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AUDIO



SERVICE MANUAL DOCUMENTATION TECHNIQUE TECHNISCHE DOKUMENTATION DOCUMENTAZIONE TECNICA DOCUMENTACION TECNICA

CS600 / CS600B CS700 / CS700B / CS700U

Version (PC*): A / B

*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

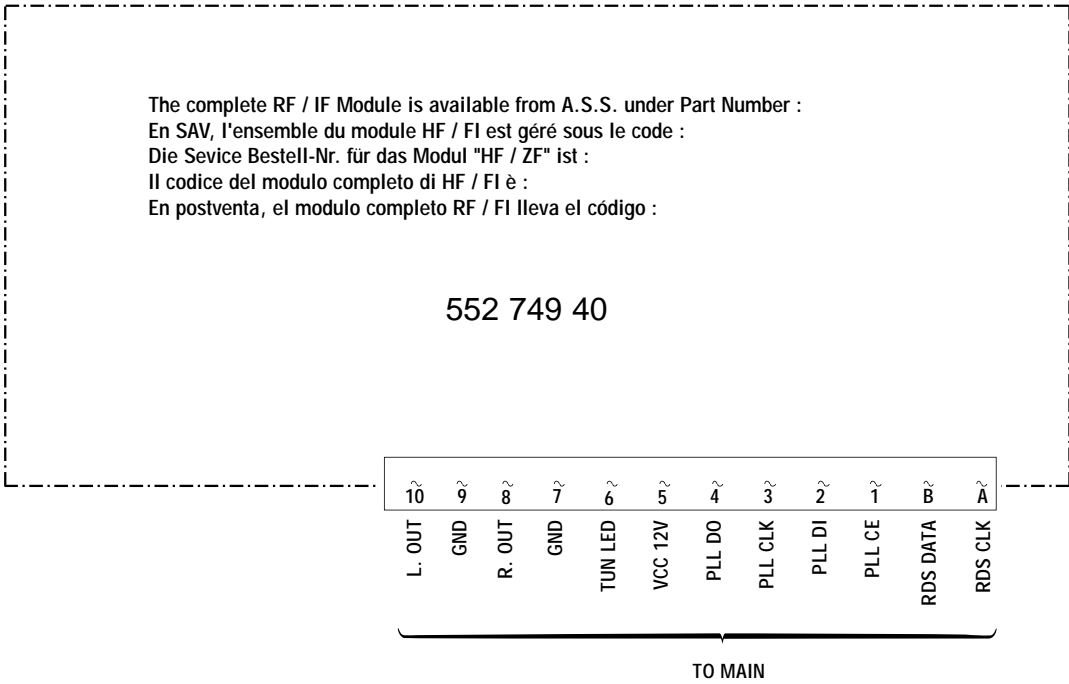
Type of set: Type d'appareil: Geräteart: Tipo d'apparecchio: Tipo de aparato:	Two-in-one horizontale combination/DAD Ensemble compact stéréophonique DAD-2er Horizontal Kompaktanlage Compatto Hifi/CD Equipo compacto estereofónico/DAD	
Power supply: Alimentation: Stromversorgung: Alimentazione: Alimentación:	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 - 1611 kHz 150 - 283 kHz	Sensitivity: Sensibilité: Empfindlichkeit: Sensibilità: Sensibilidad:
Disc rotation speed: Vitesse de rotation du disque: CD-Drehgeschwindigkeit: Velocità di rotazione del disco: Velocidad de rotación del disco:	200 → 500 tr/mn	Frequency response: Courbe de réponse: Frequenzgang: Curva di risposta: Curva de respuesta:
DAD Stereo separation : Diaphonie : Übersprechdämpfung : Diafonia : Diafonia :	40 dB	Signal to noise ratio: Rapport signal / bruit: Geräuschspannungabstand: Rapporto segnale / disturbo: Relación señal / ruido:



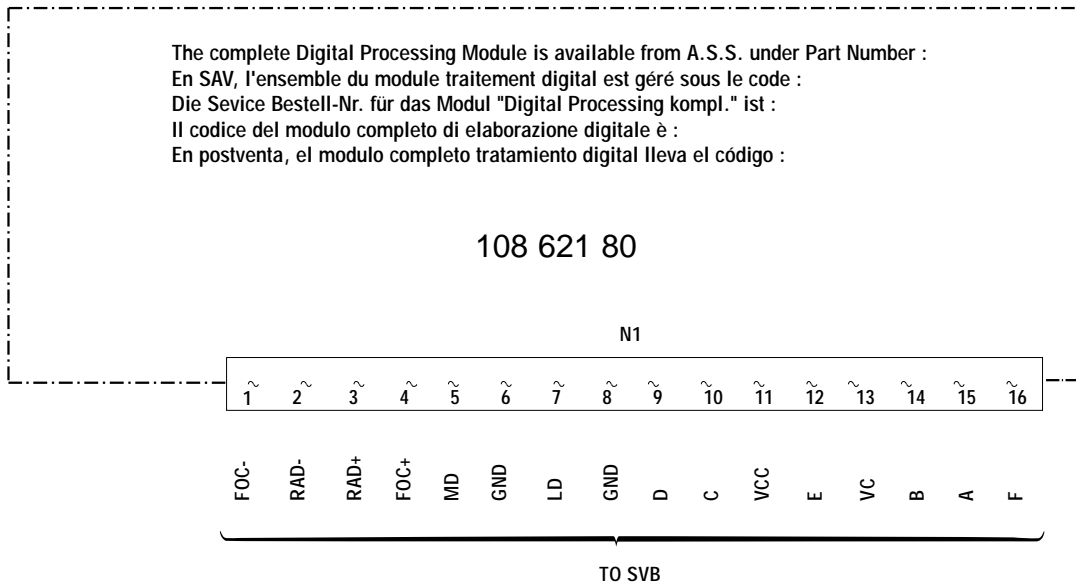
WARNING : Before servicing this chassis read the safety recommendations.
ATTENTION : Avant toute intervention sur ce châssis, lire les recommandations de sécurité.
ACHTUNG : Vor jedem Eingriff auf diesem Chassis, die Sicherheitsvorschriften lesen.
ATTENZIONE : Prima di intervenire sullo chassis, leggere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

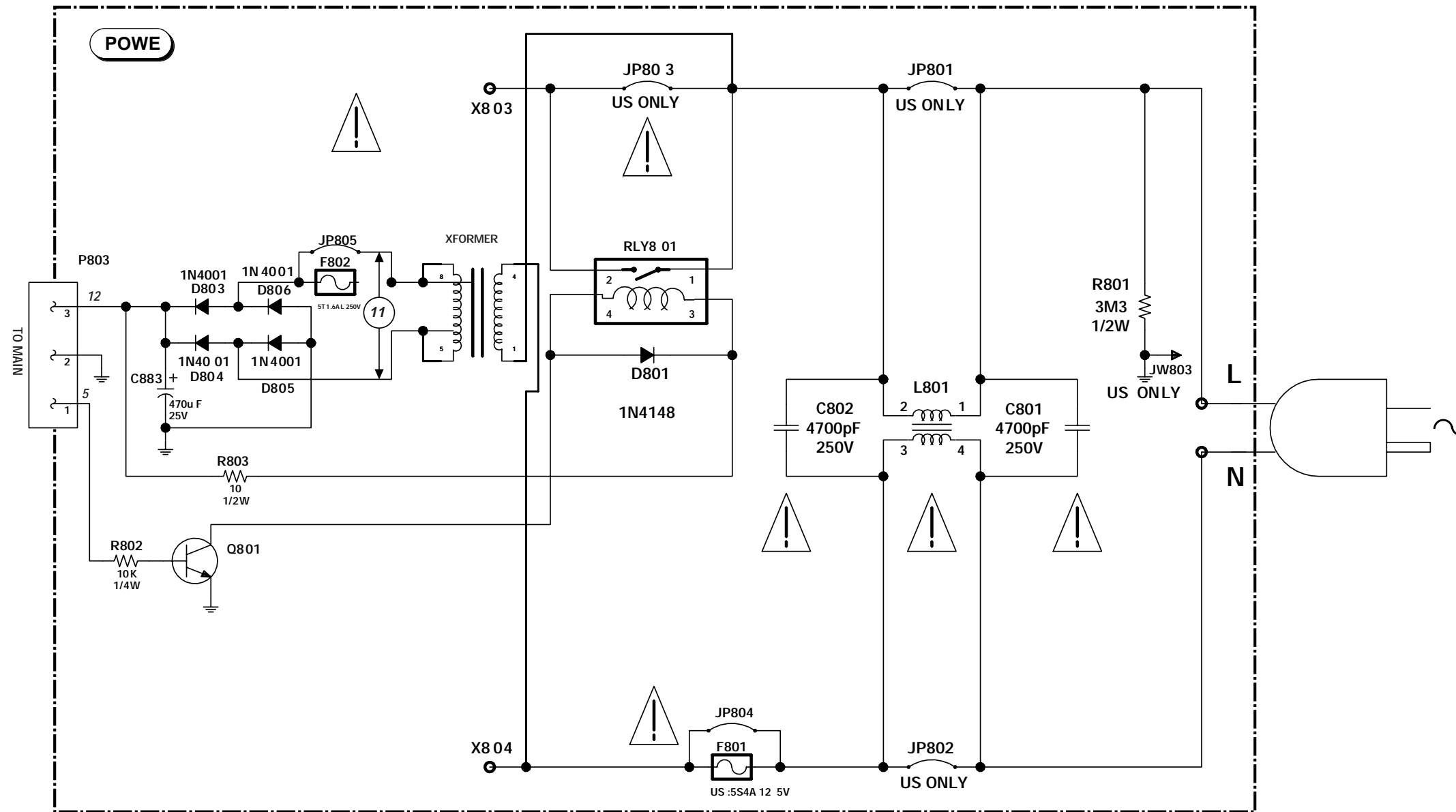
0805 - CRKD2154 - CRKD2155

**RF / IF SCHEMATIC DIAGRAM - SCHEMA HF / FI - SCHALTBILD HF / ZF
SCHEMA HF / FI - ESQUEMA RF / FI**

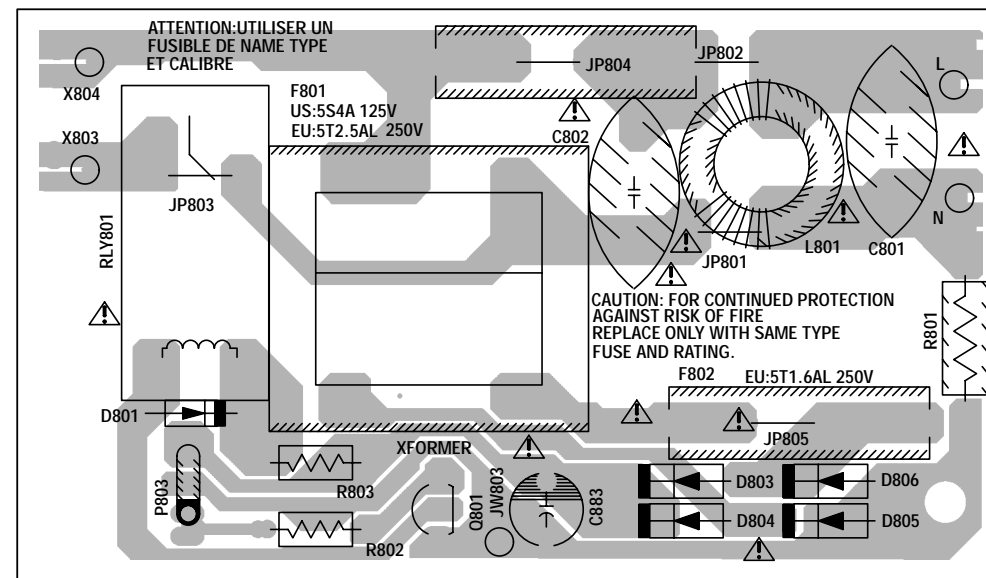


**DIGITAL PROCESSING SCHEMATIC DIAGRAM - SCHEMA DU TRAITEMENT DIGITAL -
SCHALTBILD DIGITALVERARBEITUNG - SCHEMA ELABORAZIONE DIGITALE
ESQUEMA DEL TRATAMIENTO DIGITAL**





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

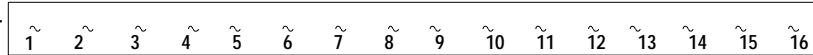


**DIGITAL PROCESSING SCHEMATIC DIAGRAM - SCHEMA DU TRAITEMENT DIGITAL
 SCHALTBILD DIGITALVERARBEITUNG - SCHEMA ELABORAZIONE DIGITALE
 ESQUEMA DEL TRATAMIENTO DIGITAL**

The complete Digital Processing 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 :

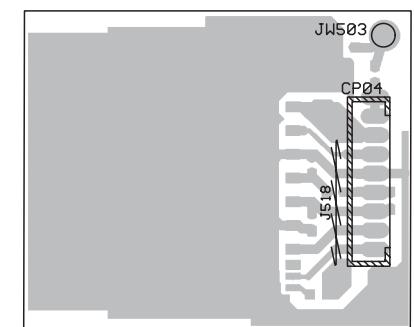
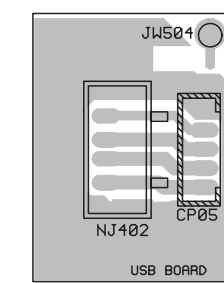
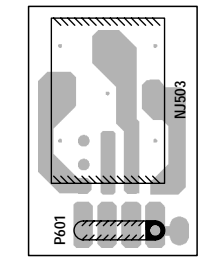
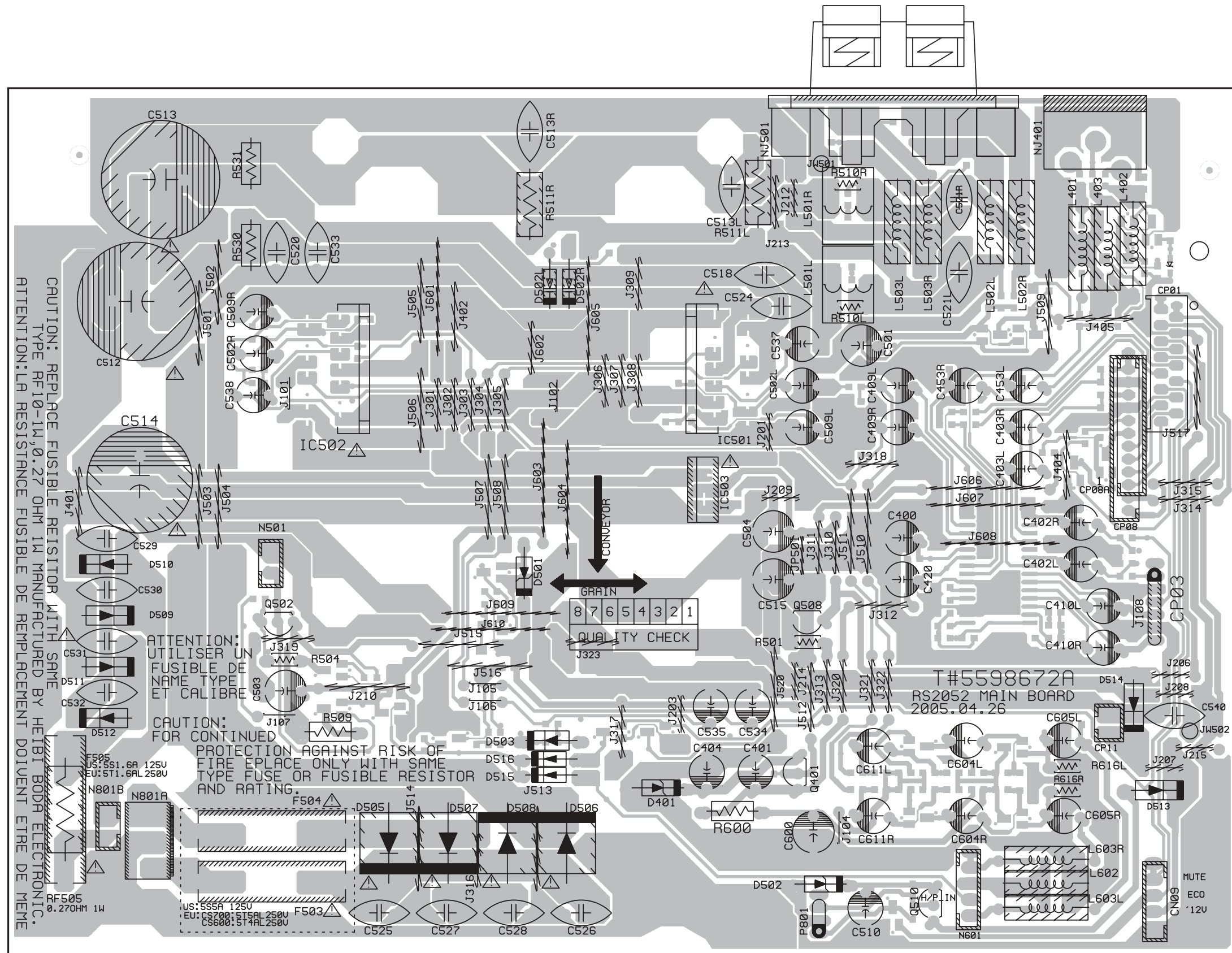
108 621 80

N1



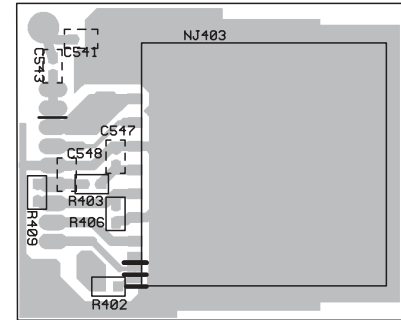
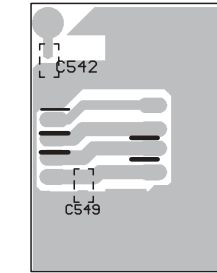
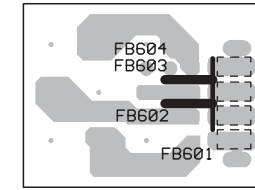
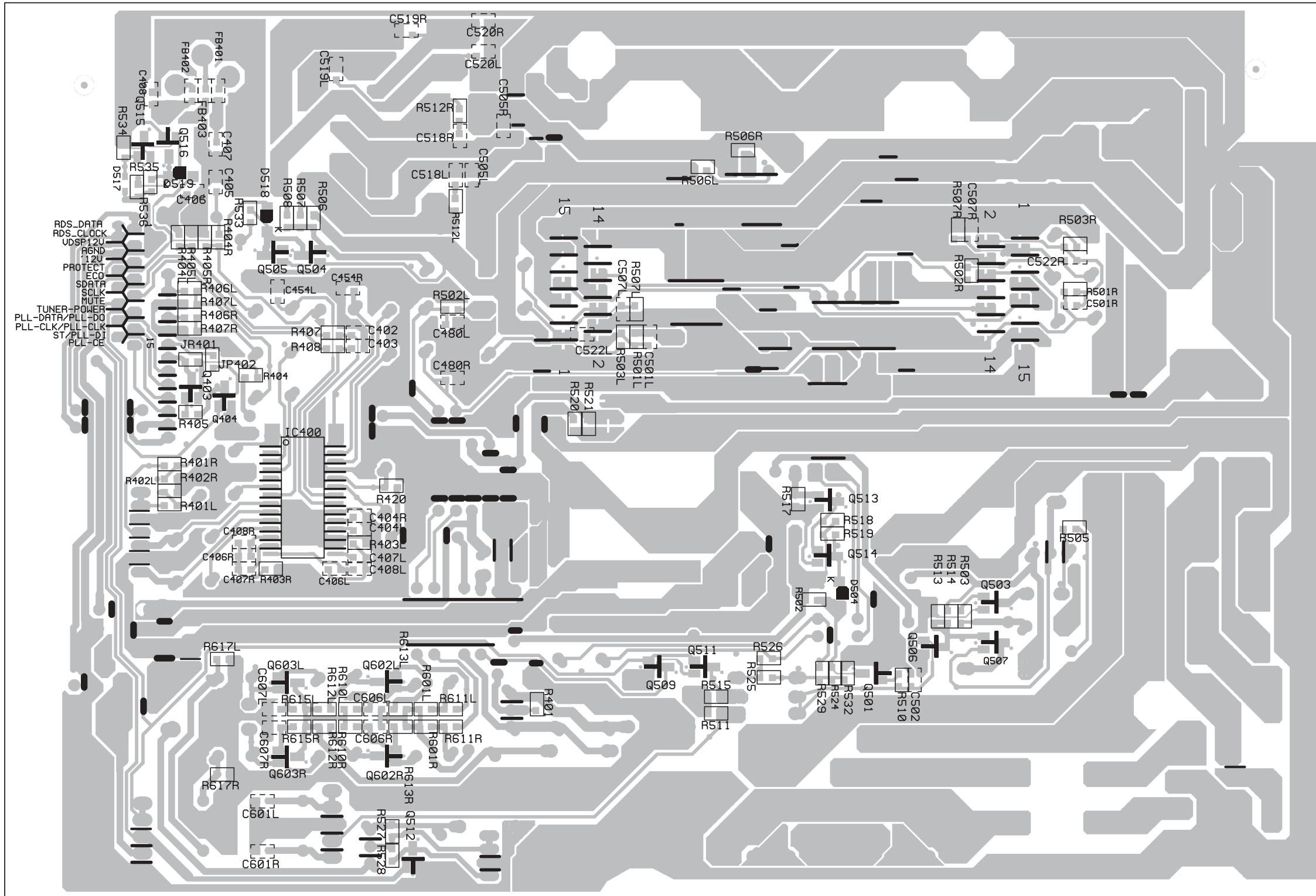
FOC- RAD- RAD+ FOC+ MD GND LD GND D C VCC E VC B A F

TO SVB

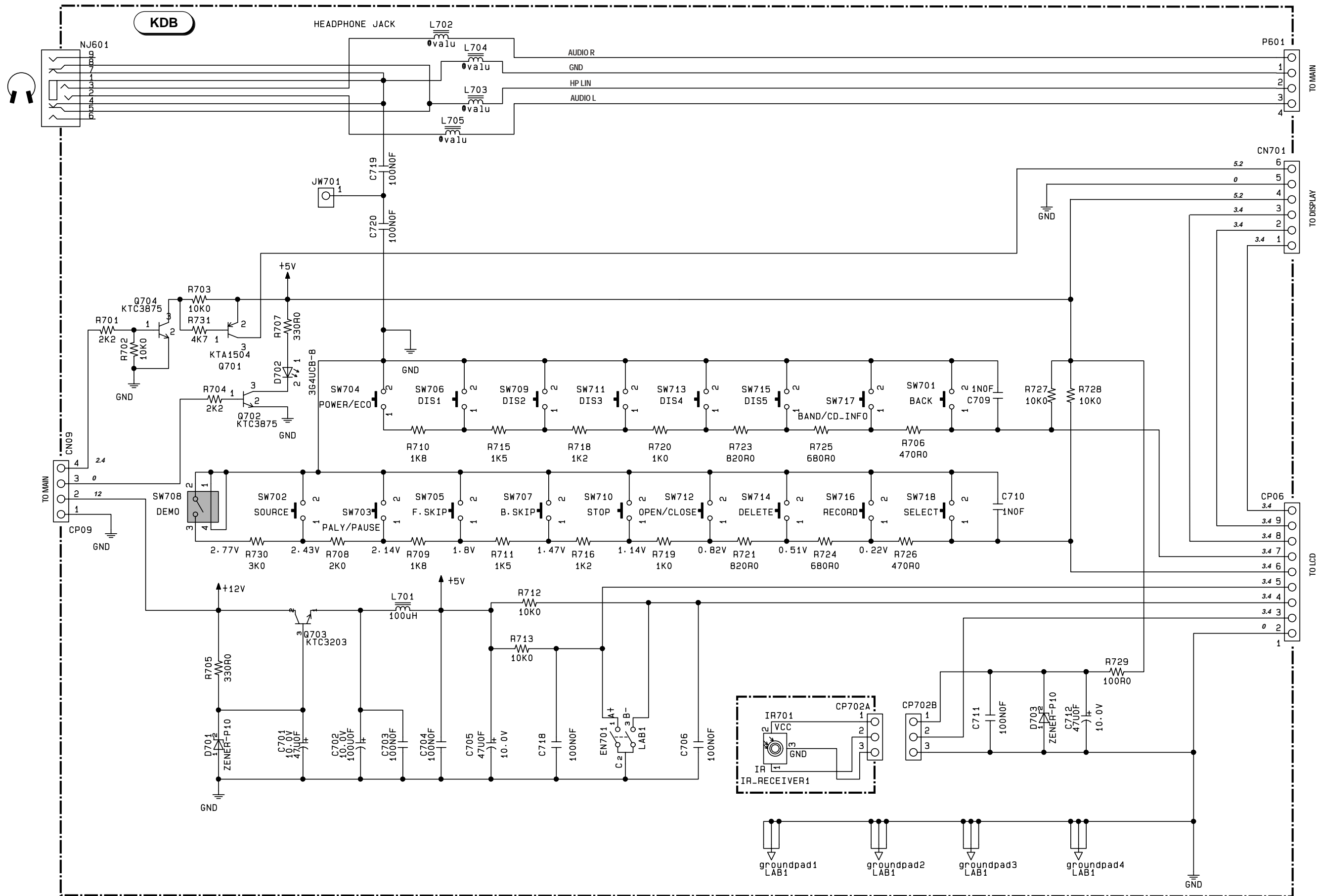


Main P.C.B.
 Platine principale
 Grundplatte
 Piastra principale
 Platina principal

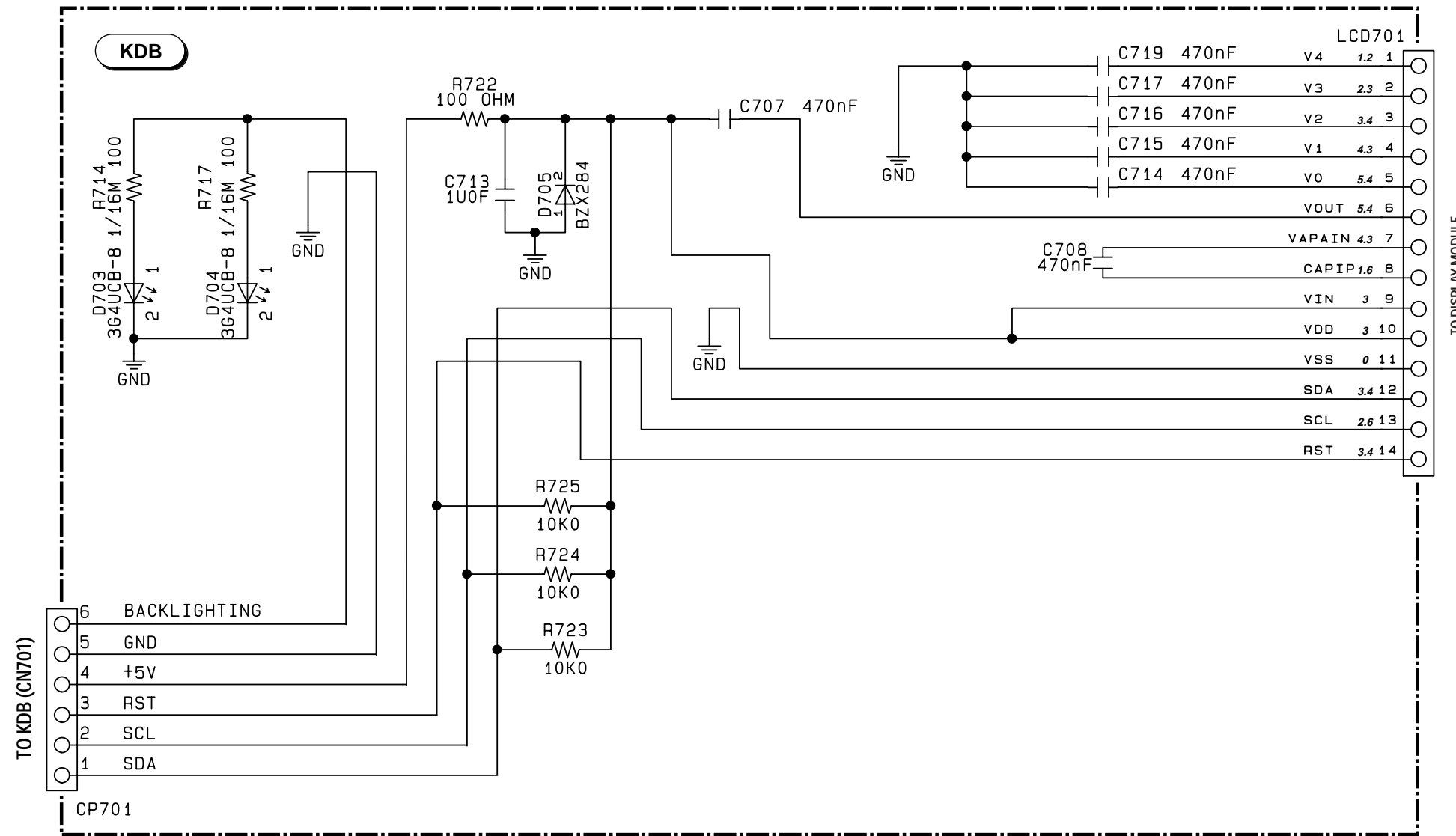
Solder side
 Côté soudure
 Lötseite
 Lato saldature
 Lado del cobre



CONTROL SCHEMATIC DIAGRAM - SCHEMA COMMANDES - SCHALTBILD BEDIENTEIL - SCHEMA COMANDI - ESQUEMA MANDOS



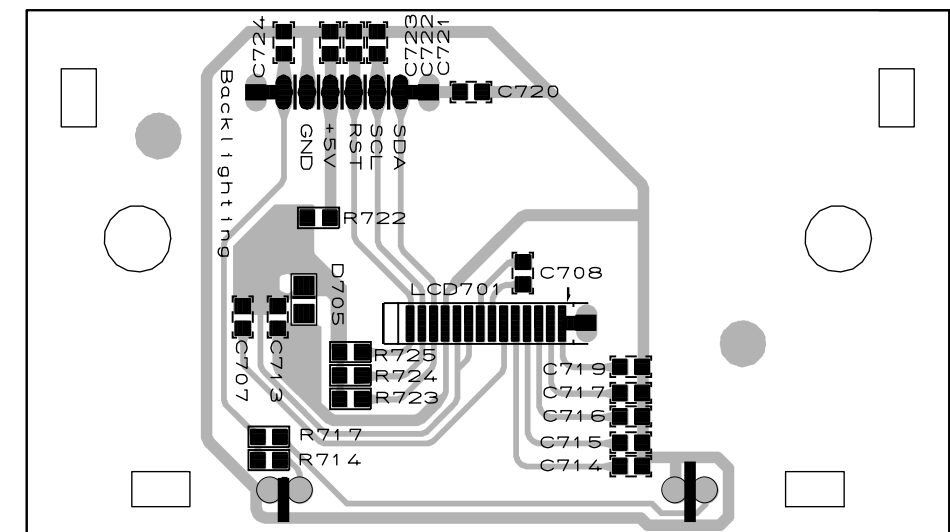
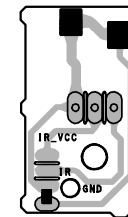
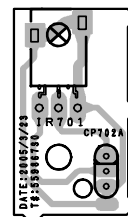
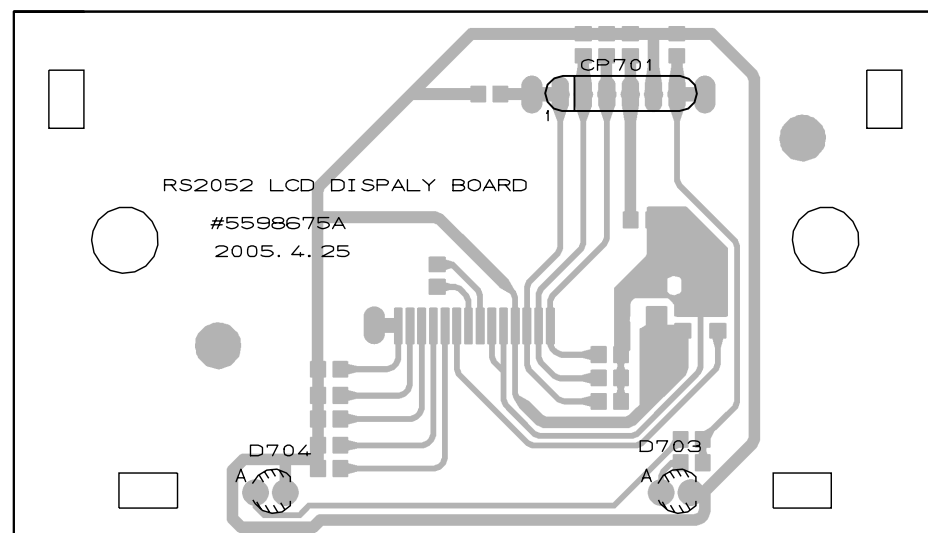
DISPLAY SCHEMATIC DIAGRAM - SCHEMA AFFICHEUR - SCHALTBILD ANZEIGE - SCHEMA INDICATORE - ESQUEMA INDICADOR

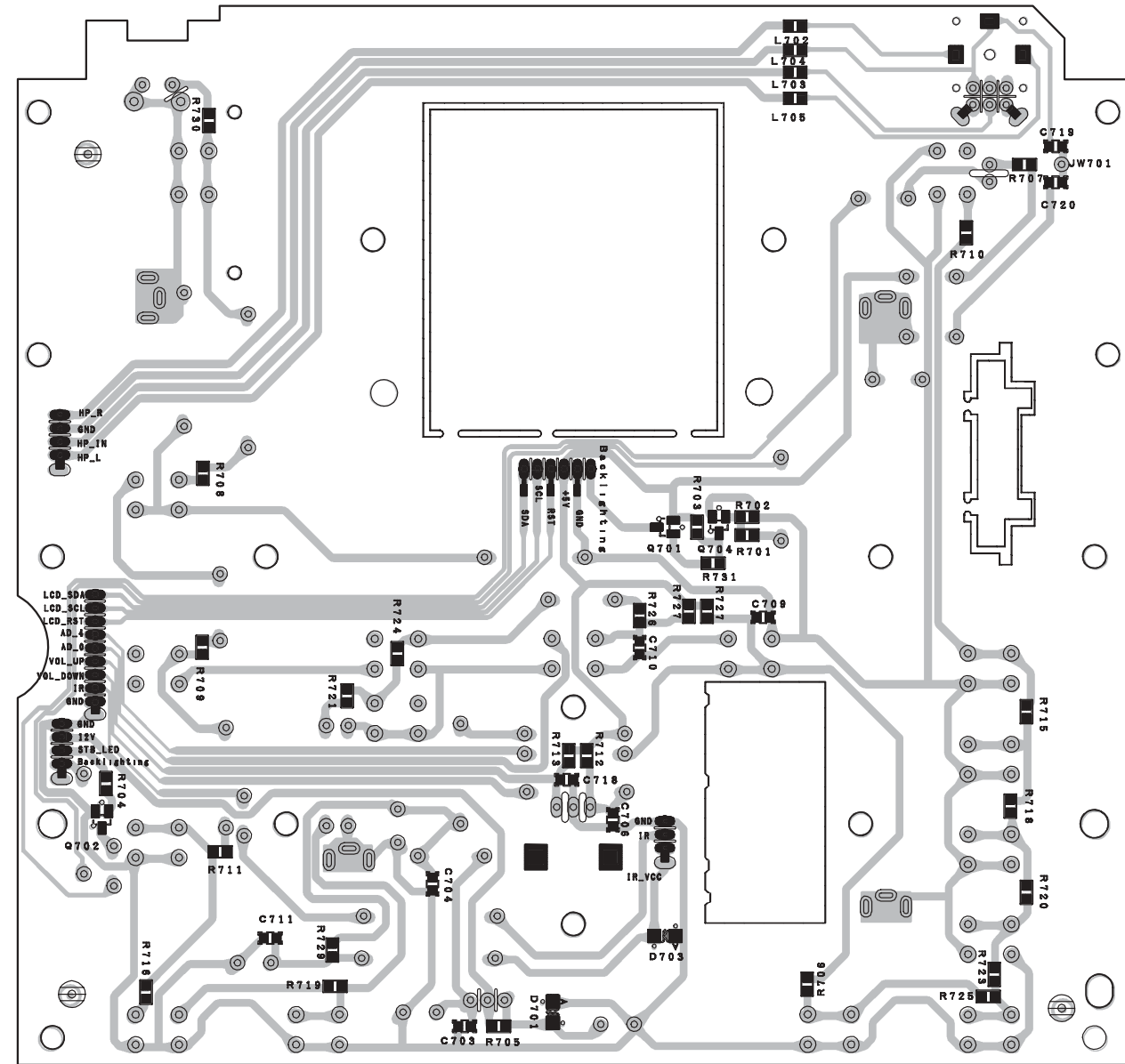
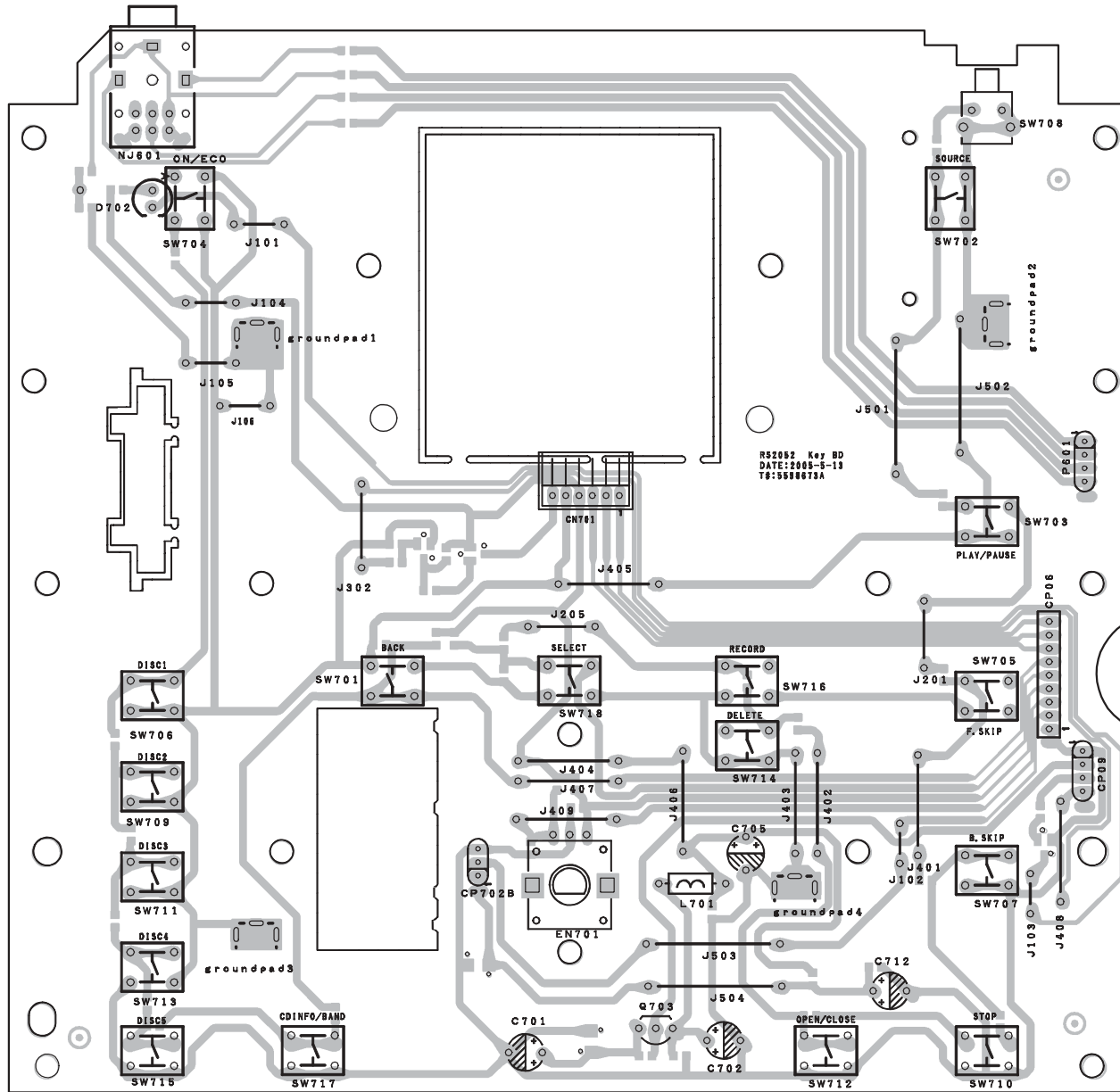


Display P.C.B.
Platine afficheur
Ltpl. Anzeige
Piastra indicatore
Platina indicador

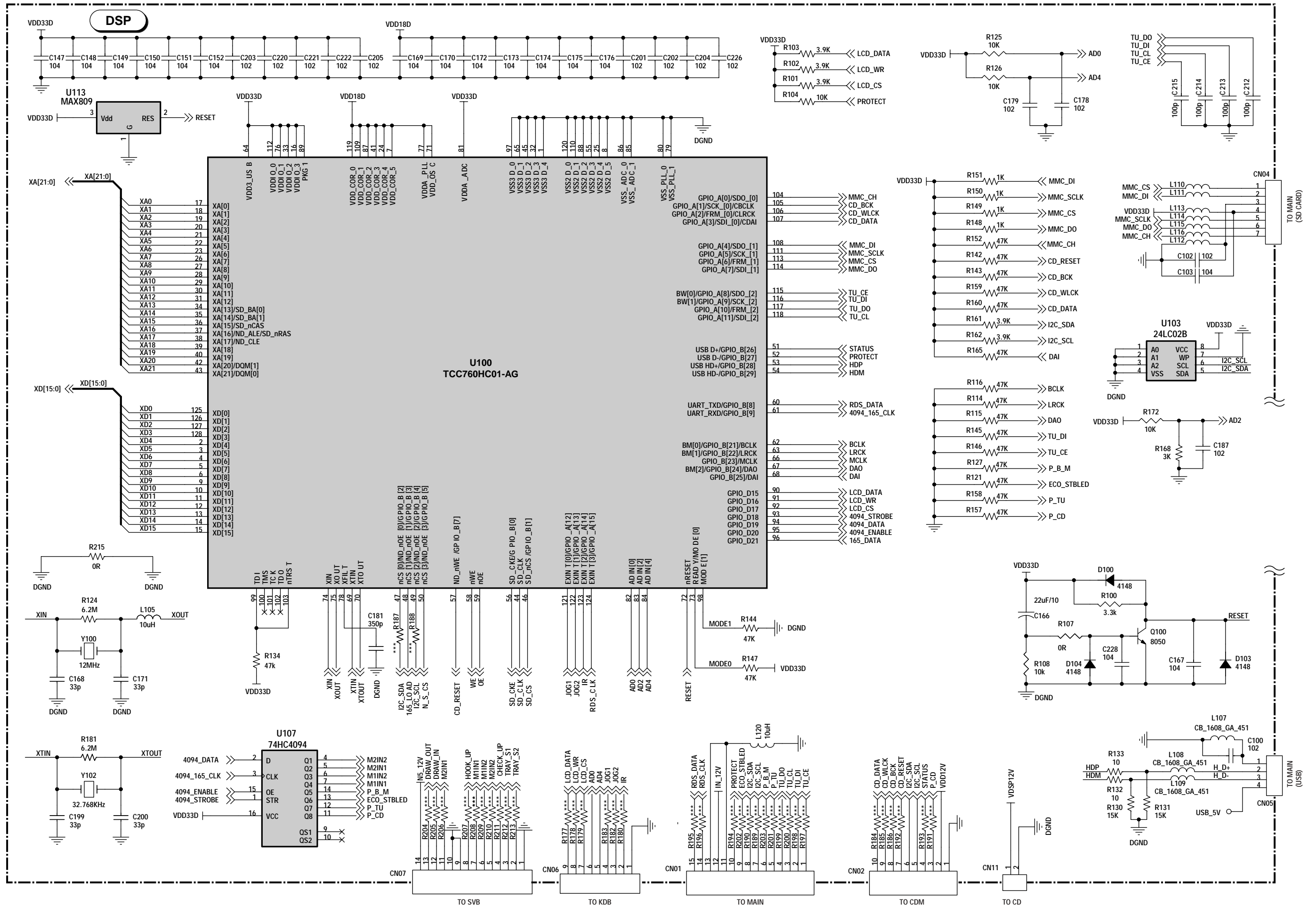
Component side
Côté composants
Bestückungsseite
Lato componenti
Lado componentes

Solder side
Côté soudure
Lötseite
Lato saldature
Lado del cobre

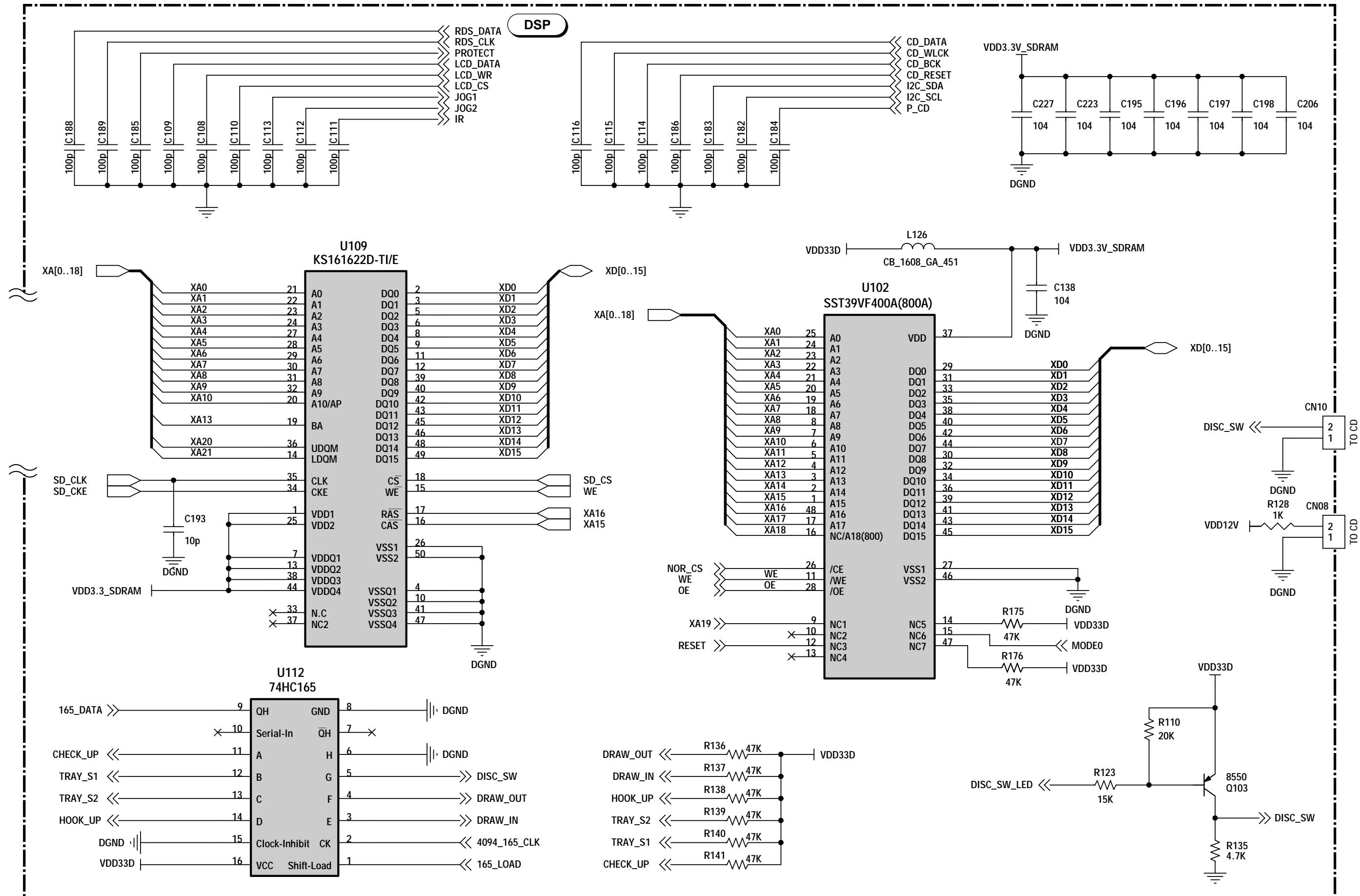




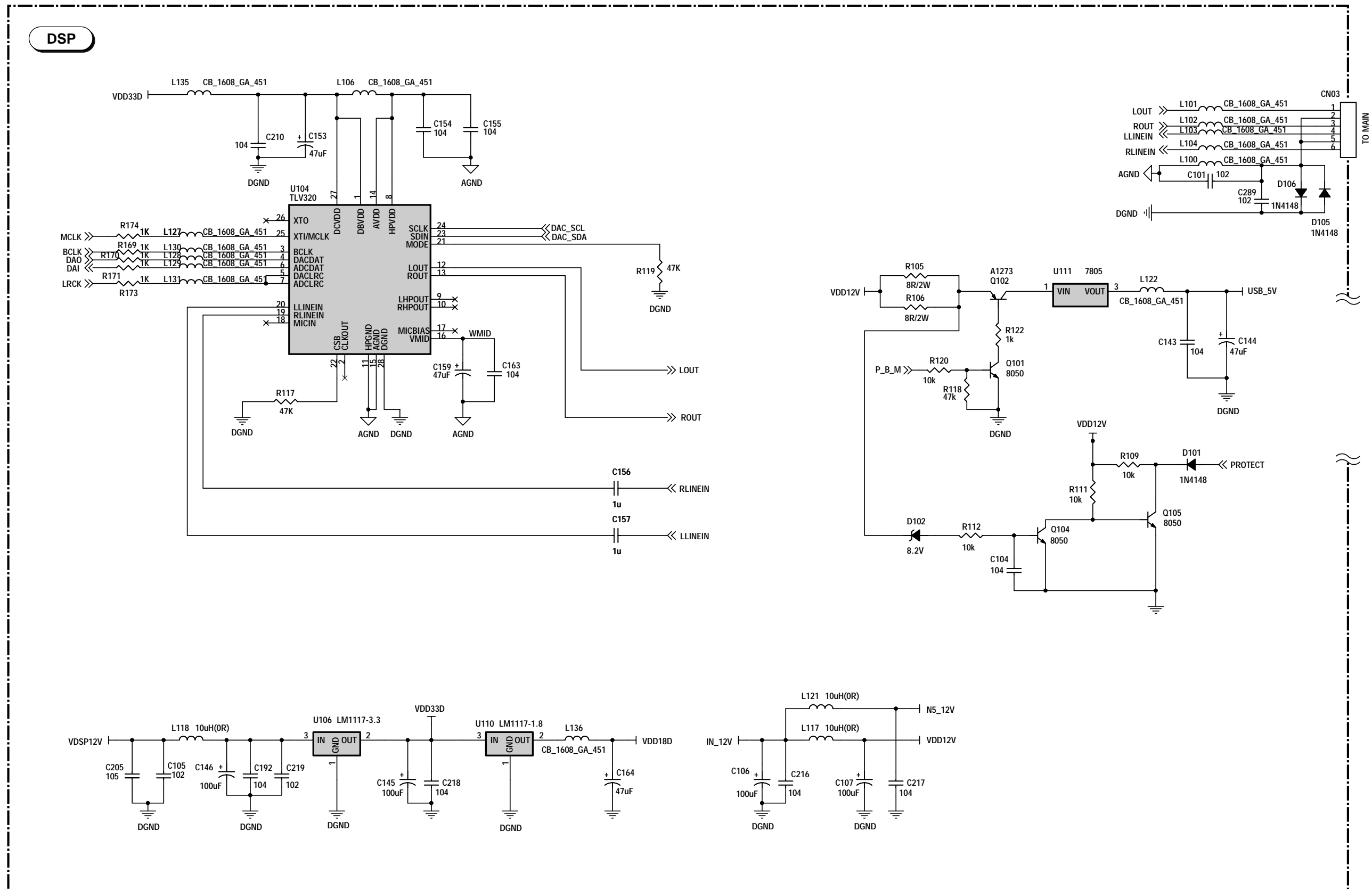
DIGITAL PROCESSING SCHEMATIC DIAGRAM - SCHEMA DU TRAITEMENT DIGITAL - SCHALTBILD DIGITALVERARBEITUNG - SCHEMA ELABORAZIONE DIGITALE
 ESQUEMA DEL TRATAMIENTO DIGITAL (1/3)



DIGITAL PROCESSING SCHEMATIC DIAGRAM - SCHEMA DU TRAITEMENT DIGITAL - SCHALTBILD DIGITALVERARBEITUNG - SCHEMA ELABORAZIONE DIGITALE
 ESQUEMA DEL TRATAMIENTO DIGITAL (2/3)

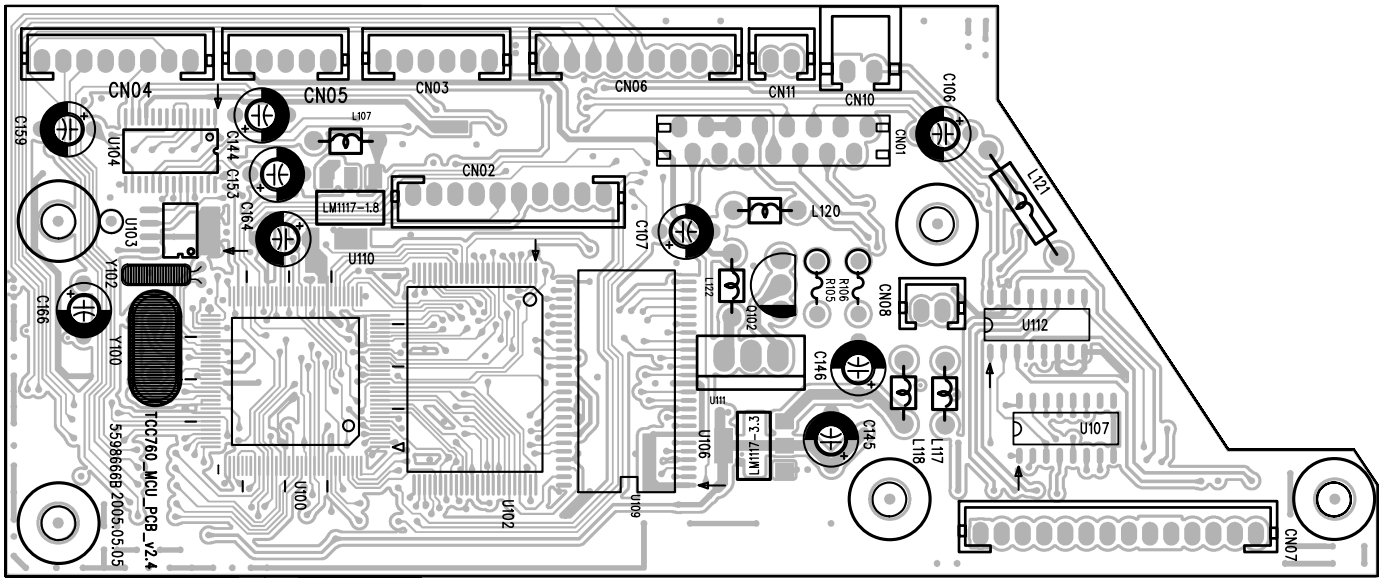


DIGITAL PROCESSING SCHEMATIC DIAGRAM - SCHEMA DU TRAITEMENT DIGITAL - SCHALTBILD DIGITALVERARBEITUNG - SCHEMA ELABORAZIONE DIGITALE
 ESQUEMA DEL TRATAMIENTO DIGITAL (3/3)

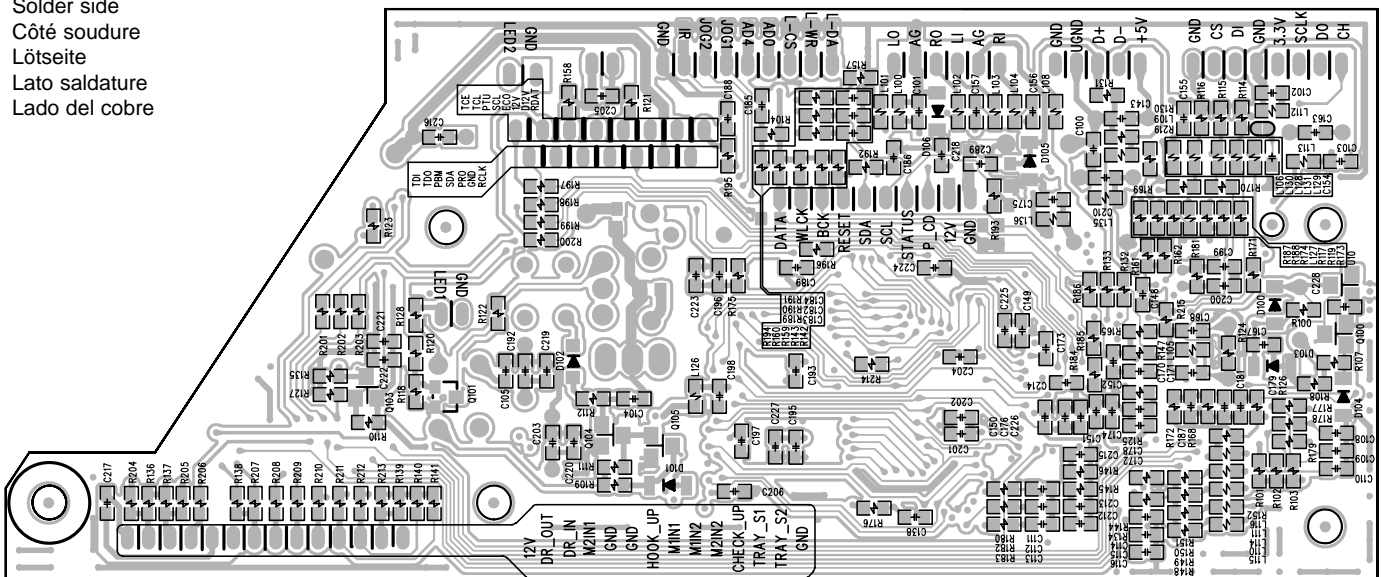


Digital processing P.C.B.
 Platine traitement digital
 Ltpl. Digitalverarbeitung
 Piastra elaborazione digitale
 Platina tratamiento digital

Component side
 Côté composants
 Bestückungsseite
 Lato componenti
 Lado componentes

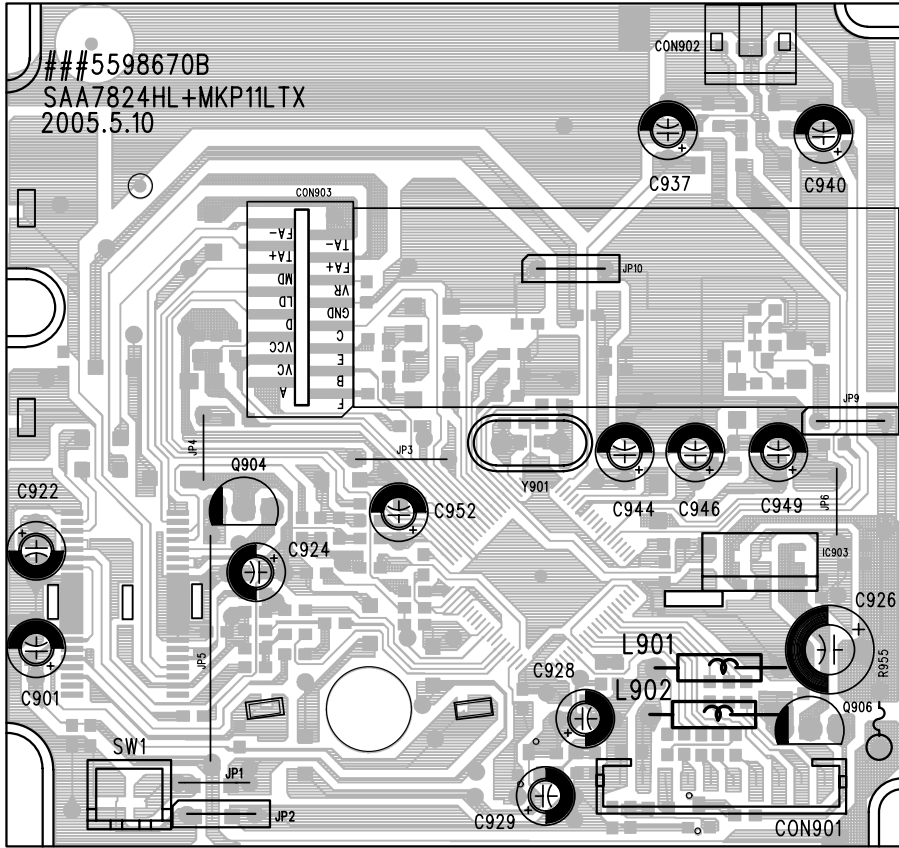


Solder side
 Côté soudure
 Lötseite
 Lato saldature
 Lado del cobre

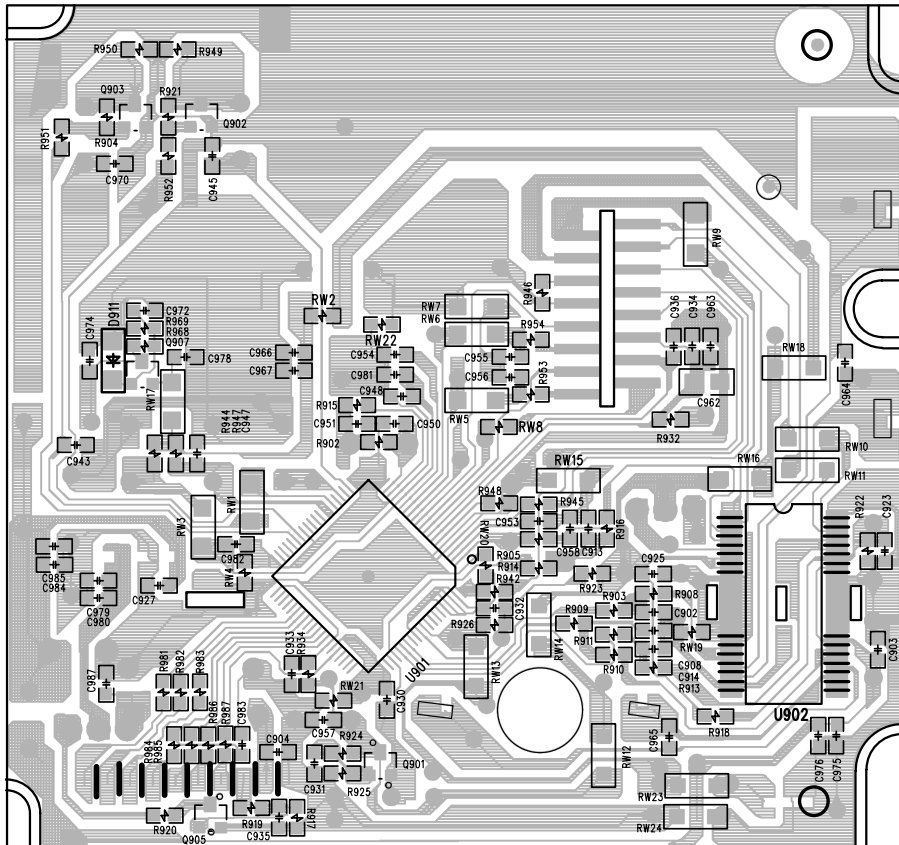


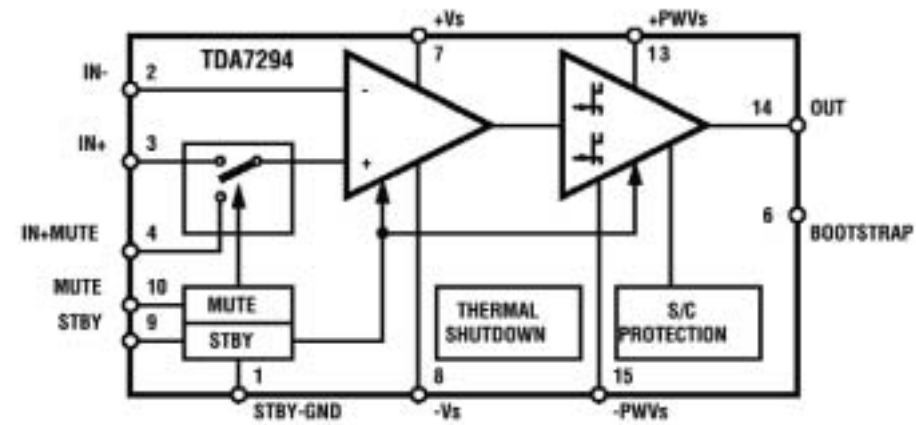
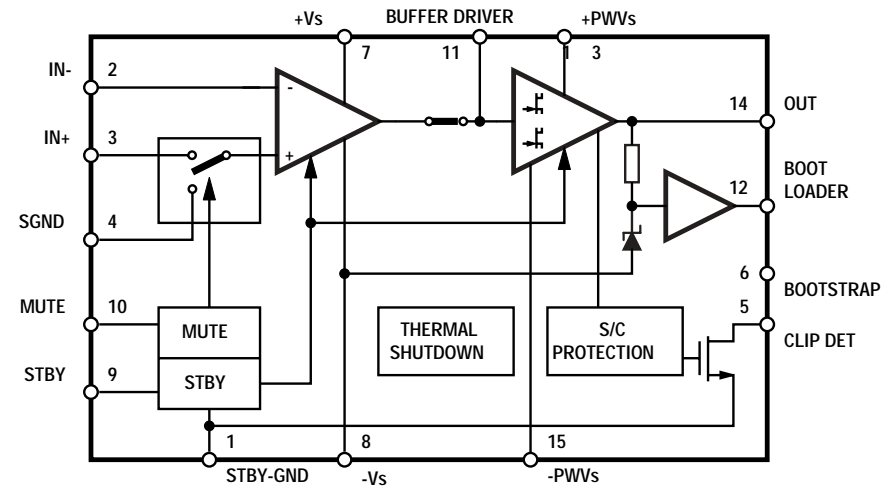
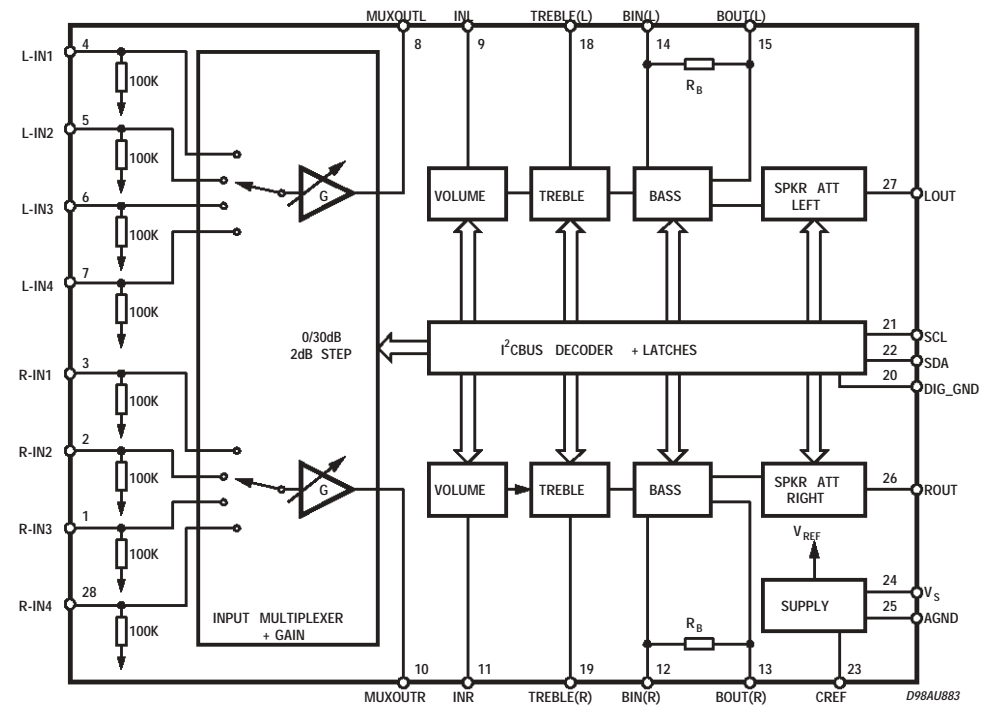
Microcontroller P.C.B.
 Platine Microcontrôleur
 LtpI Microcontroller
 Piastra Microprocessore
 Platina Microcontrolador

Component side
 Côté composants
 Bestückungsseite
 Lato componenti
 Lado componentes



Solder side
 Côté soudure
 Lötseite
 Lato saldature
 Lado del cobre





Abbreviations - Abreviations - Abkürzungen - Abbreviazioni - Abreviaciones

AC	Alternating Current	GCA	Gain Controlled Amplifier
ACC	Automatic Colour Control	HPF	High Pass Filter
AGC	Automatic Gain Control	I.R	Infra Red
A_IF	Audio IF	ID	Identification
ALC	Automatic Level Control	INP/IN	Input
AMP	Amplifier	KDB	Key Display Board
APC	Automatic Phase Control	LIM	Limiter
AV	Audio-Video	LPF	Low Pass Filter
BPF	Band Pass Filter	PCB	Printed Circuit Board
CH	Channel	PG	Pulse Generator
CLK	Clock	PLL	Phase Locked Loop
COMP	Comparator	PWM	Pulse Width Modulation
CONV	Converter	SCL	Serial Clock
CSYNC	Composite Synch	SDA	Serial Data
CTL	Control	SMPS	Switch Mode Power Supply
DC	Direct Current	SW	Switch
DET	Detector	VCA	Voltage Controlled Amplifier
DIG	Digital	VCO	Voltage Controlled Oscillator
ENV	Envelope	VD	Supply Voltage Digital
EQ	Equalizer	VE	Voltage (Ever)
FG	Frequency Generator	VS	Voltage (Switched)
GND	Ground		

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