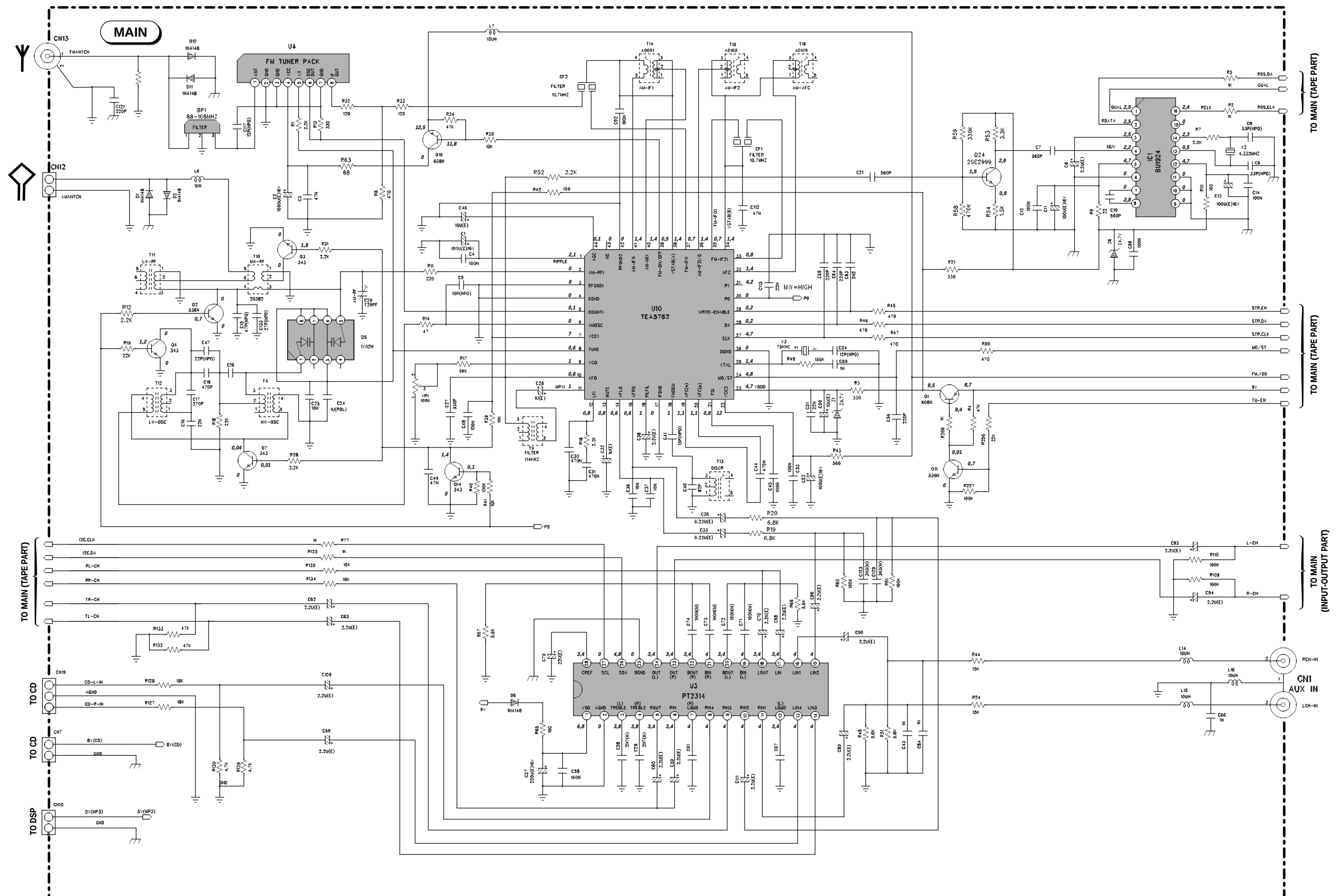


WARNING : Before servicing this chassis read the safety recommendations.
ATTENTION : Avant toute intervention sur ce châssis, lire les recommandations de sécurité.
ACHTUNG : Vor jedem Eingriff auf diesem Chassis, die Sicherheitsvorschriften lesen.
ATTENZIONE : Prima di intervenire sullo chassis, leggere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

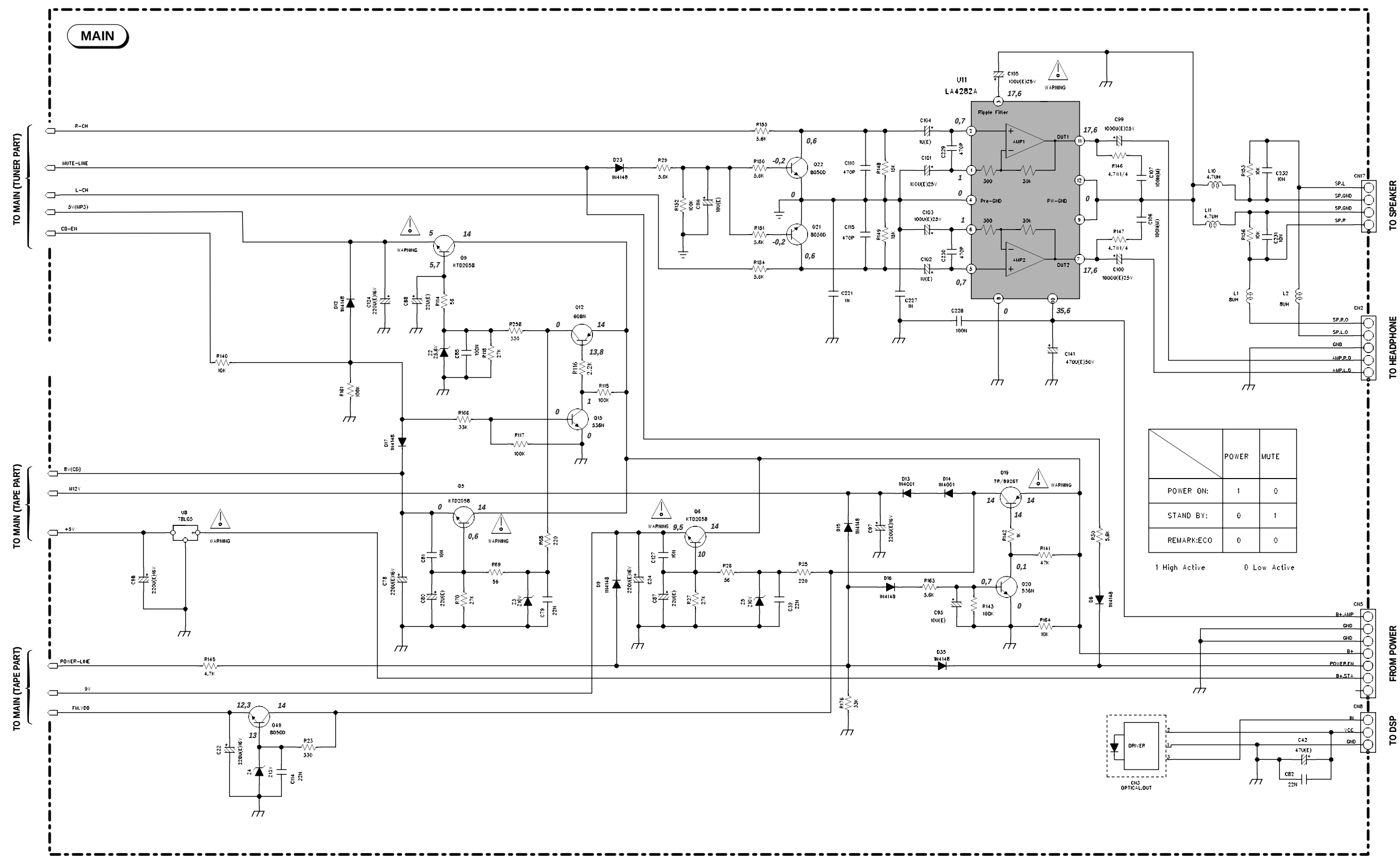
Code : 356 570 00 - 1002 / 3,7M - CRKD2103 Print.



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



MAIN SCHEMATIC DIAGRAM - SCHEMA DE LA PLATINE PRINCIPALE - SCHALTBILD GRUNDPLATTE - SCHEMA DELLA PIASTRA PRINCIPALE - ESQUEMA DE LA PLATINA PRINCIPAL (INPUT OUTPUT PART)



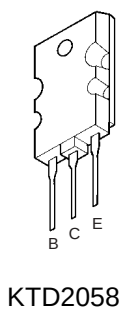
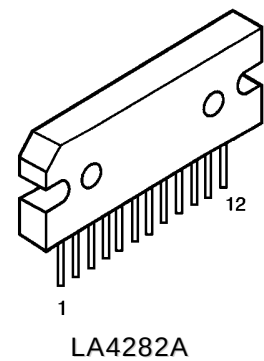
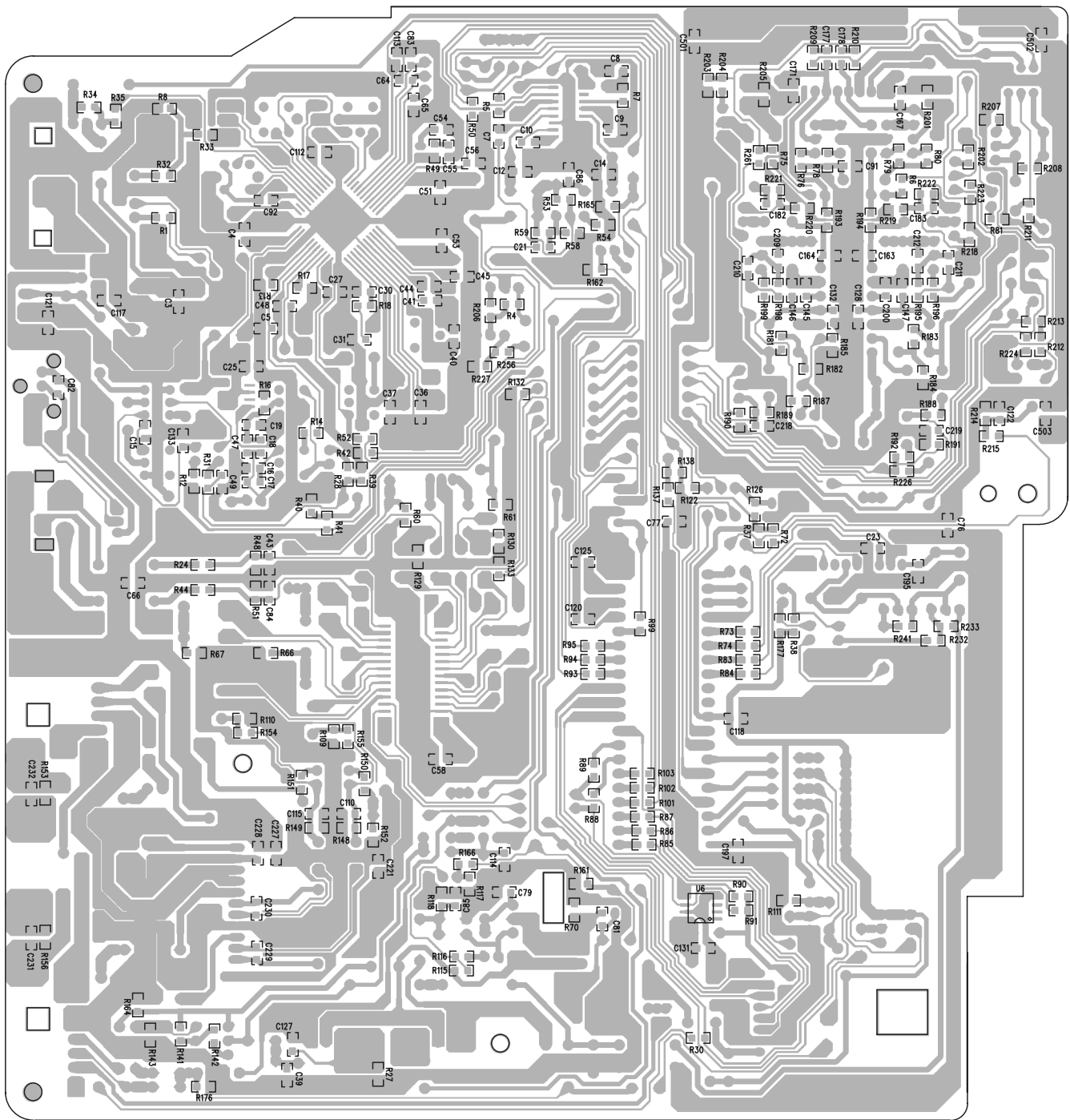
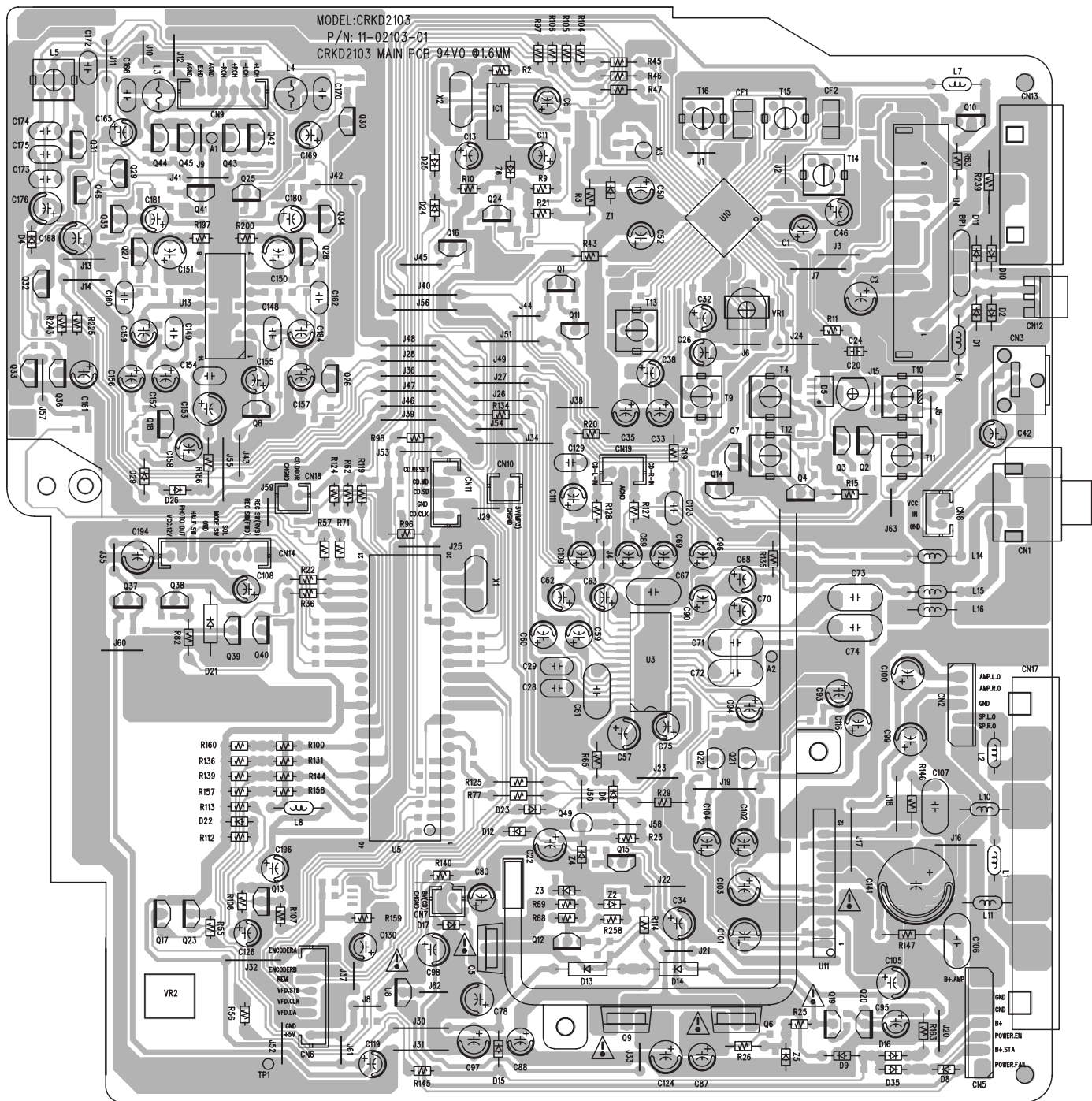
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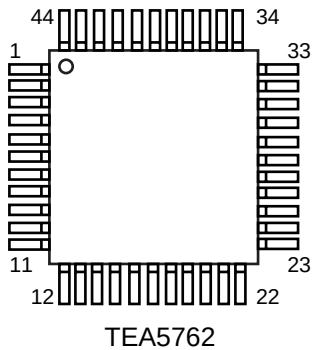
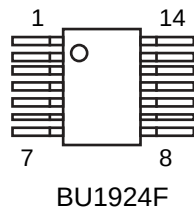
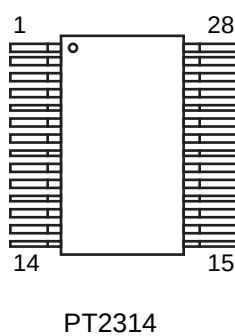
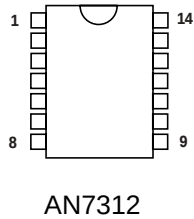
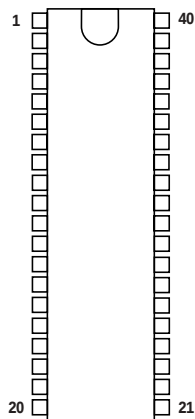
Main P.C.B.
Platine principale
Grundplatte
Piastra principale
Platina principal

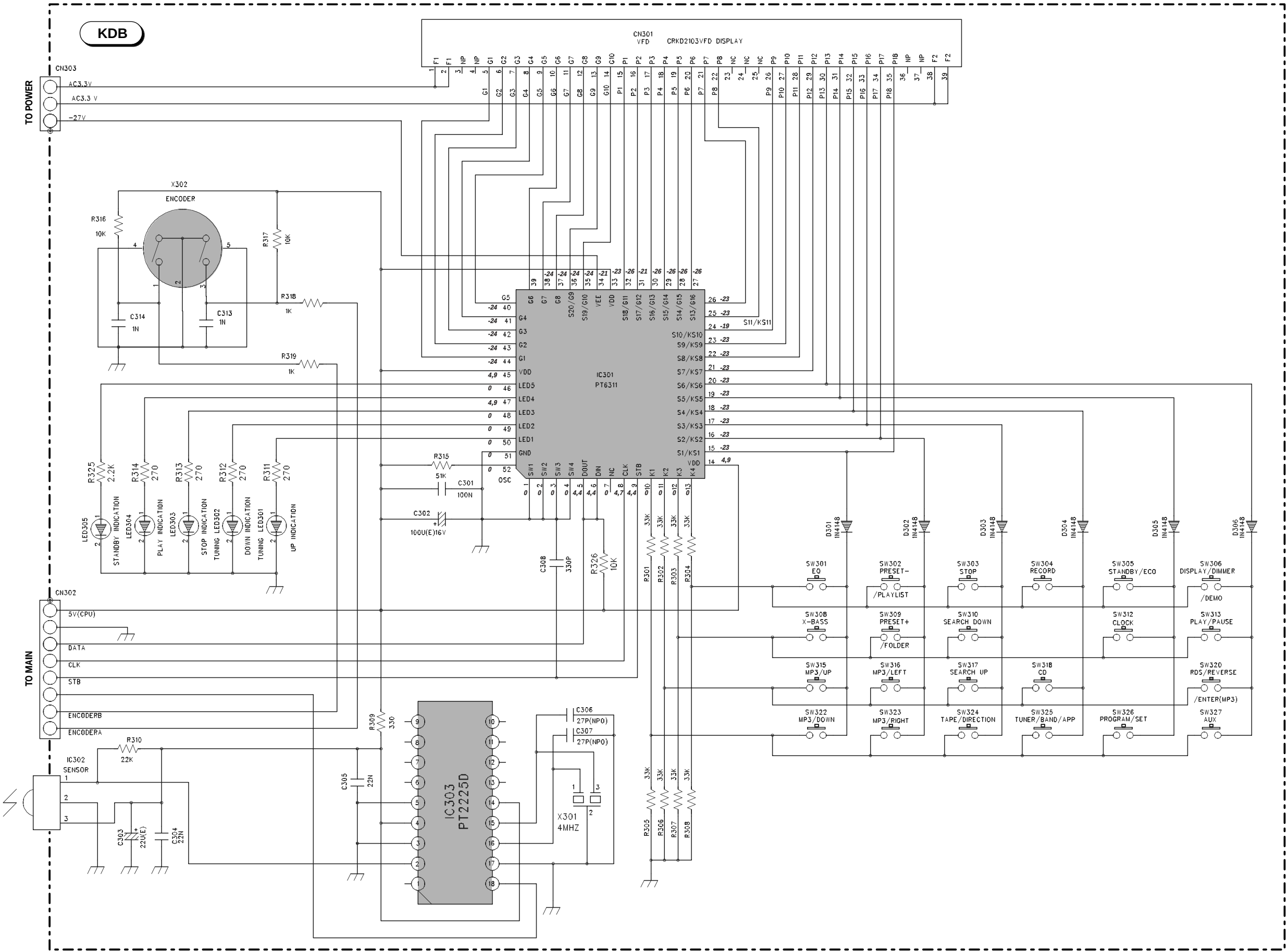
Component side
Côté composants
Bestückungsseite
Lato componenti
Lado componentes

Solder side
Côté soudure
Lötseite
Lato saldature
Lado del cobre

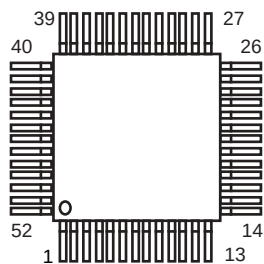
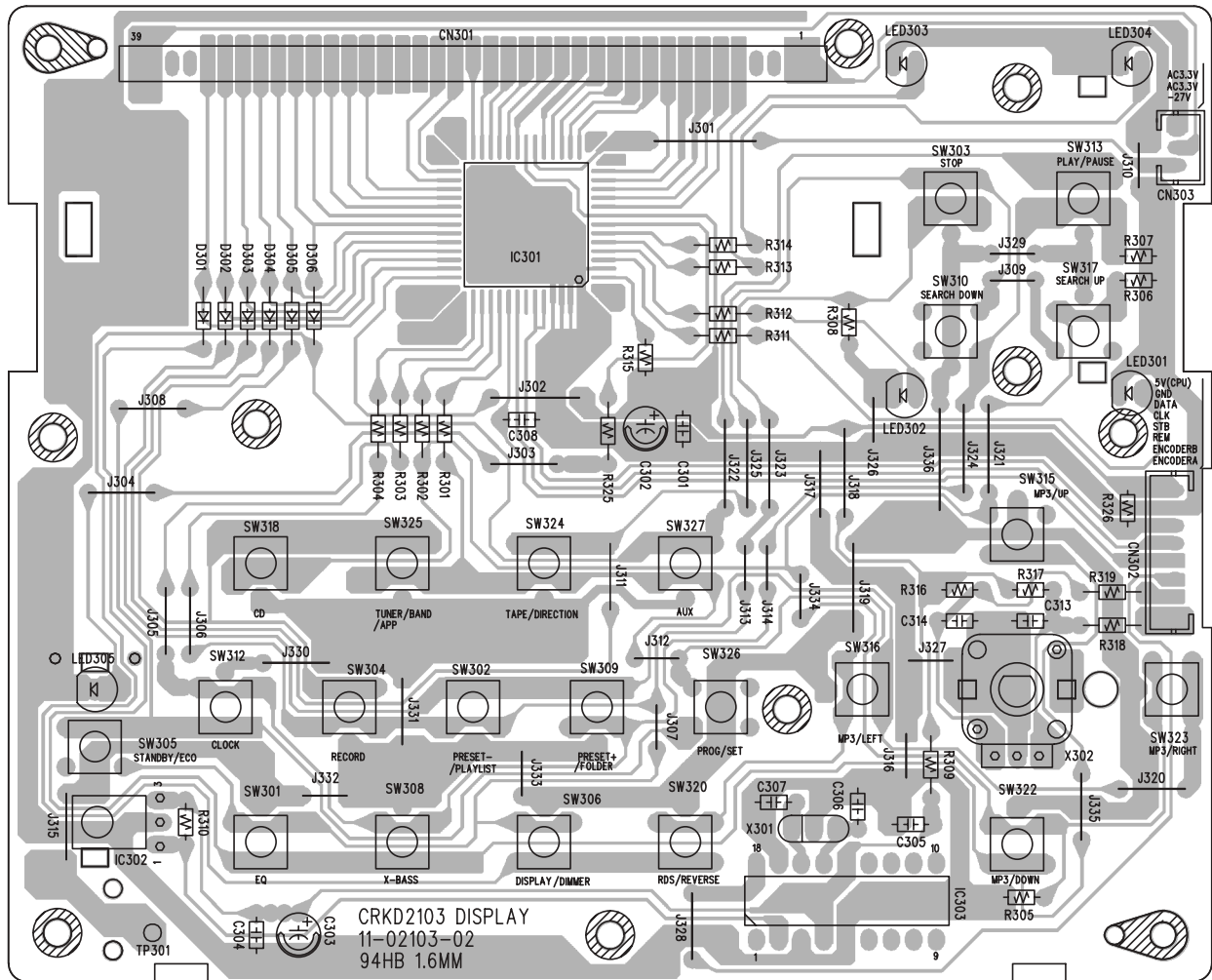


MX10FLC

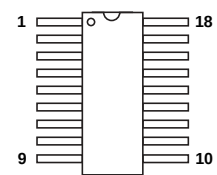




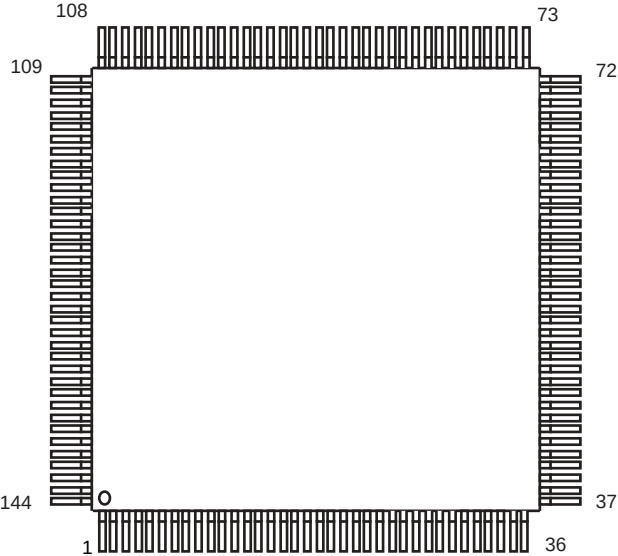
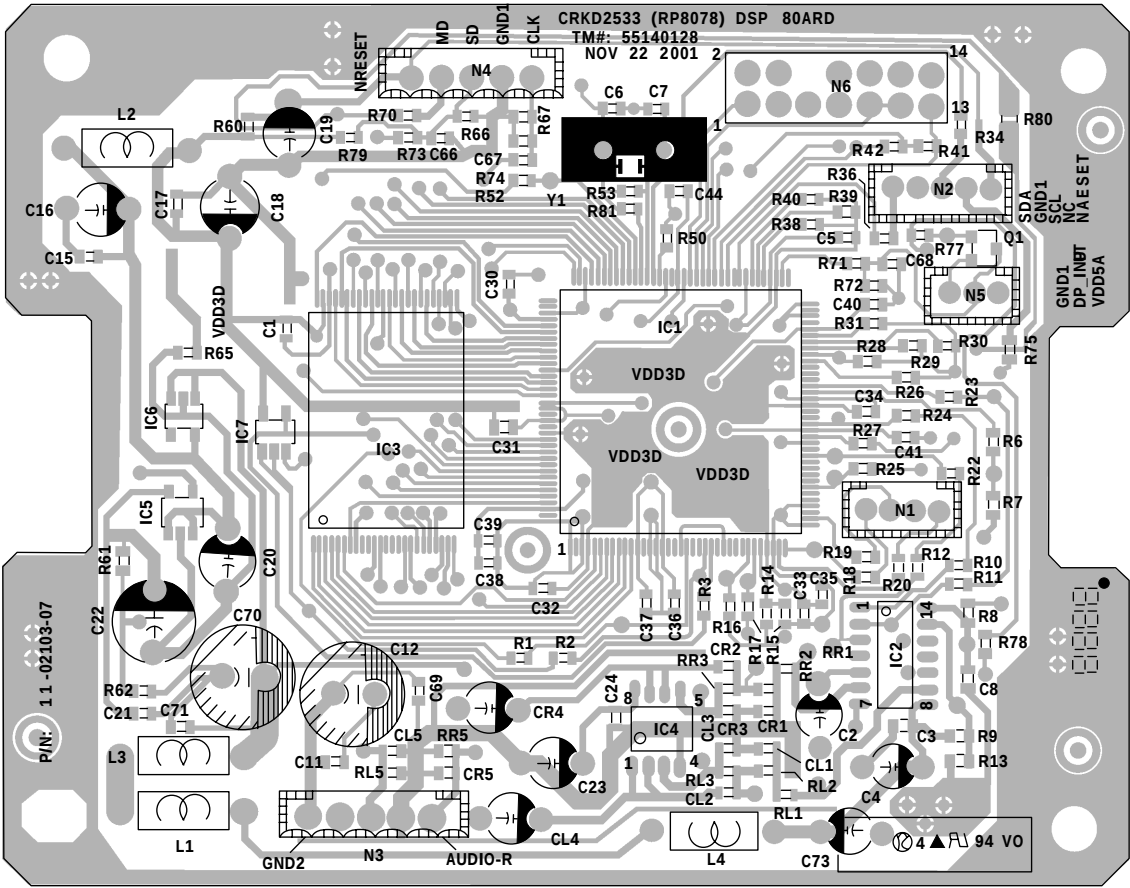
Controls / display P.C.B.
 Platine commandes / afficheurs
 Ltpl. Bedienteil / Anzeige
 Piastra comandi / indicatore
 Platina de mandos / indicadores



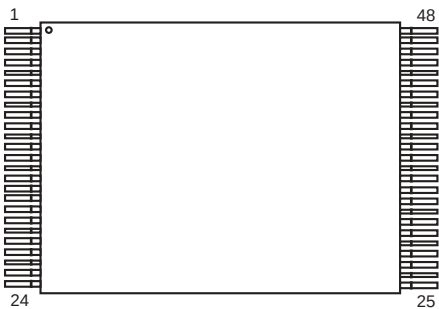
PT6311



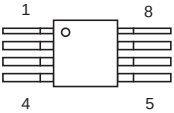
PT22250



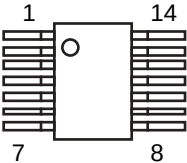
TMS 320VC5416



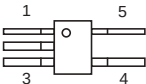
M29W800AT90N1



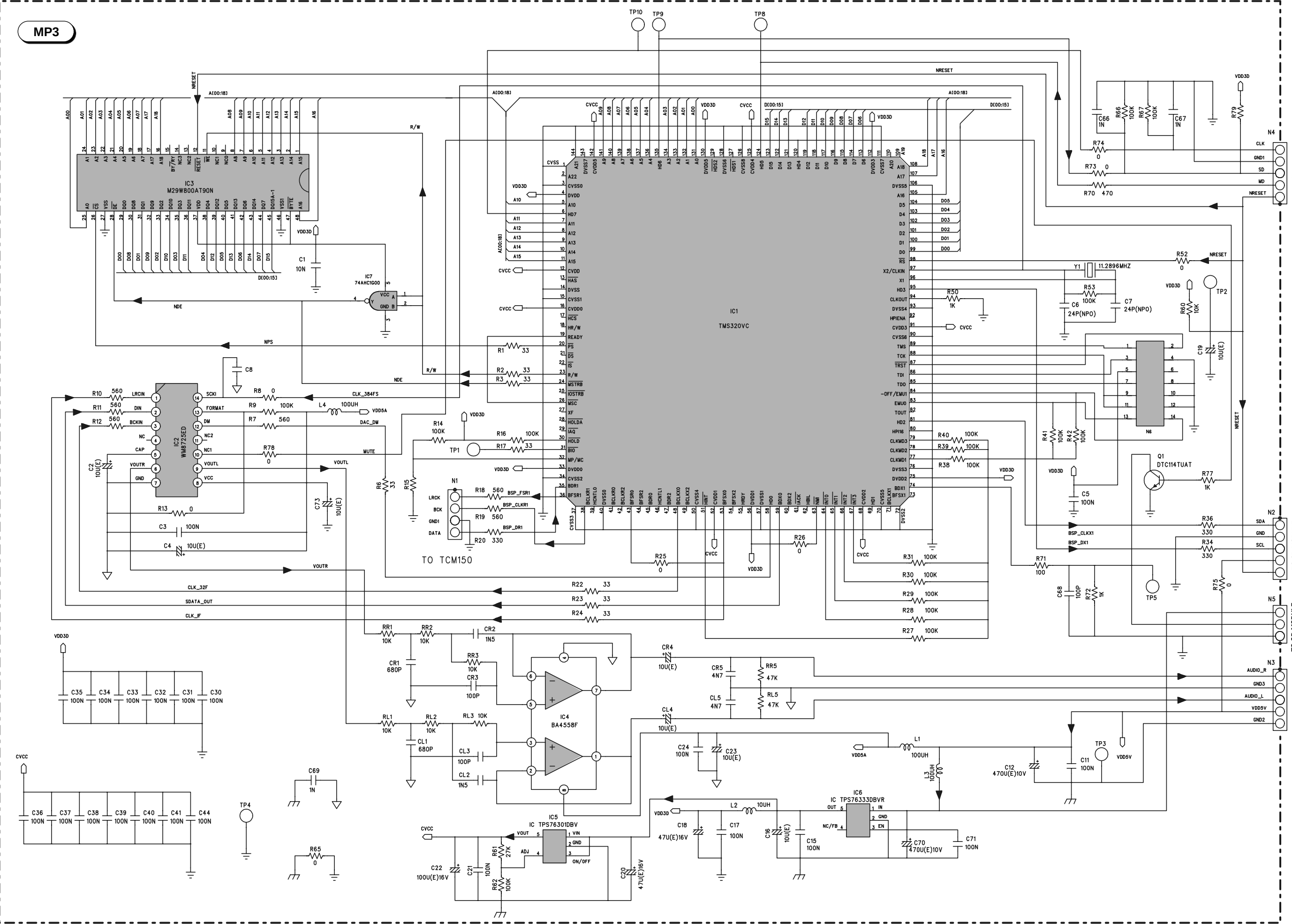
BA4558F



WM8725ED



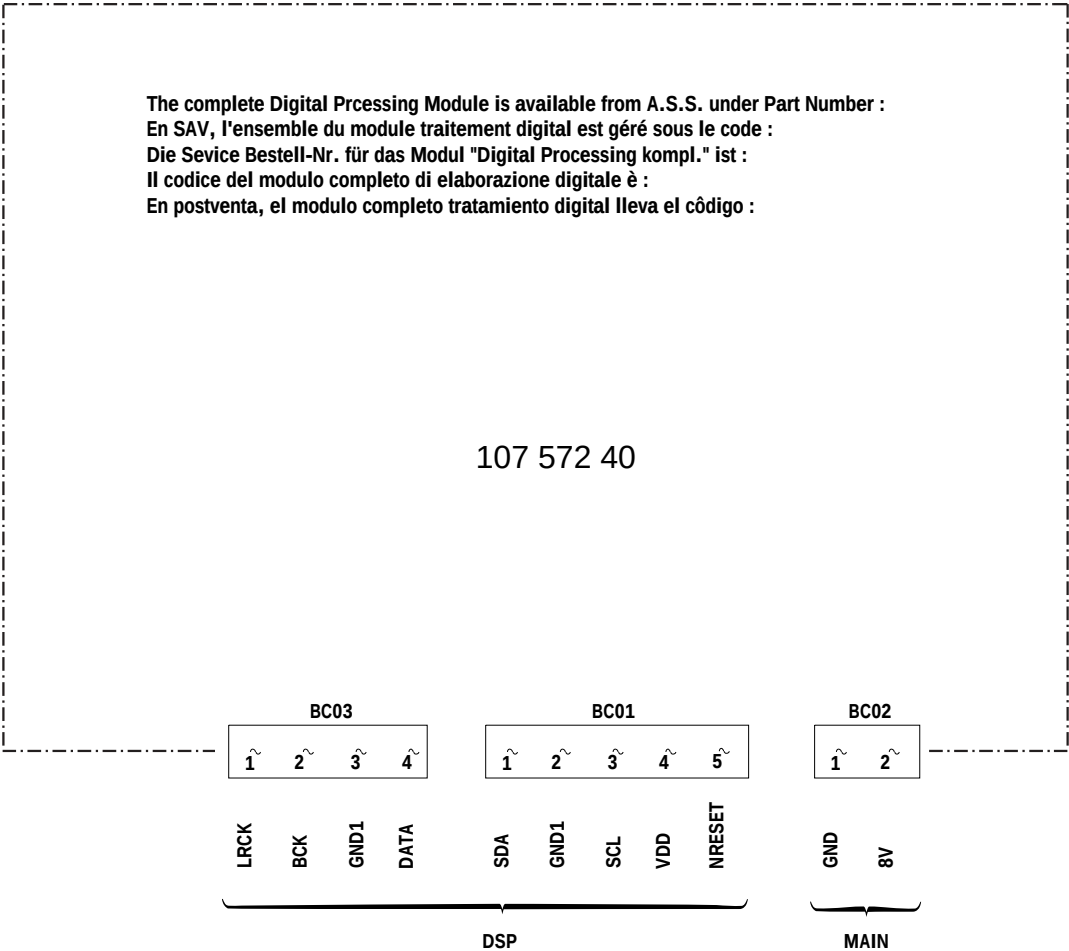
TPS 76331DBVR

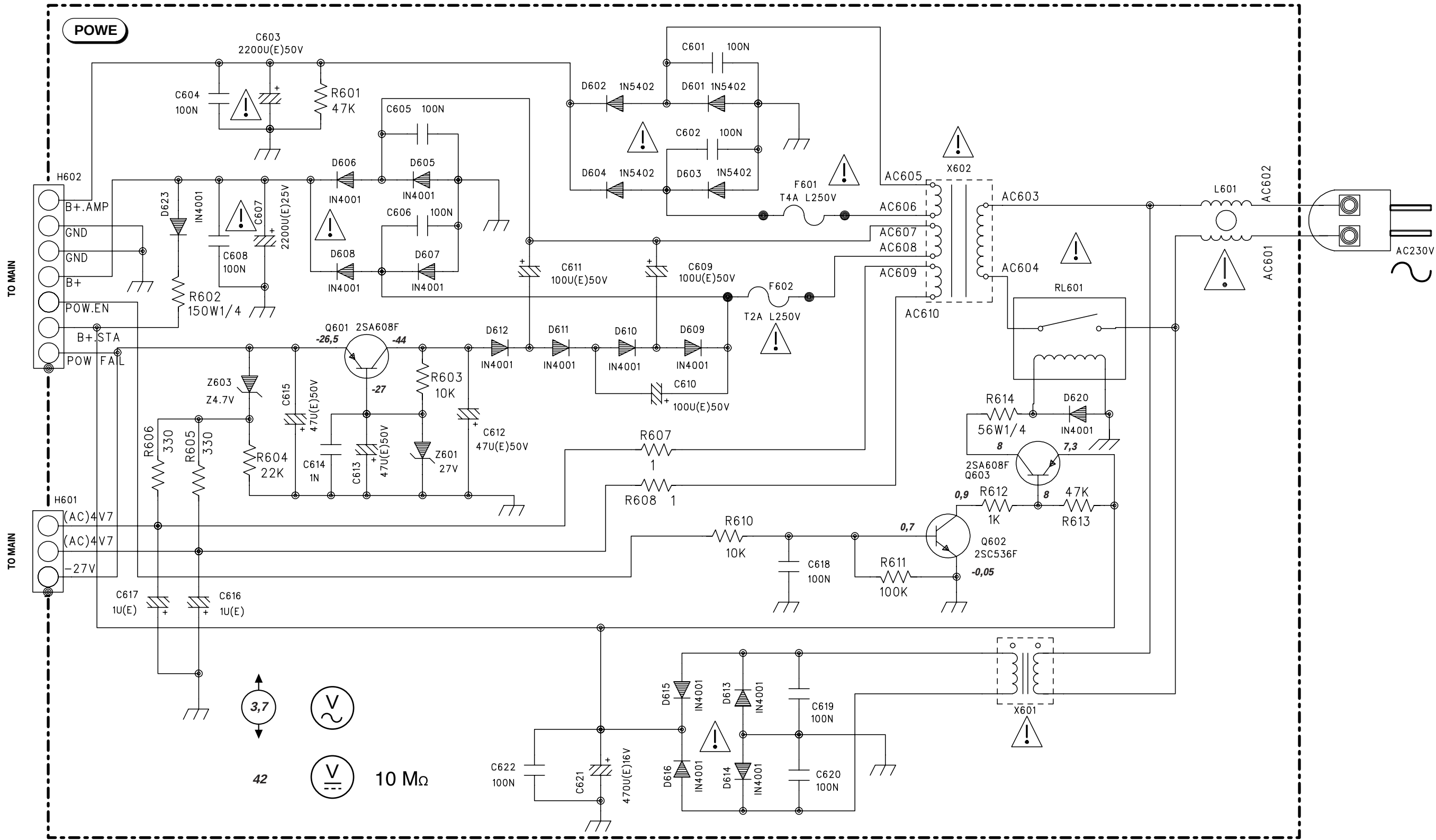


DIGITAL PROCESSING SCHEMATIC DIAGRAM - SCHEMA DU TRAITEMENT DIGITAL -
SCHALTBILD DIGITALVERARBEITUNG - SCHEMA ELABORAZIONE DIGITALE -
ESQUEMA DEL TRATAMIENTO DIGITAL

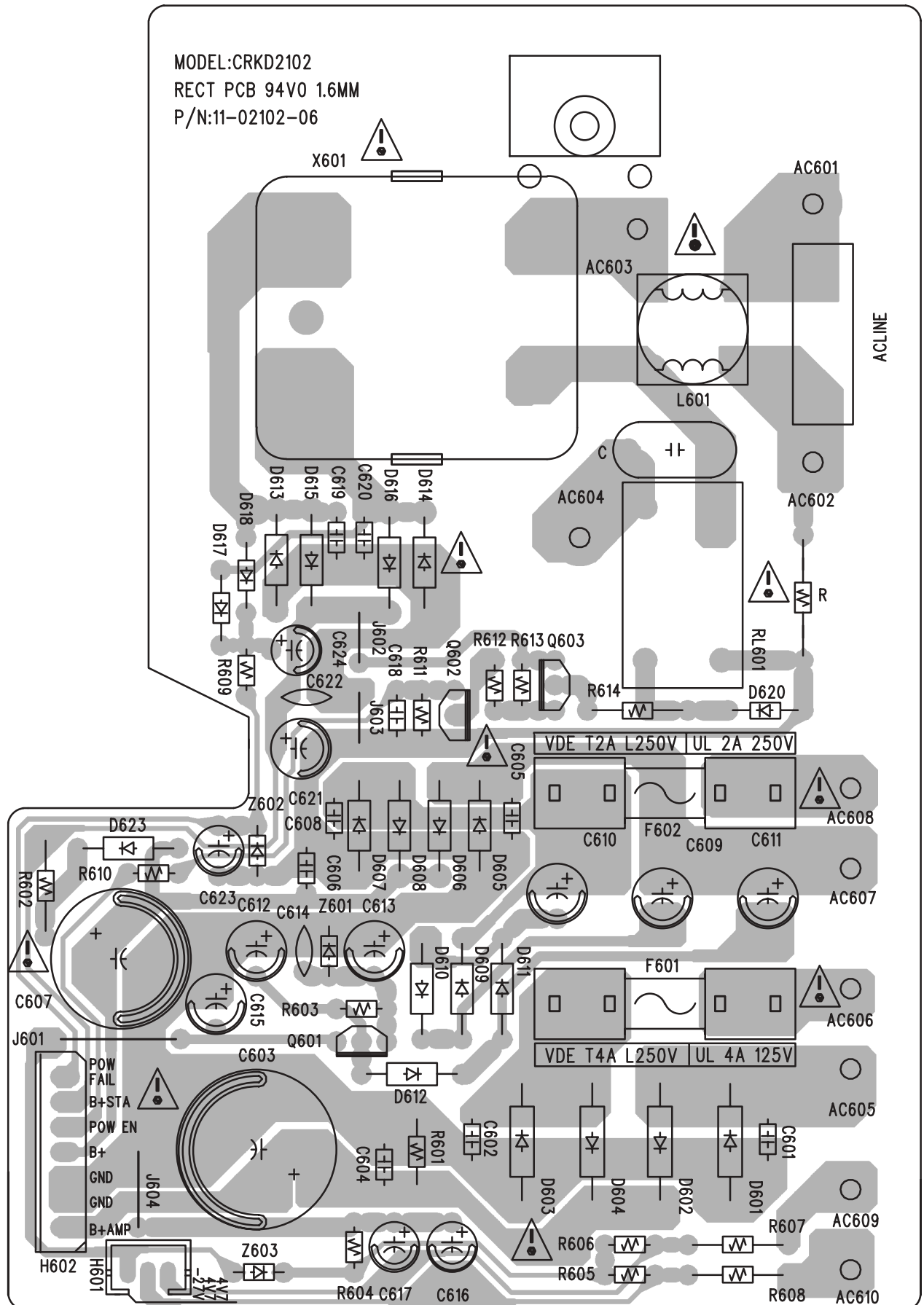
The complete Digital Prcessing Module is available from A.S.S. under Part Number :
En SAV, l'ensemble du module traitement digital est géré sous le code :
Die Service Bestell-Nr. für das Modul "Digital Processing kompl." ist :
Il codice del modulo completo di elaborazione digitale è :
En postventa, el modulo completo tratamiento digital lleva el código :

107 572 40



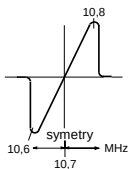


Power unit P.C.B.
 Platine secteur
 Ltpl. Netzanschluss
 Piastra di rete
 Platina de red



ADJUSTMENTS - REGLAGES - EINSTELLUNGEN - REGOLAZIONI - AJUSTES

AM alignment						
		  or TP	f		 	  
IF	1		450 kHz	450 kHz	T14 T15	 Maximum output
MW	2		522 kHz	522 kHz	T4	 Vt $V = 1,3V \pm 0,1V$
	3		1620 kHz	1620 kHz	T4	 Vt $7,5 < V < 8,5$
LW	4		150 kHz	150 kHz	T12	 Vt $V = 1,0V \pm 0,1V$
	5		283 kHz	283 kHz	T12	 Vt $5,6 < V < 6,6$
MW	6	 	603 kHz	603 kHz	T10	 Maximum output
	7	 	1404 kHz	1404 kHz	C20	 Maximum output
LW	8	 	164 kHz	164 kHz	T11	 Maximum output
	9	 	283 kHz	283 kHz	T12	 Maximum output

FM alignment						
		  or TP	f		 	  
IF	1		10.7 MHz	10.7 MHz	T13	Max. 
FM	2		87.5 MHz	87.5 MHz		 Vt $V = 1,6V \pm 0,1V$
	3		108.7 MHz	108.7 MHz		 Vt $V = 8V \pm 0,5V$

Decoder						
		 	f		 	  
	1	 	98,1 MHz	98,1 MHz	VR1	Separation maximum output