

● **BLAUPUNKT**

AUTORADIO

Opel CD 30 MP3

7 643 103 310

Opel CD 30 MP3

7 643 103 317

Opel CD 30 MP3

7 643 105 310

Opel CD 30 MP3

7 643 105 317

Opel CD 30 MP3

7 643 106 310/311

Opel CD 30 MP3

7 643 106 317

Opel CD 30 MP3

7 643 104 310/311

Opel CD 30 MP3

7 643 104 317

8 622 403 988 KNA-ST 03/05

Schaltbild • Circuit diagram

**CLASS 1
LASER PRODUCT**



**UNSICHTBARE LASERSTRAHLUNG
NICHT DEM STRAHL AUSSETZEN
LASERKLASSE 3B**

(D) VORSICHT!

**Die Geräte beinhalten eine Laserkomponente!
Im Servicefall bitte nachfolgende Hinweise
beachten:**

- Das Gerät arbeitet mit unsichtbarem Laserstrahl.
- Bei geöffnetem Gerät tritt im Bereich des Plattenfaches Laserstrahlung aus.
- Nicht in den Strahl blicken.
- Unbeteiligte Personen vom Arbeitsplatz fernhalten.
- Der Betrachtungsabstand darf 13 cm nicht unterschreiten.
- Kann dies nicht eingehalten werden, muß eine geeignete Laserschutzbrille getragen werden.

(GB) CAUTION!

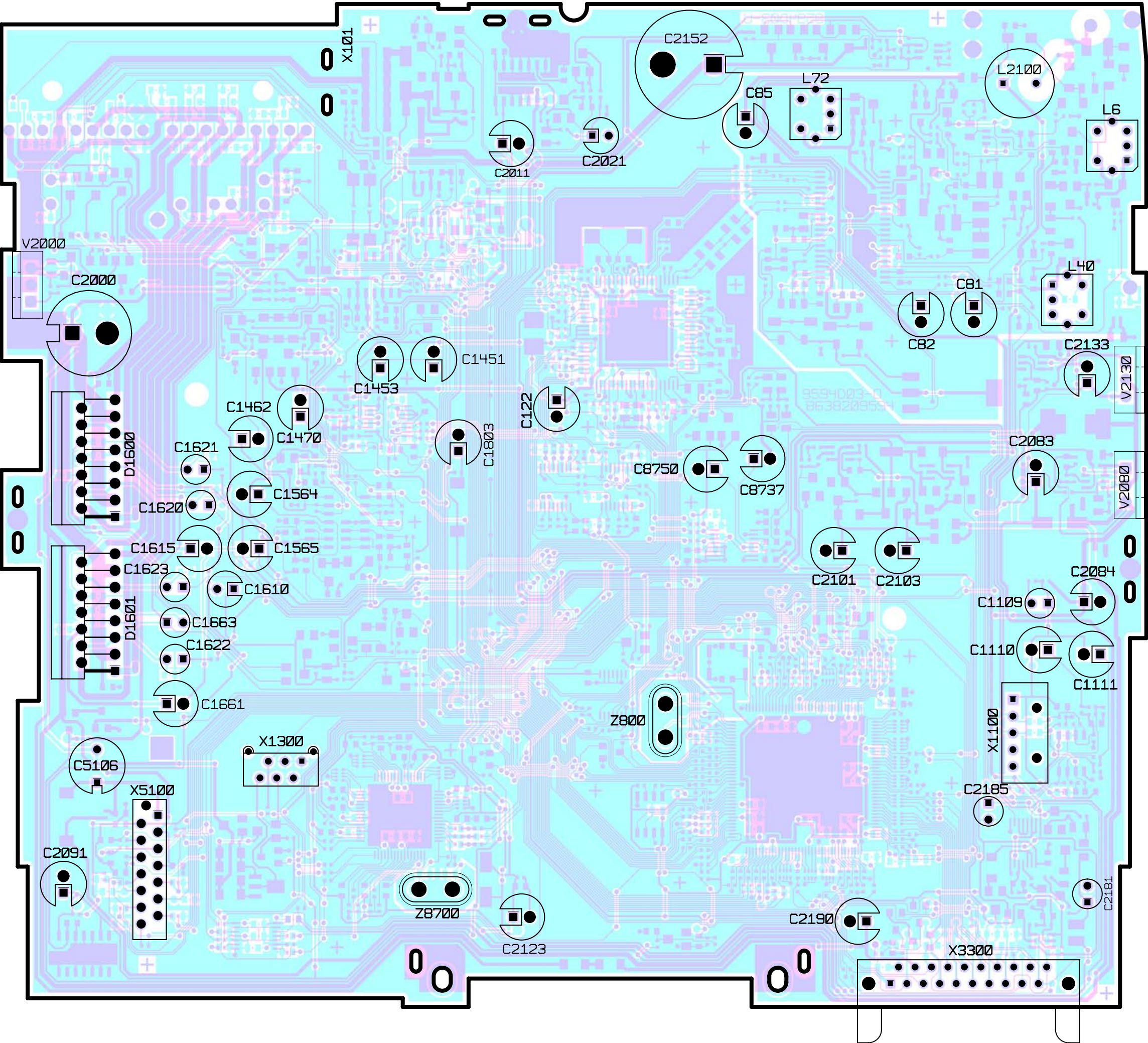
**The CD units are equipped with a laser component!
For servicing make sure to observe the following
instructions:**

- The unit operates with invisible laser beams.
- When the cover is removed, invisible laser beams are emitted near the disc compartment.
- Avoid direct eye contact with these beams.
- Keep unauthorised persons away from the workbench.
- The viewing distance should not be less than 13 cm.
- If this distance cannot be kept, use suitable laser safety goggles.

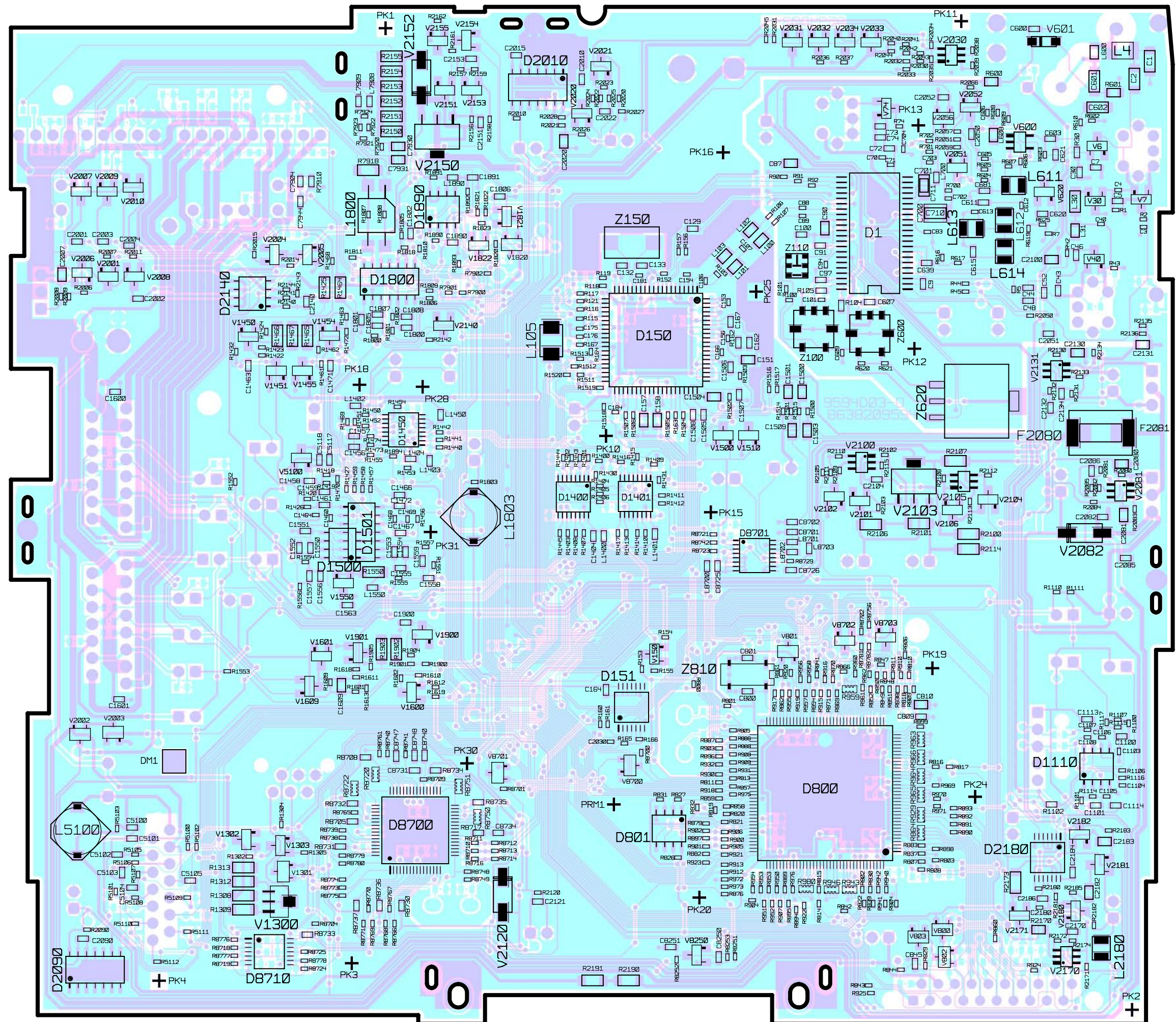


Hauptplatte
Main board
PL 8 638 219 594 D03

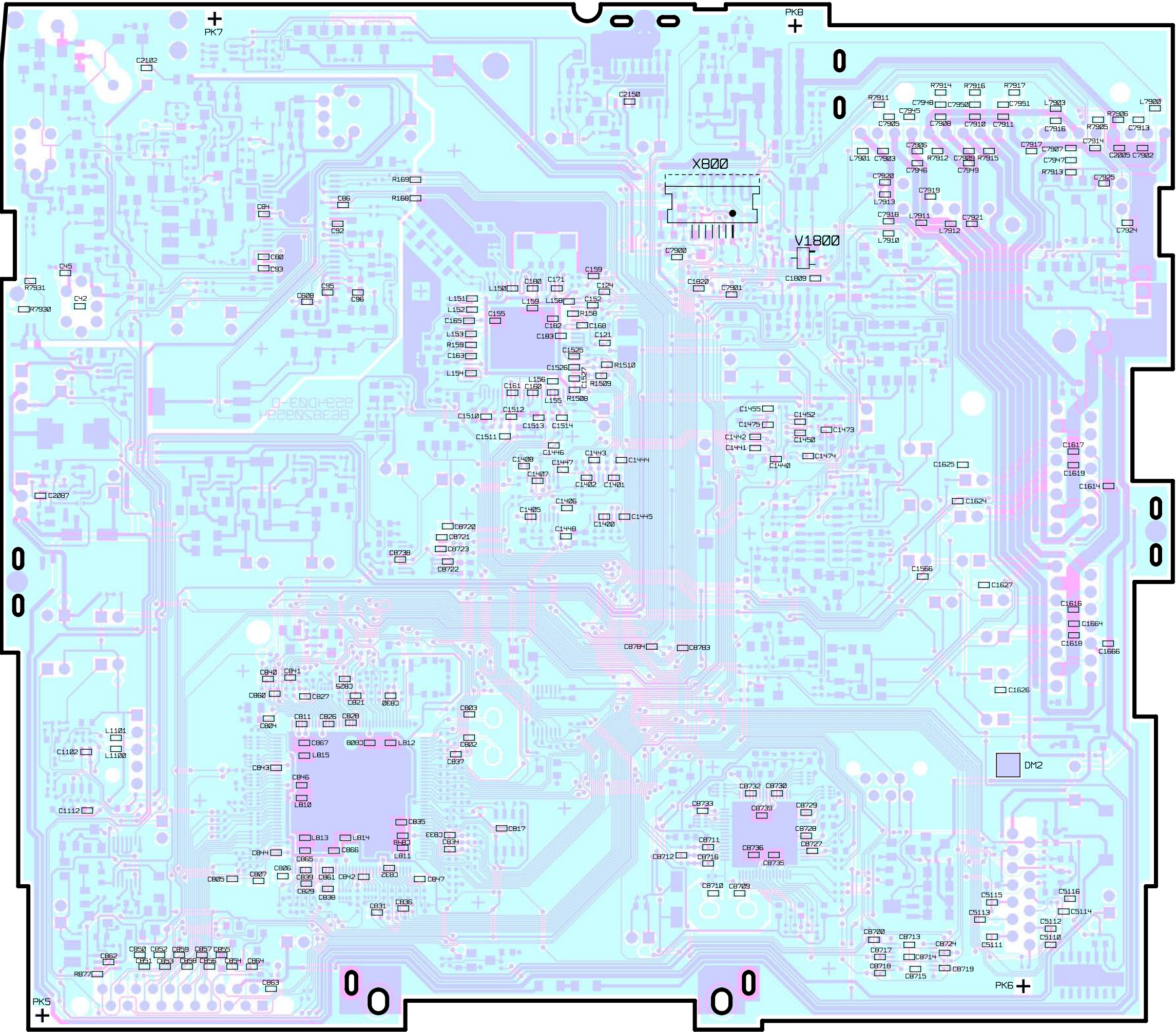
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A diagram showing a vertical line with a downward-pointing arrowhead, representing a force vector acting downwards.

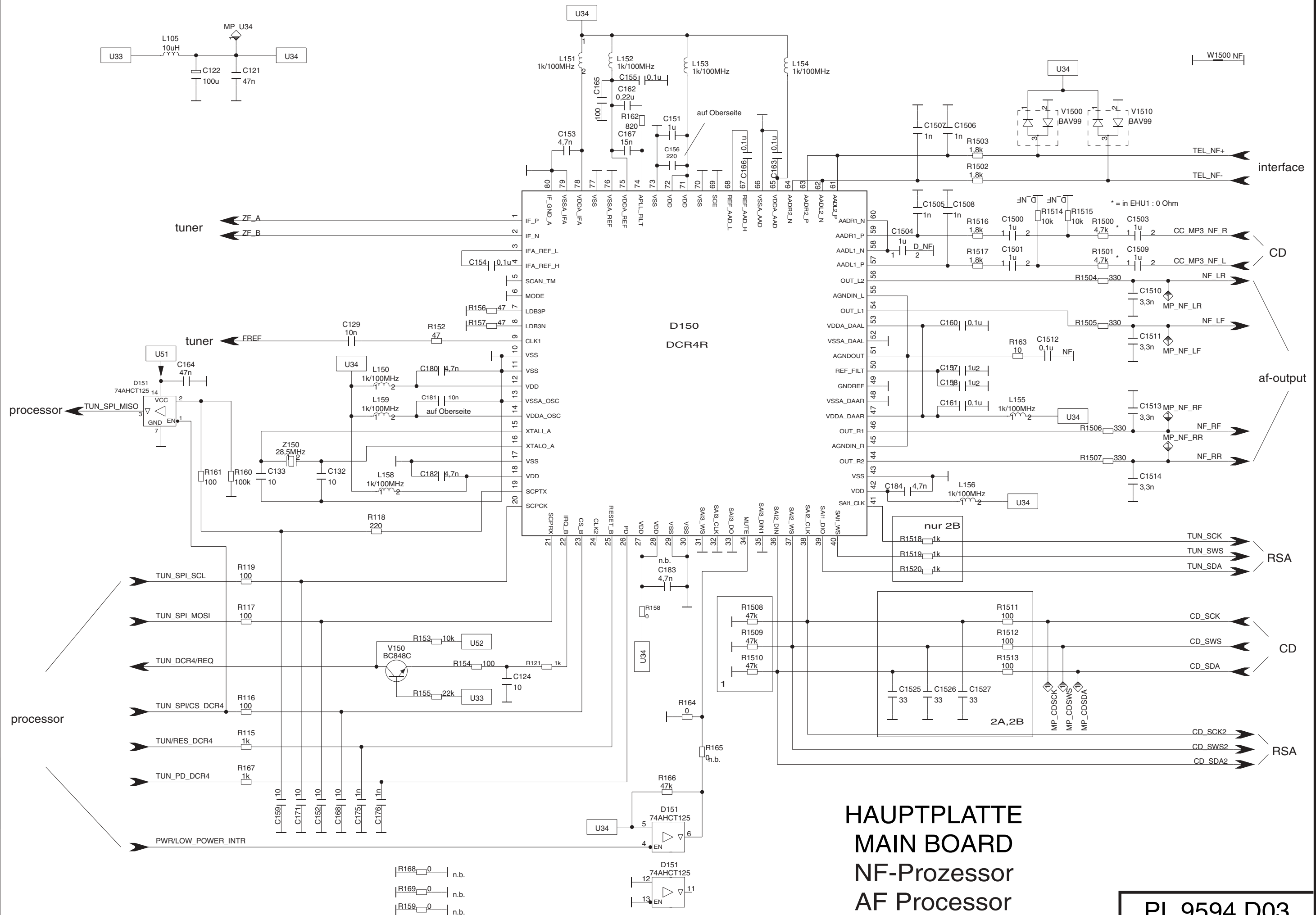


Hauptplatte
Main board
PL 8 638 219 594 D03
Chip
↑

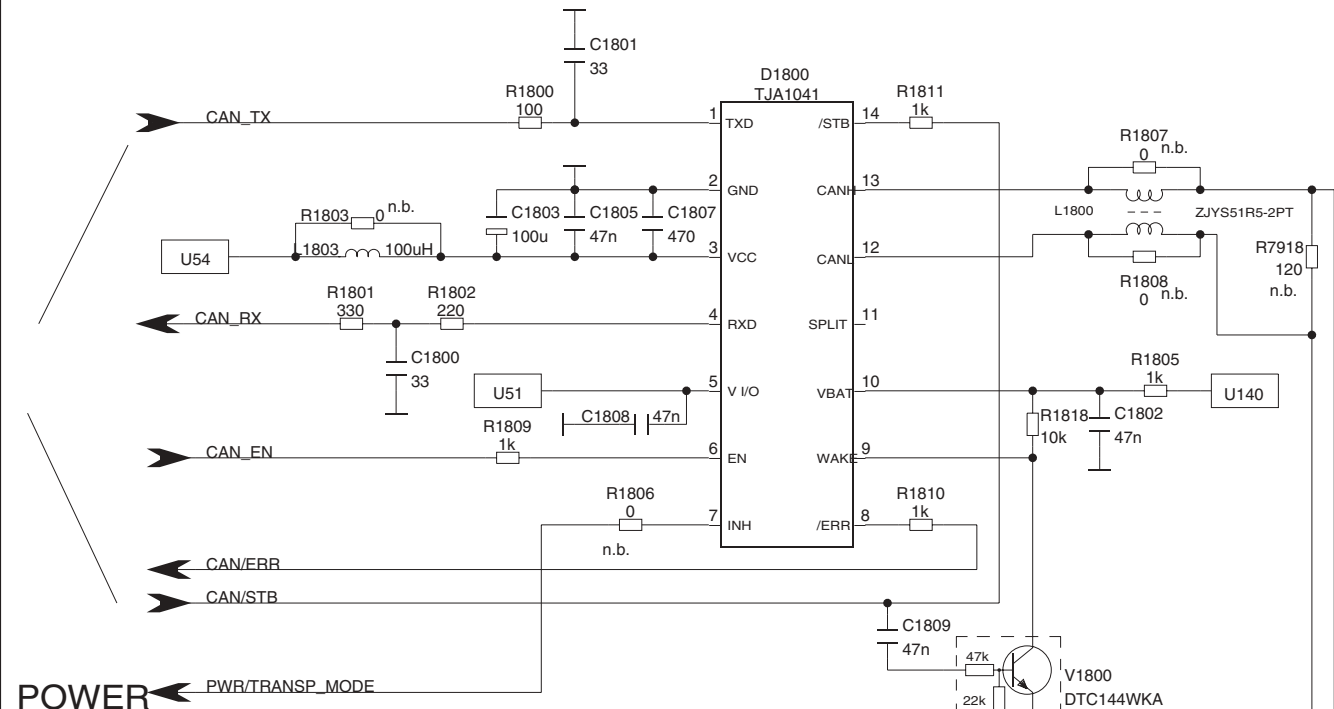




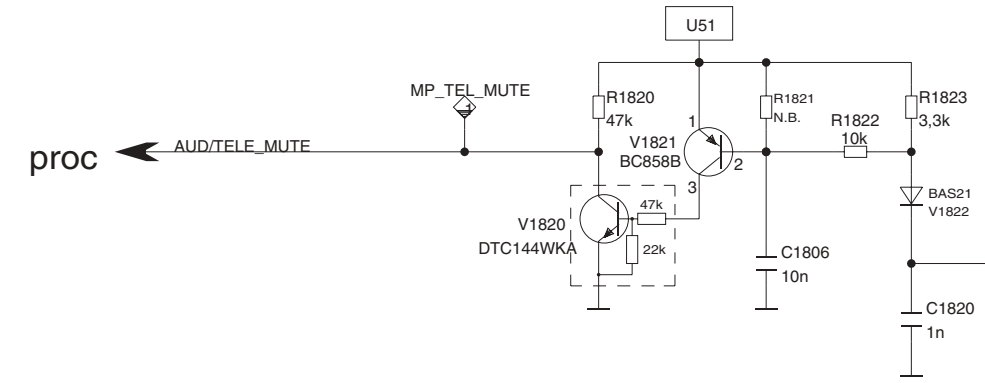
PL 9594 D03



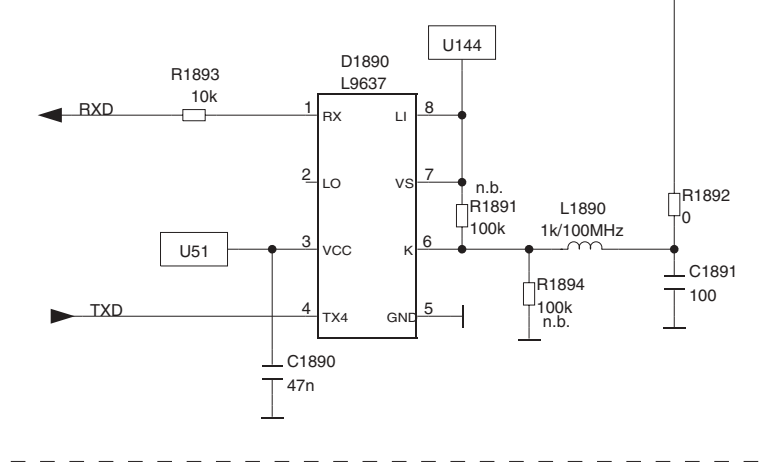
CAN-TRANSCEIVER



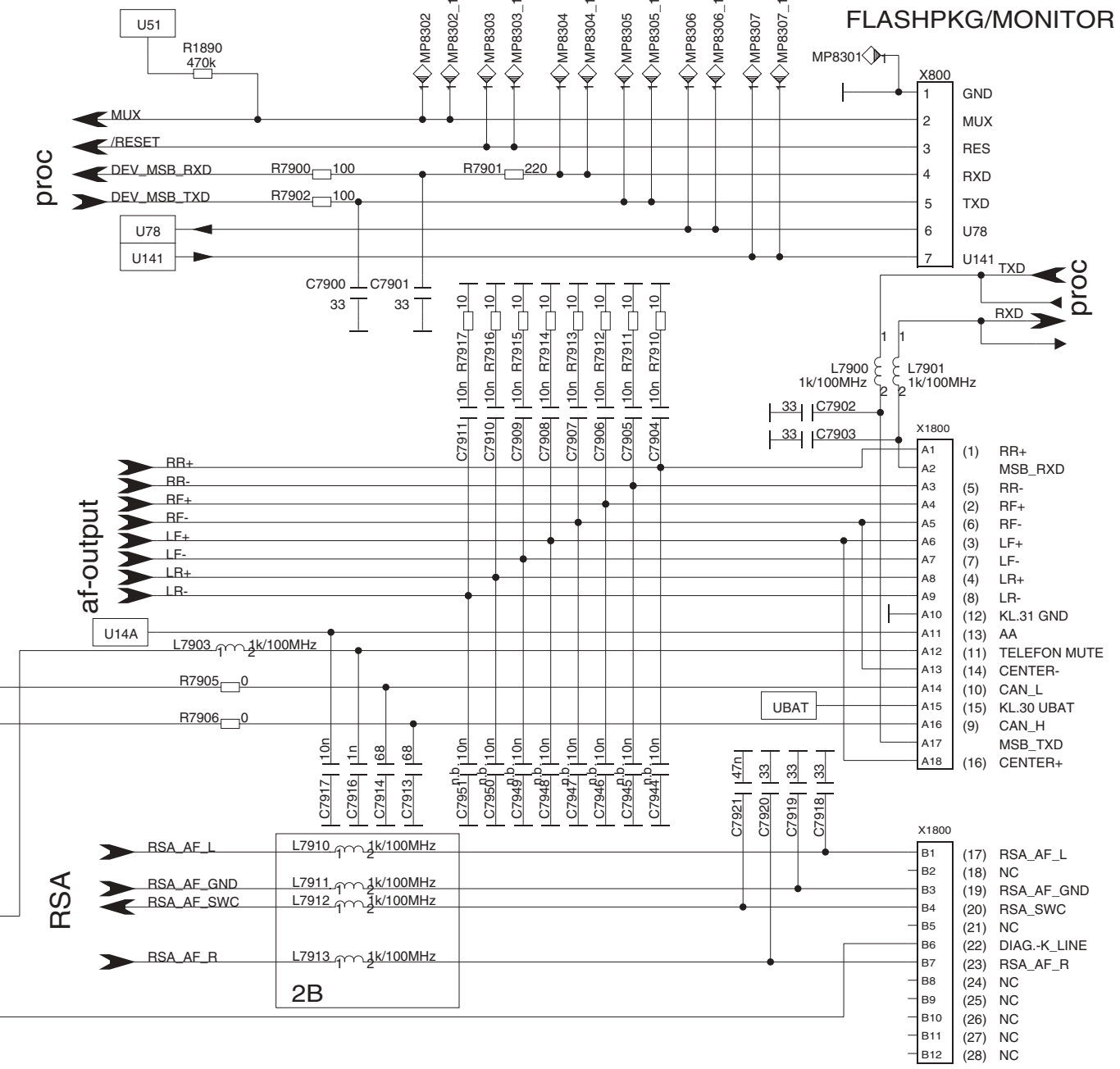
PHONE MUTE



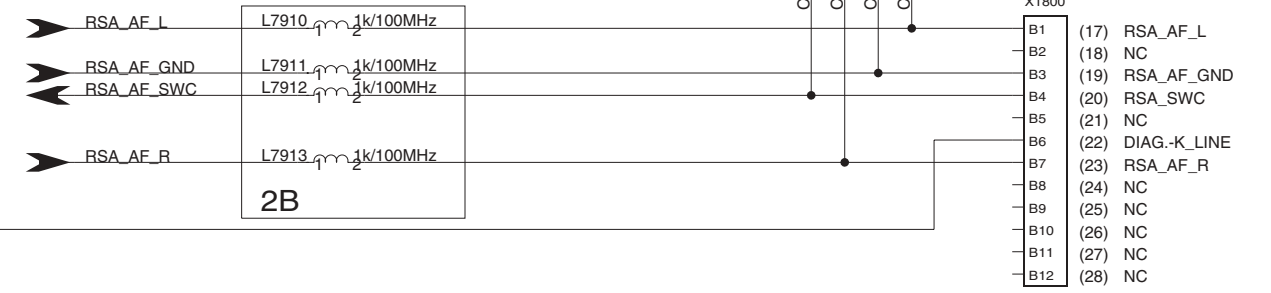
DIAG.K LINE INTERFACE
only for sample builds



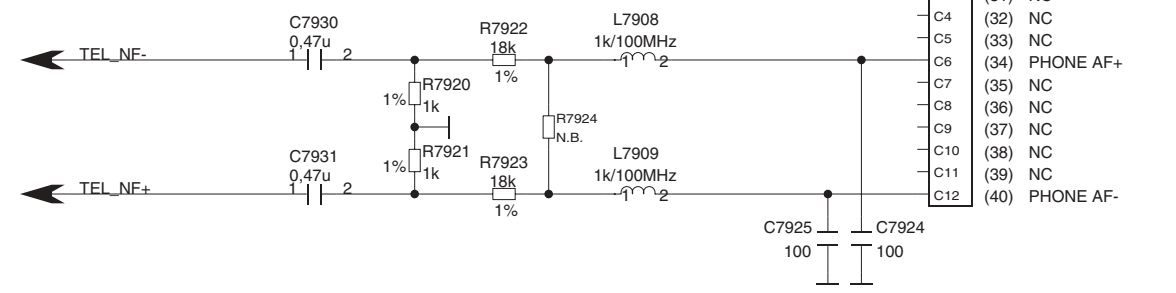
FLASHPKG/MONITOR



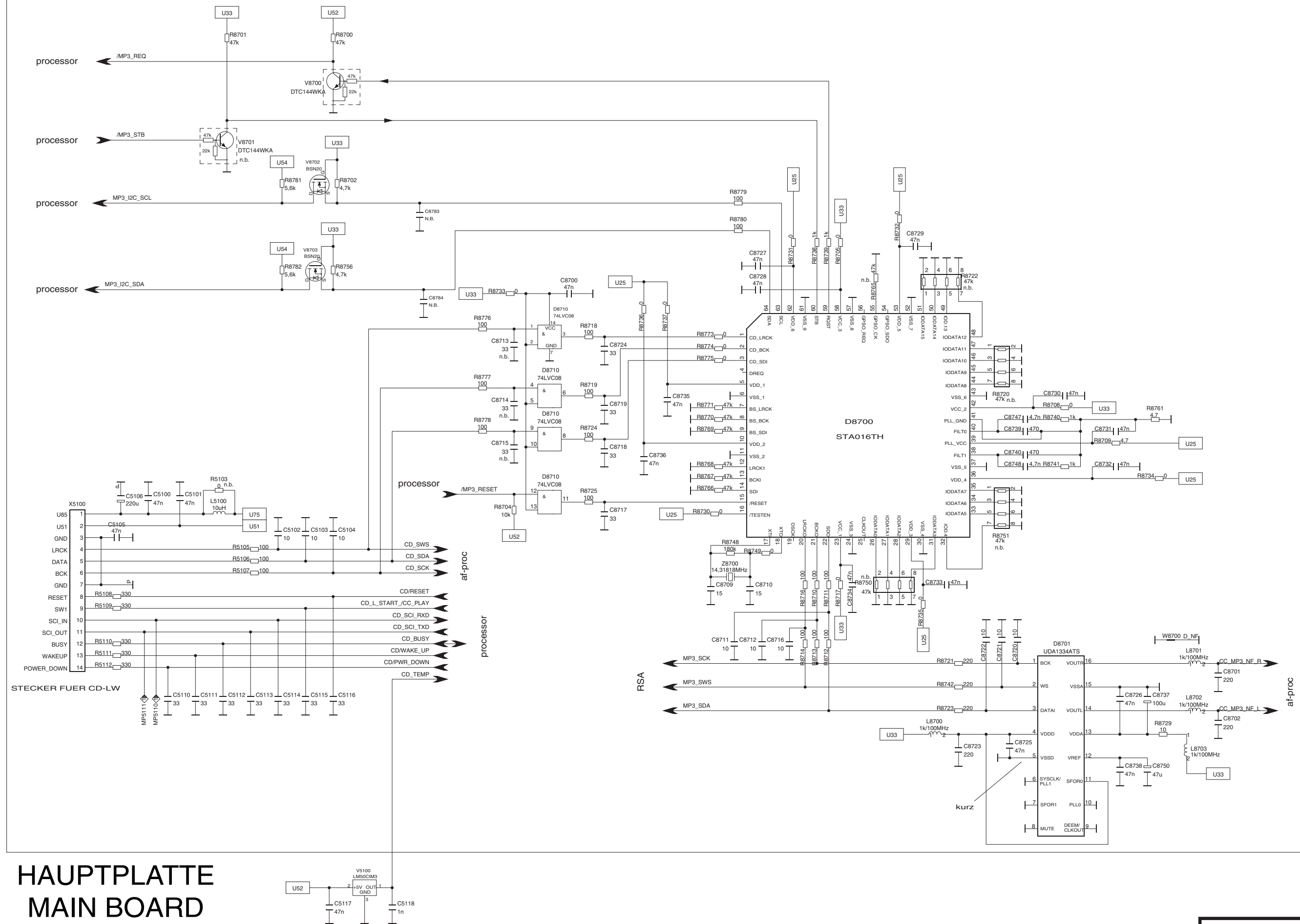
RSA



af-proc

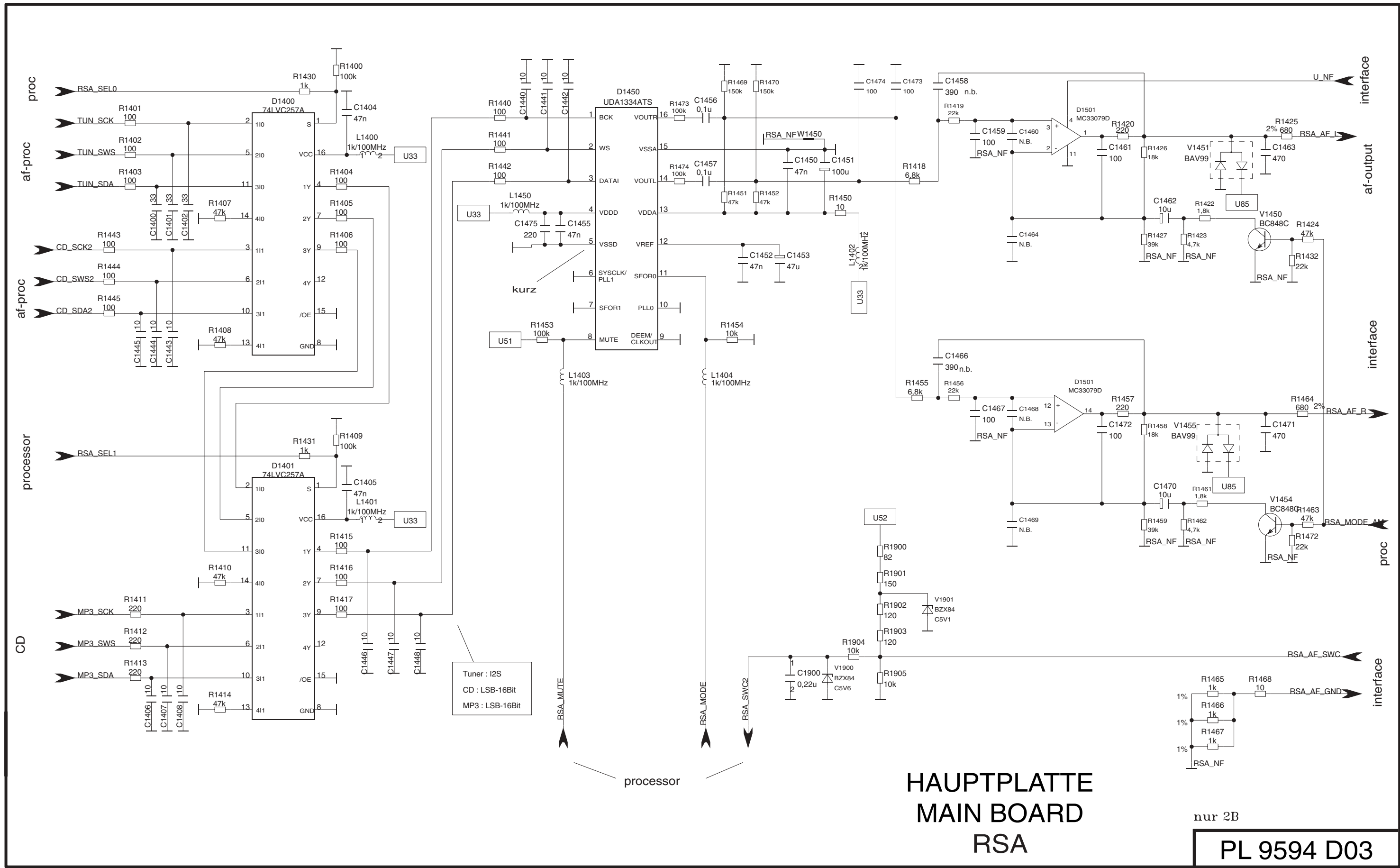


HAUPTPLATTE
MAIN BOARD
Interface



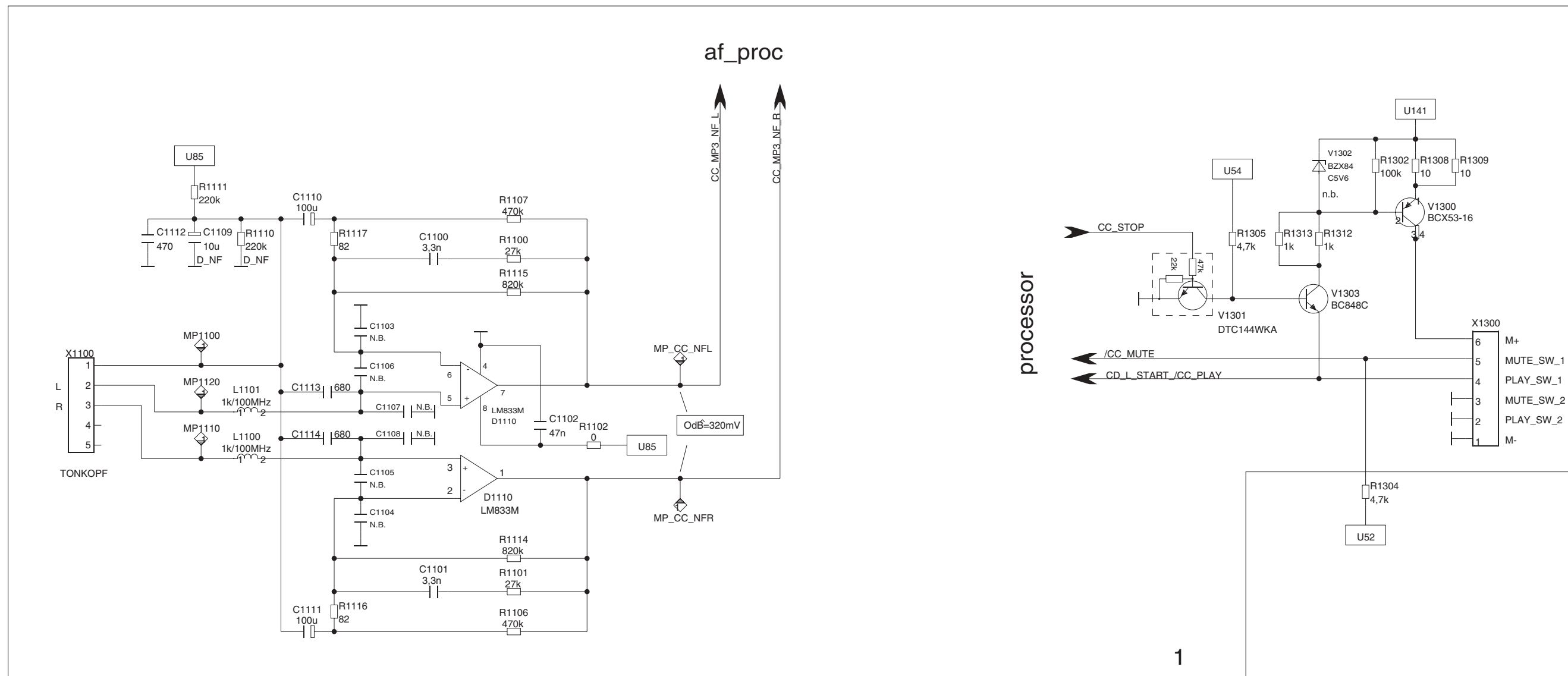
HAUPTPLATTE
MAIN BOARD
CD

PL 9594 D03



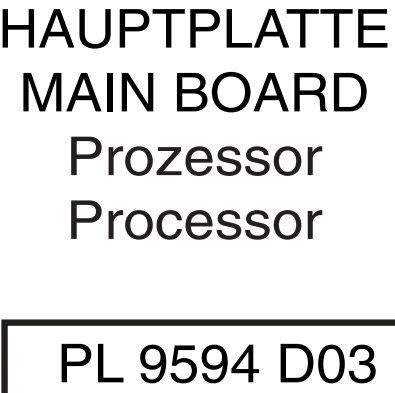
HAUPTPLATTE
MAIN BOARD
RSA

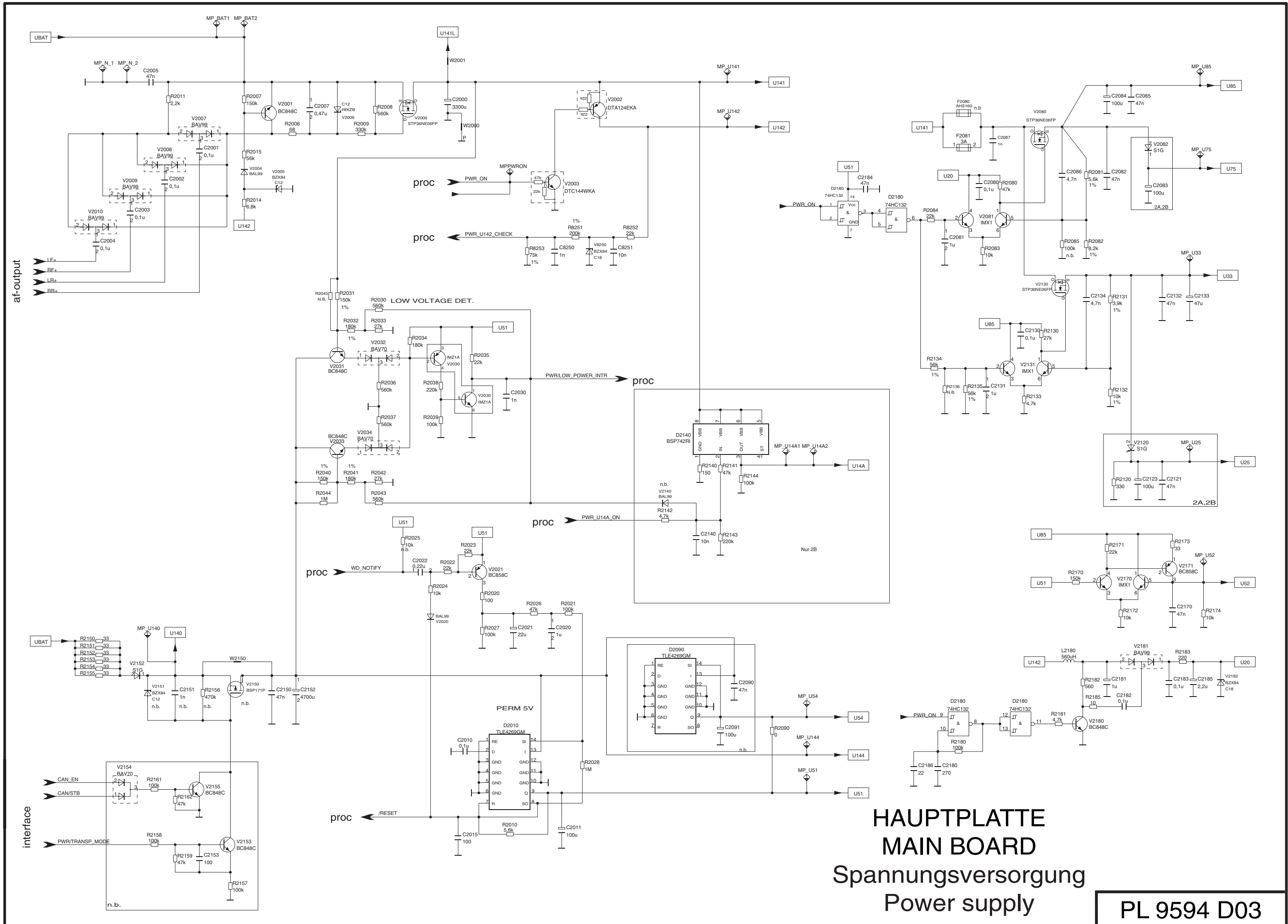
nur 2B
PL 9594 D03

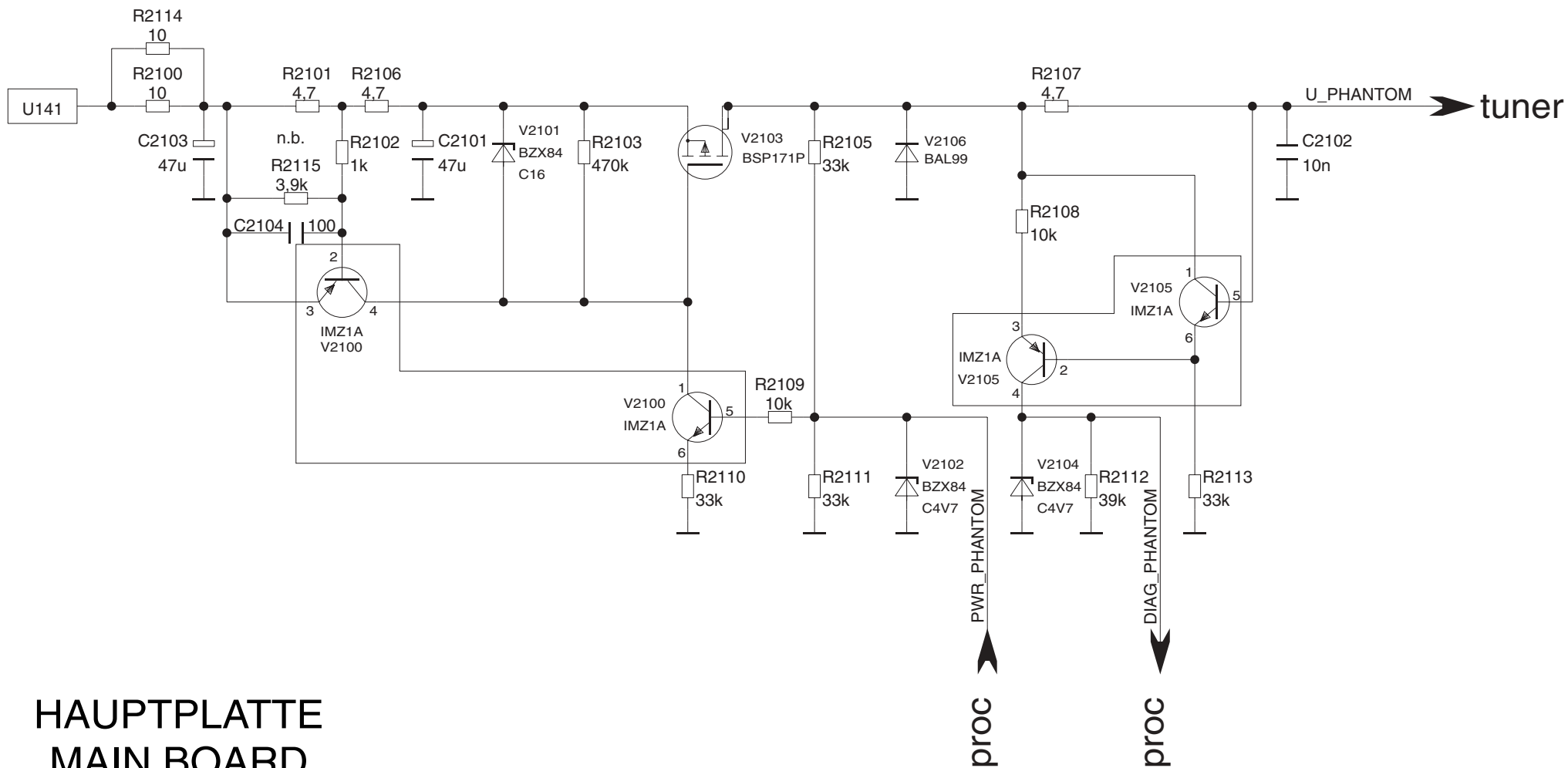


HAUPTPLATTE
MAIN BOARD
CC- Mechanism

PL 9594 D03







HAUPTPLATTE
MAIN BOARD
Phantom-Feeding

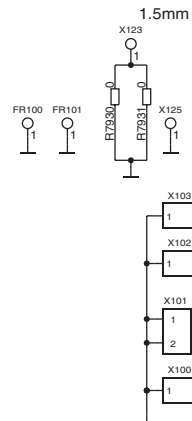
PL 9594 D03

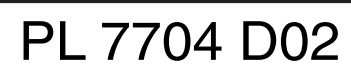
This diagram illustrates a highly detailed printed circuit board (PCB) layout for a computer system. The board is densely packed with electronic components, each meticulously labeled with its designator and value.

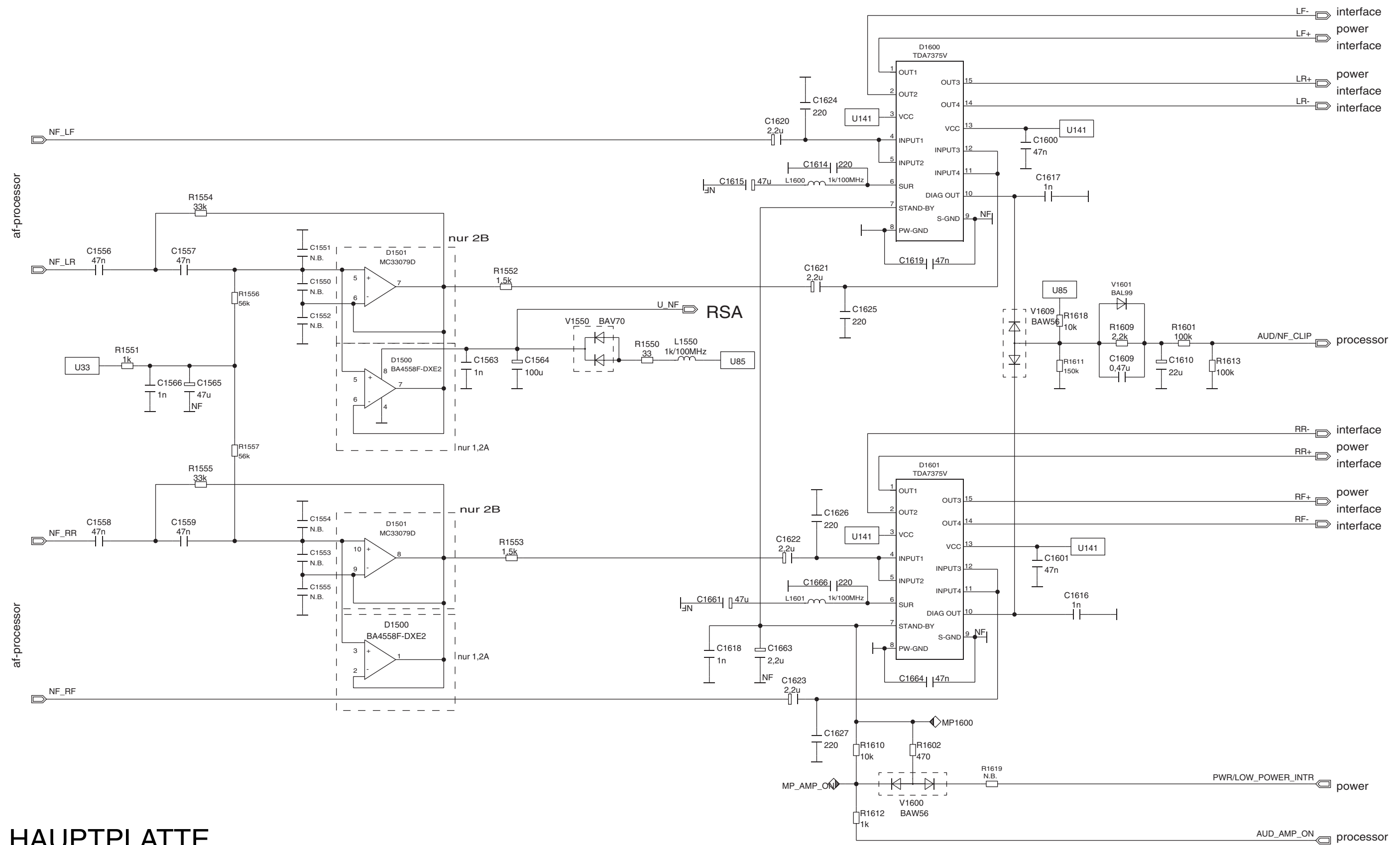
- Capacitors (C):** Numerous capacitors are distributed across the board, ranging from small surface-mount types (e.g., C101, C102, C103) to larger electrolytic units (e.g., C104, C105, C106).
- Resistors (R):** A large number of resistors are used for signal conditioning and biasing, labeled with values such as R101, R102, R103, etc.
- Inductors (L):** Several inductors are present, likely for filtering or impedance matching, labeled L101 through L815.
- Integrated Circuits (ICs):** Key ICs include the CPU (labeled X800), memory modules (V1800), and various support chips (DM2, etc.).
- Connectors:** External interfaces are provided via connectors labeled PK7, PK8, PK9, PK10, PK11, PK12, PK13, PK14, PK15, PK16, PK17, PK18, PK19, PK20, PK21, PK22, PK23, PK24, PK25, PK26, PK27, PK28, PK29, PK30, PK31, PK32, PK33, PK34, PK35, PK36, PK37, PK38, PK39, PK40, PK41, PK42, PK43, PK44, PK45, PK46, PK47, PK48, PK49, PK50, PK51, PK52, PK53, PK54, PK55, PK56, PK57, PK58, PK59, PK60, PK61, PK62, PK63, PK64, PK65, PK66, PK67, PK68, PK69, PK70, PK71, PK72, PK73, PK74, PK75, PK76, PK77, PK78, PK79, PK80, PK81, PK82, PK83, PK84, PK85, PK86, PK87, PK88, PK89, PK90, PK91, PK92, PK93, PK94, PK95, PK96, PK97, PK98, PK99, PK100.

The layout shows a complex network of traces connecting these components, ensuring reliable electrical connectivity throughout the system.

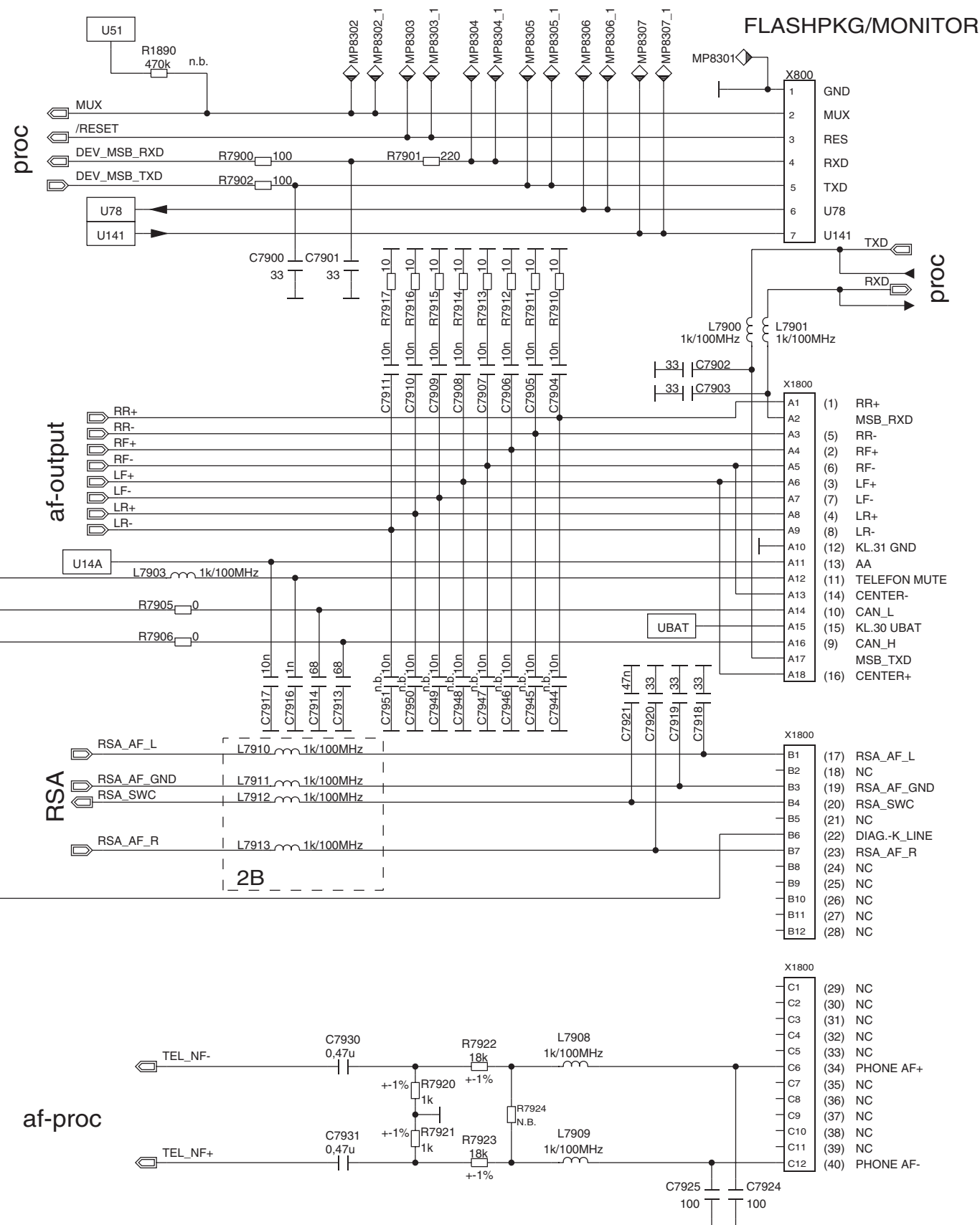
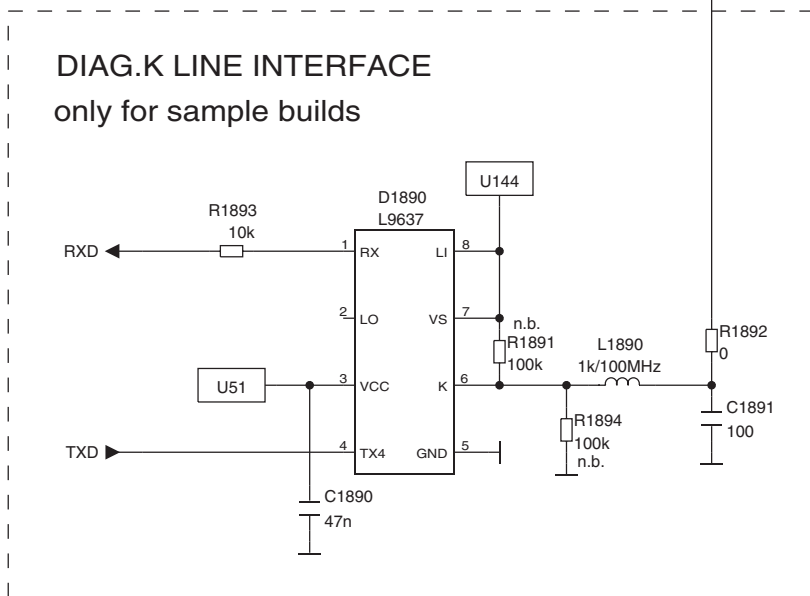
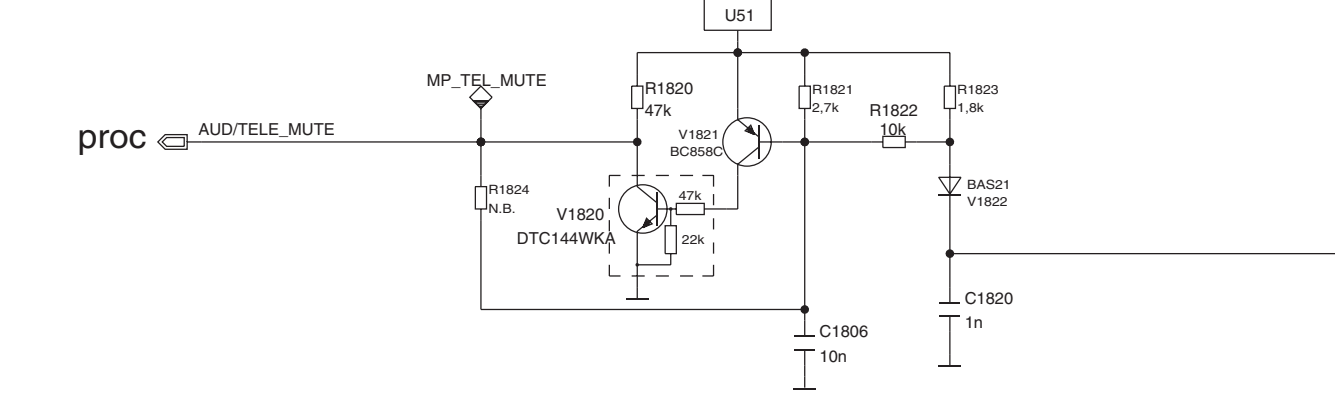
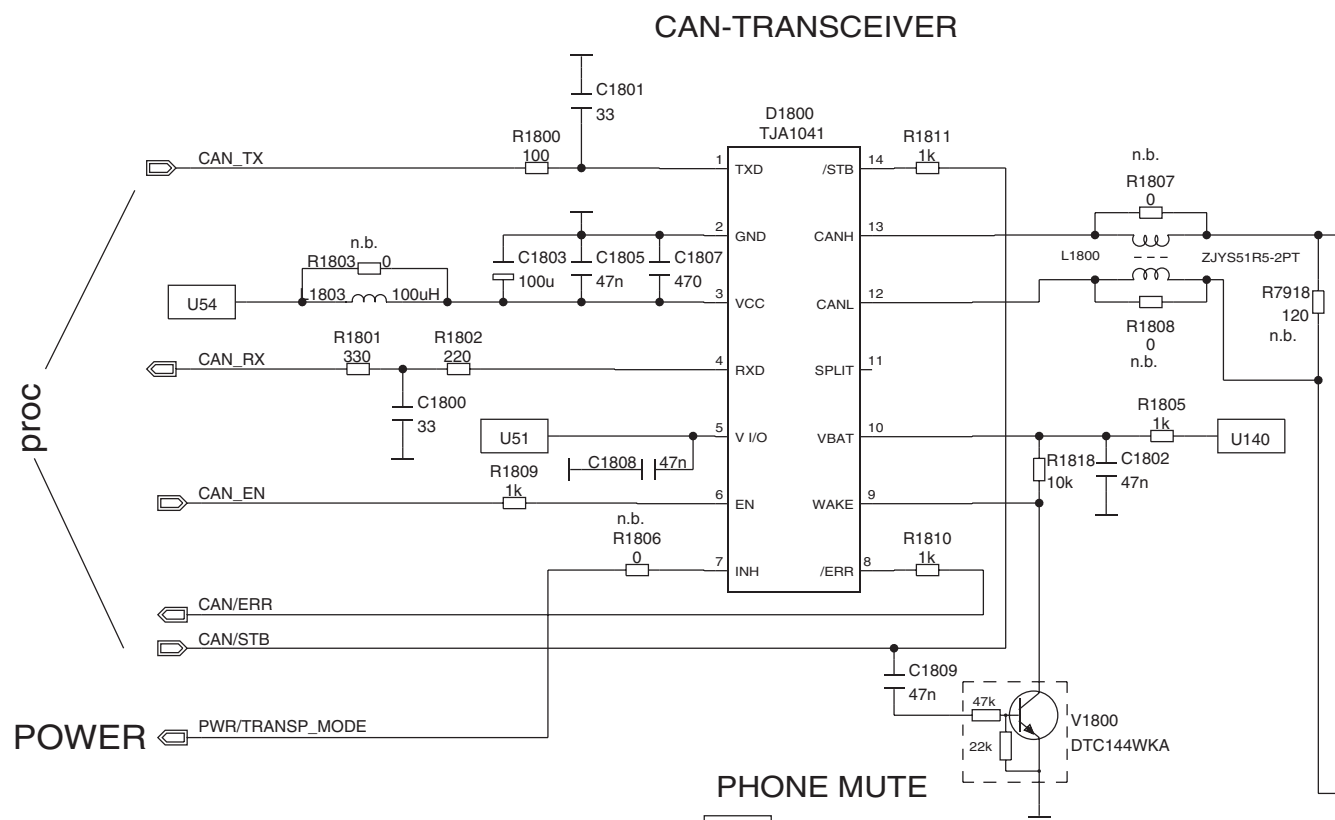
PL 7704 D02







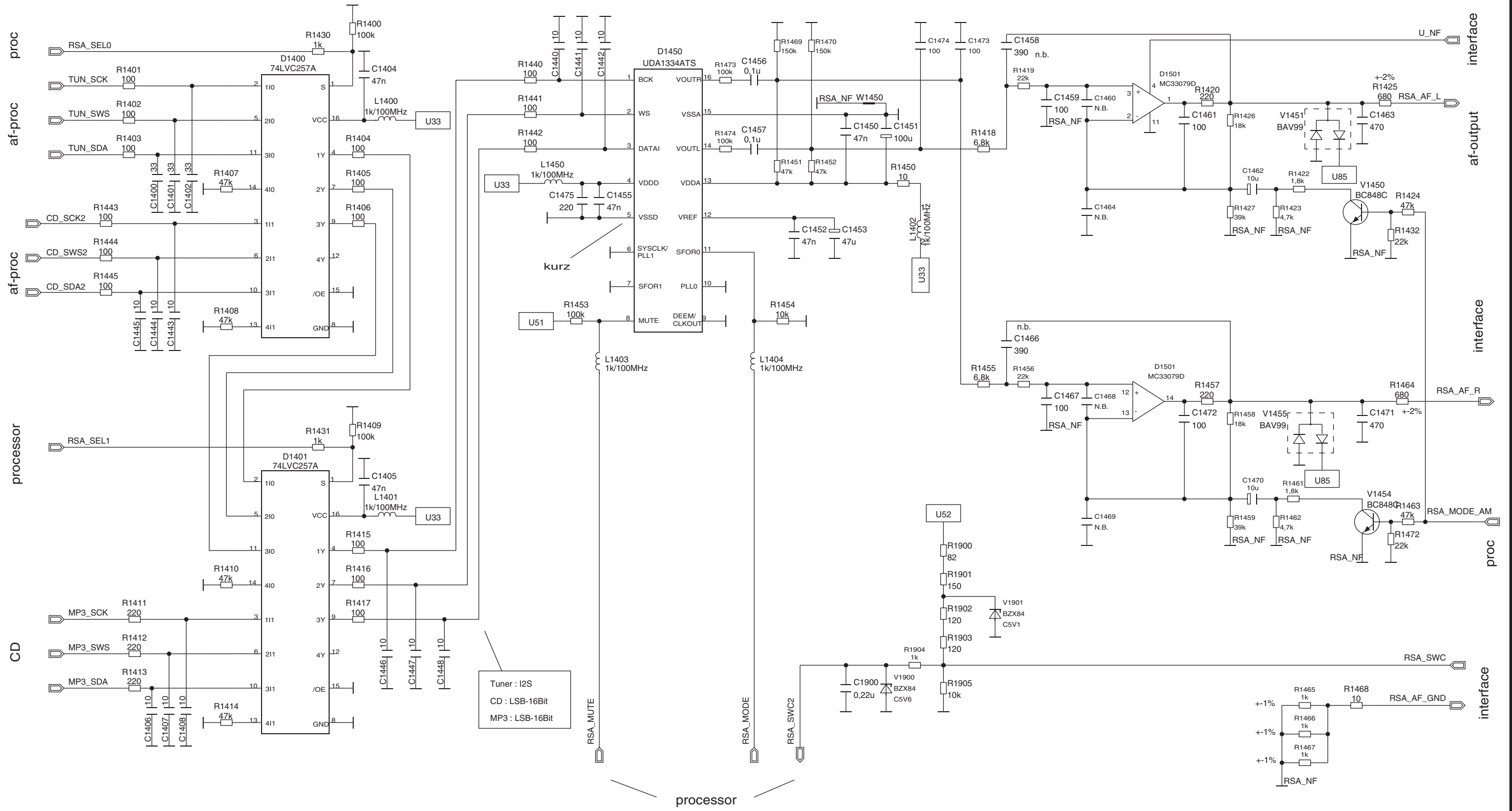
HAUPTPLATTE
MAIN BOARD
Endstufe
AF output



HAUPTPLATTE
MAIN BOARD
Interface

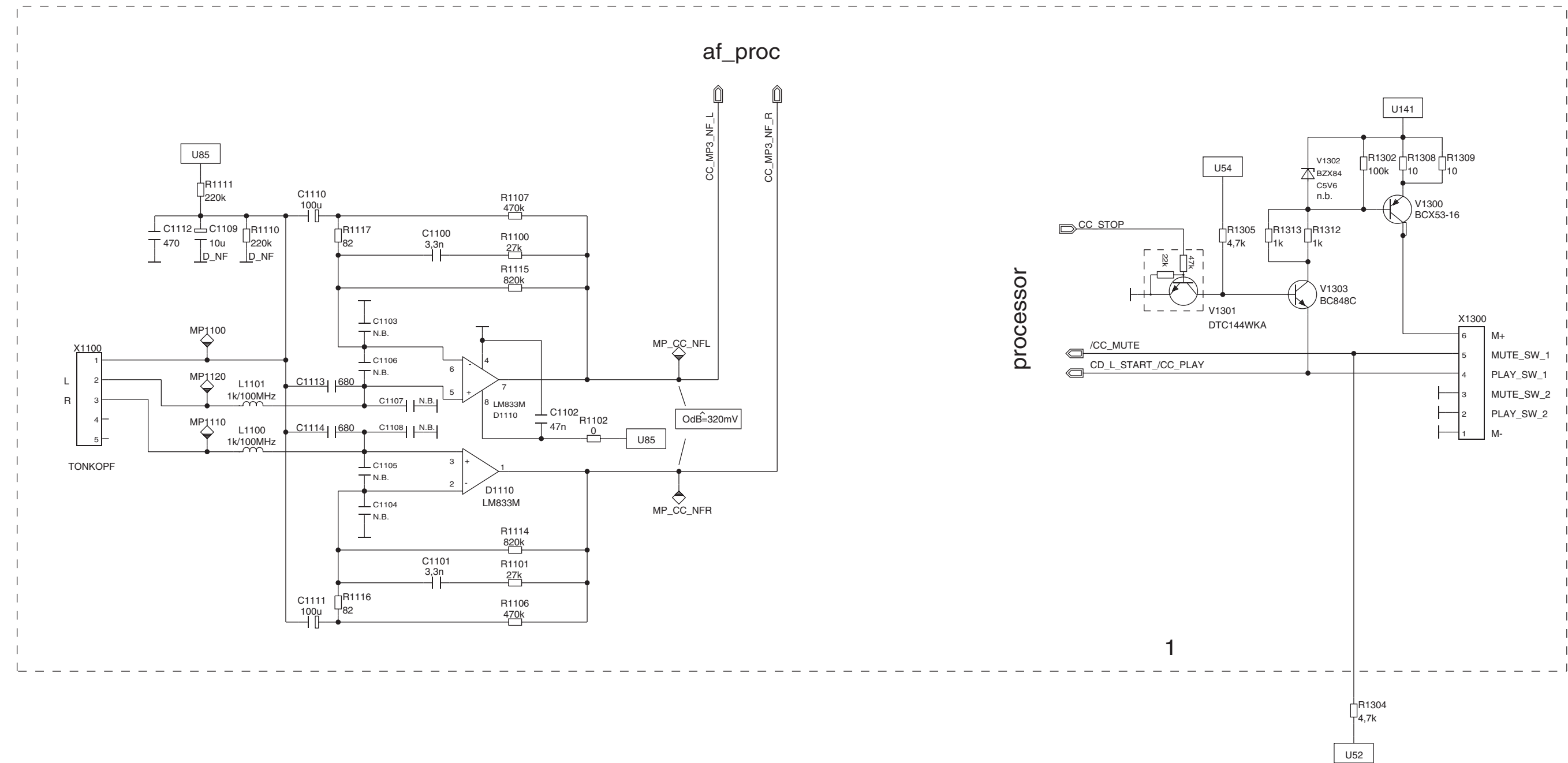


PL 7704 D02

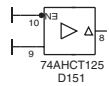


HAUPTPLATTE
MAIN BOARD
RSA

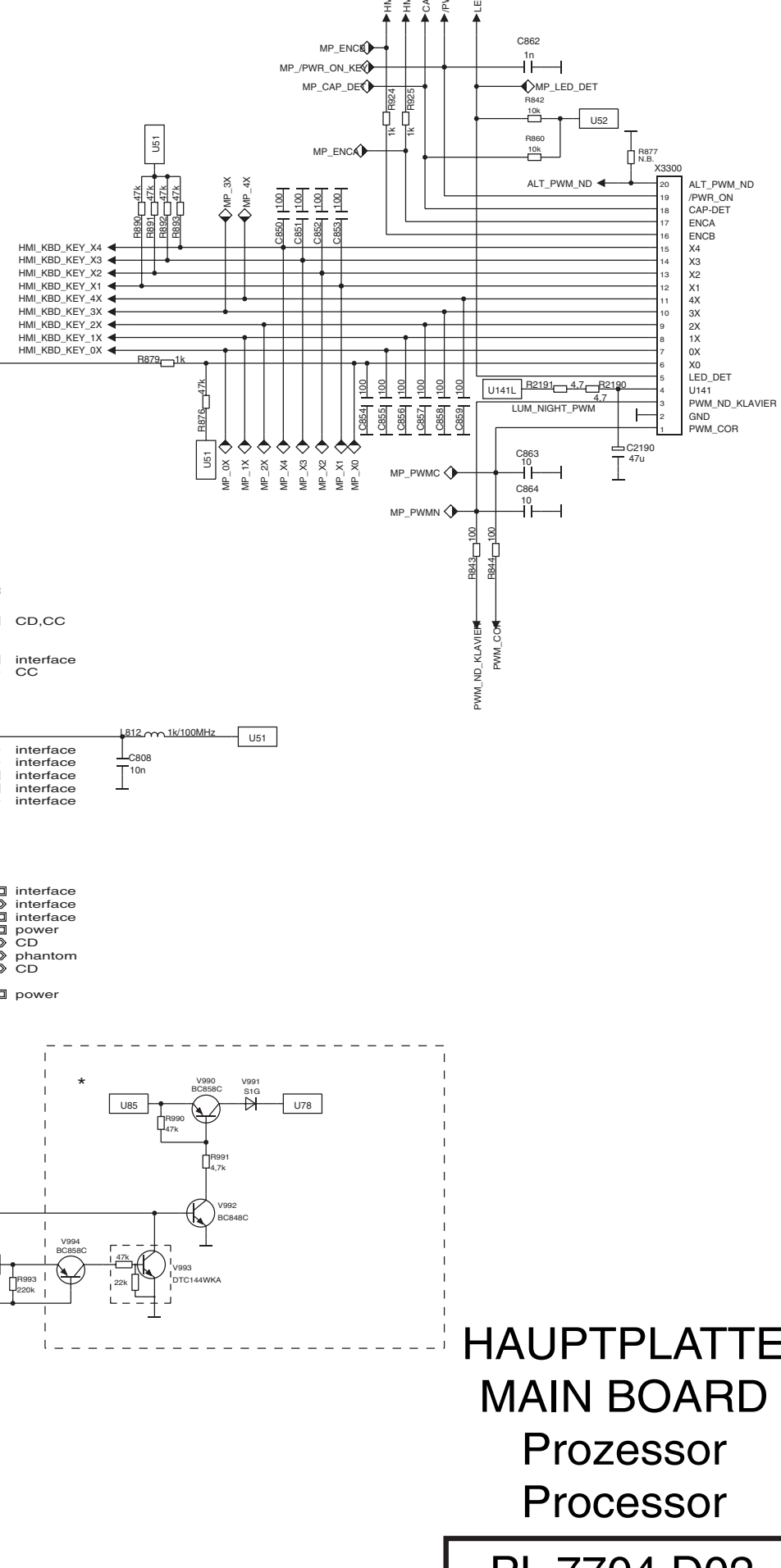
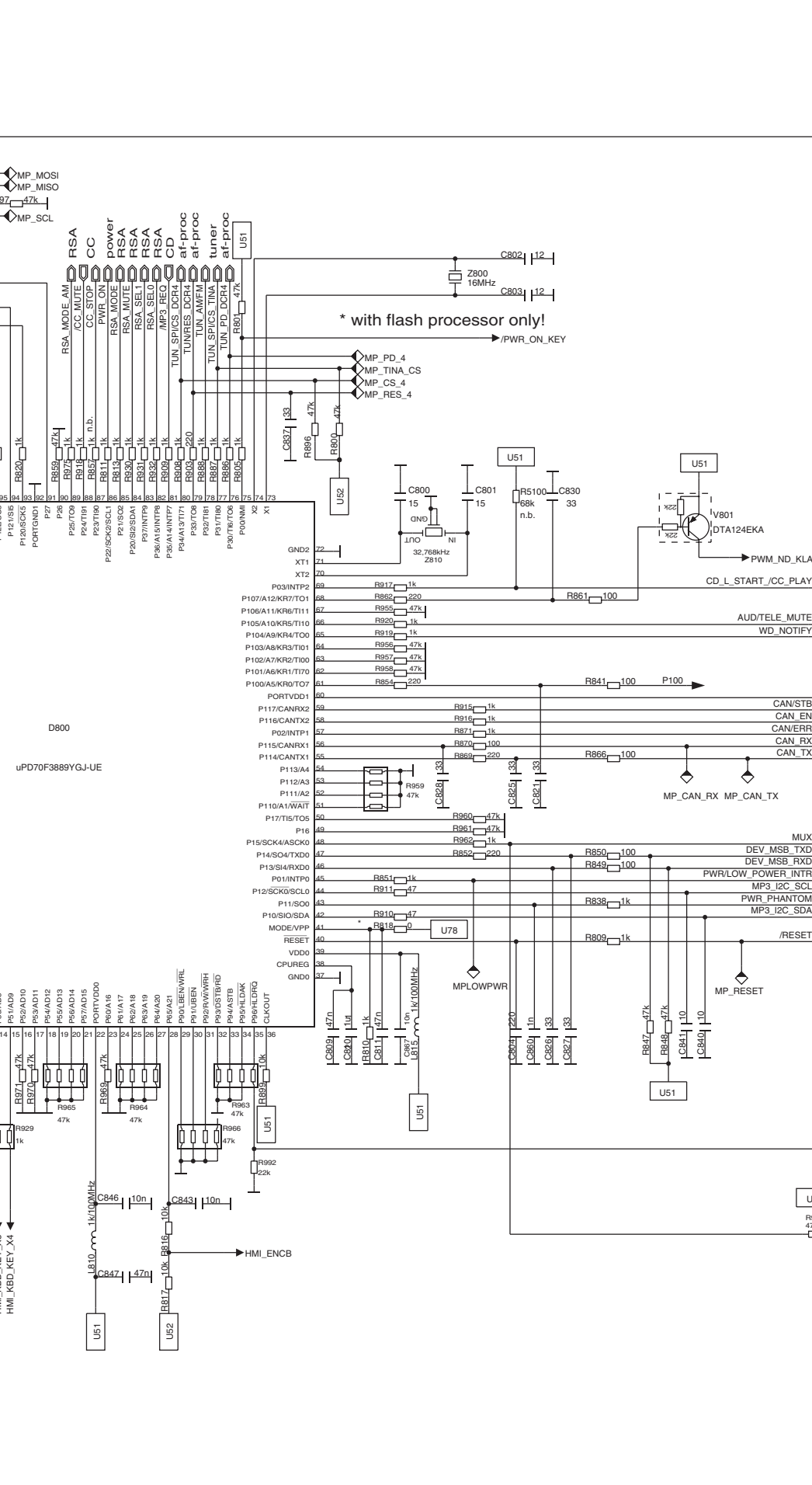
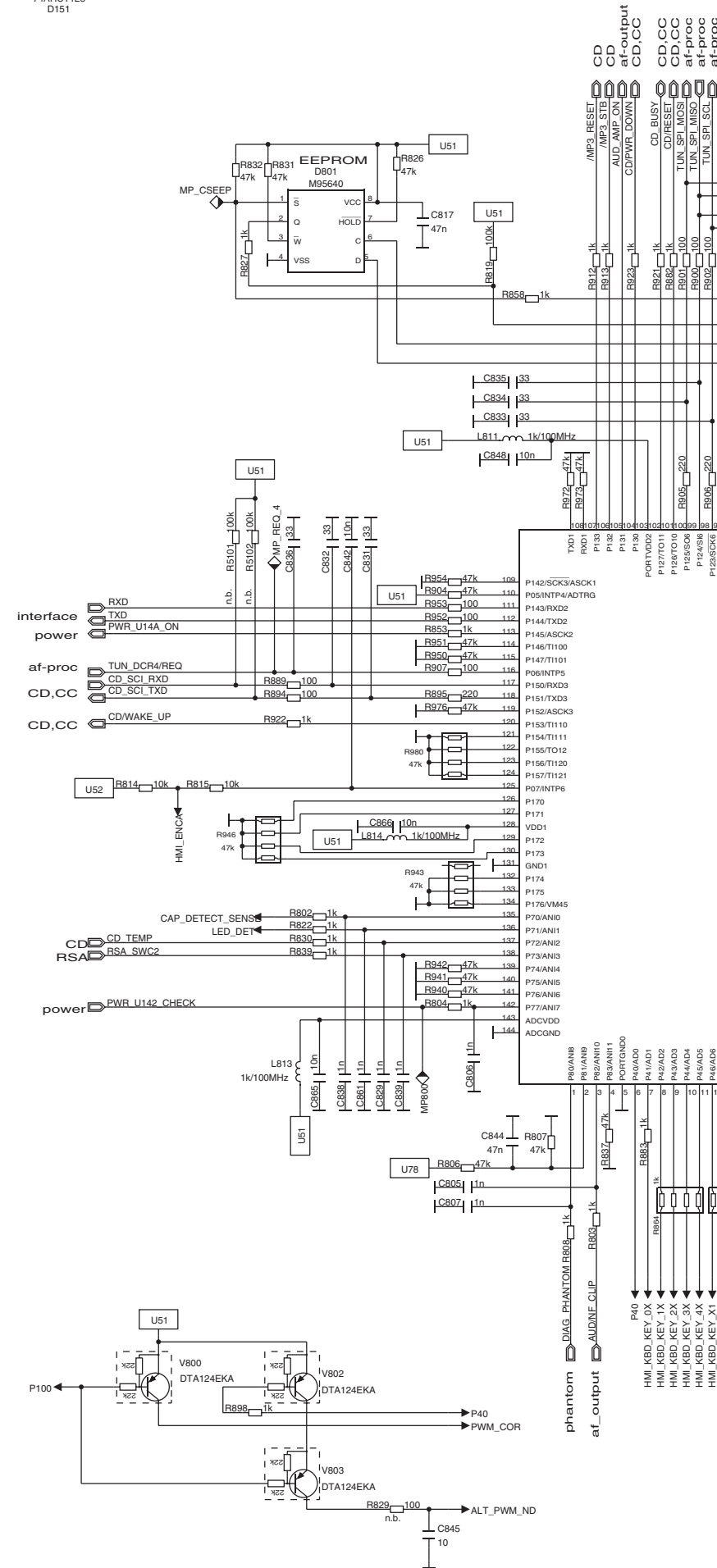
PL 7704 D02



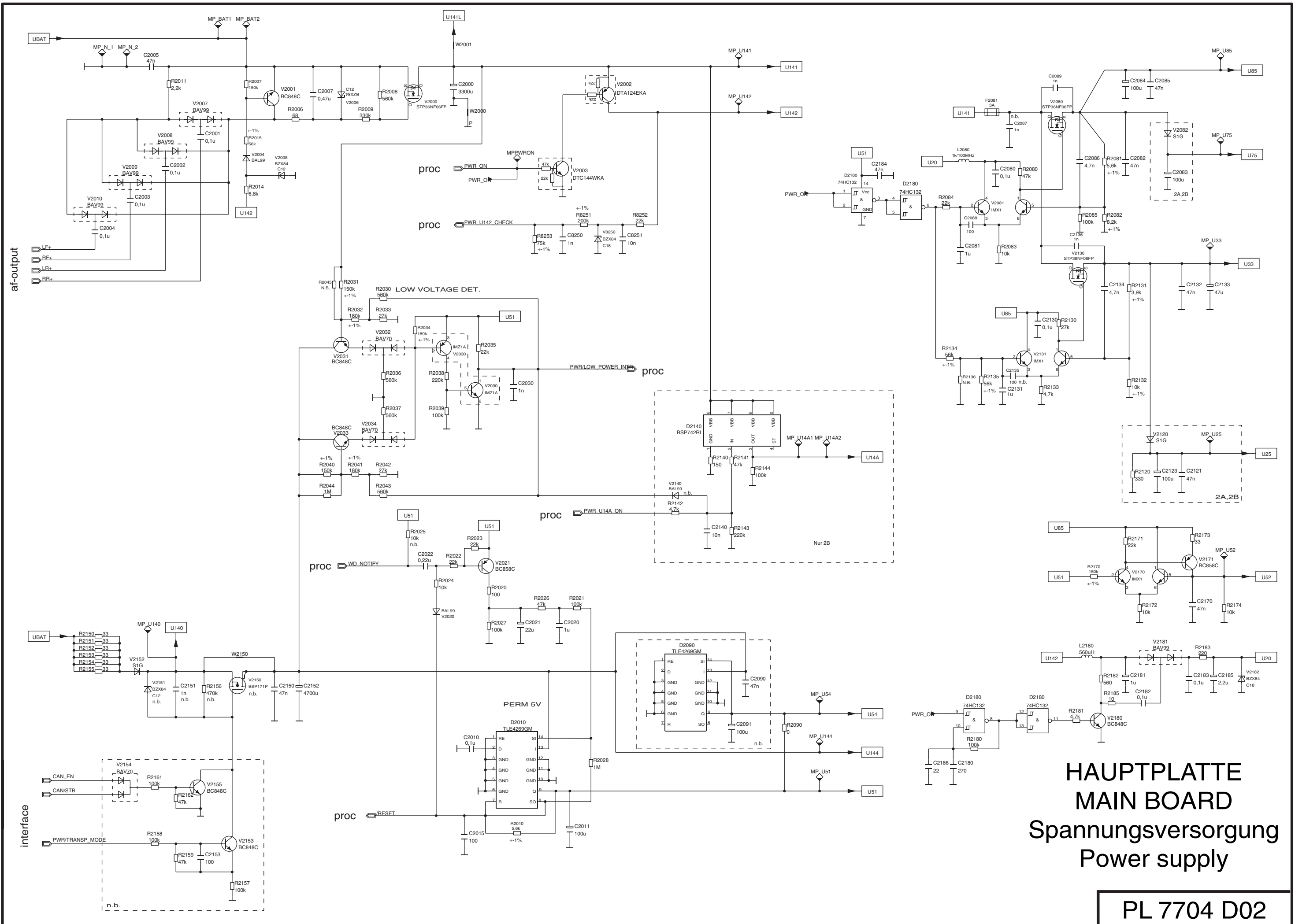
HAUPTPLATTE
MAIN BOARD
CC- Mechanism

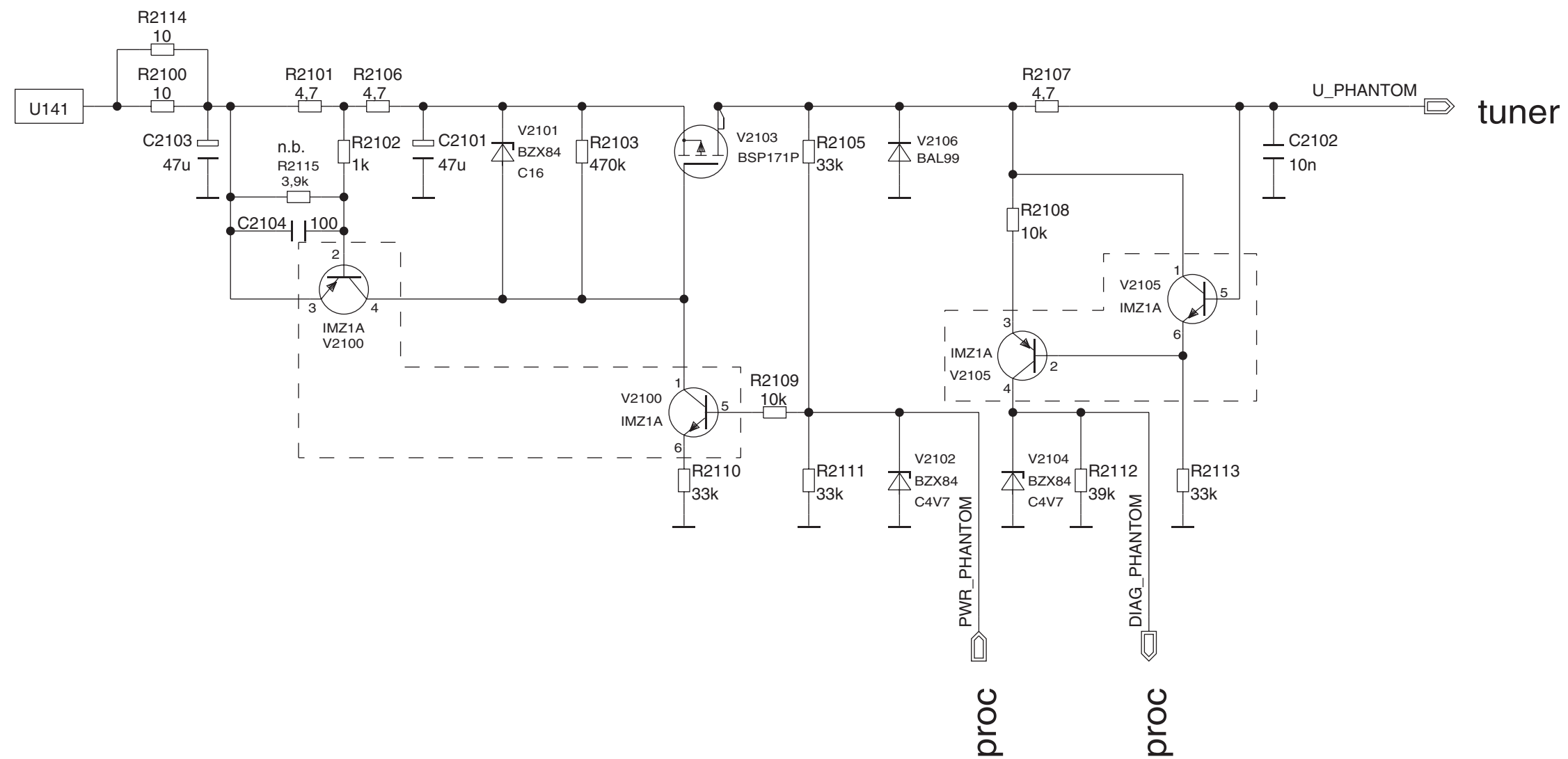


74AHCT125
D151



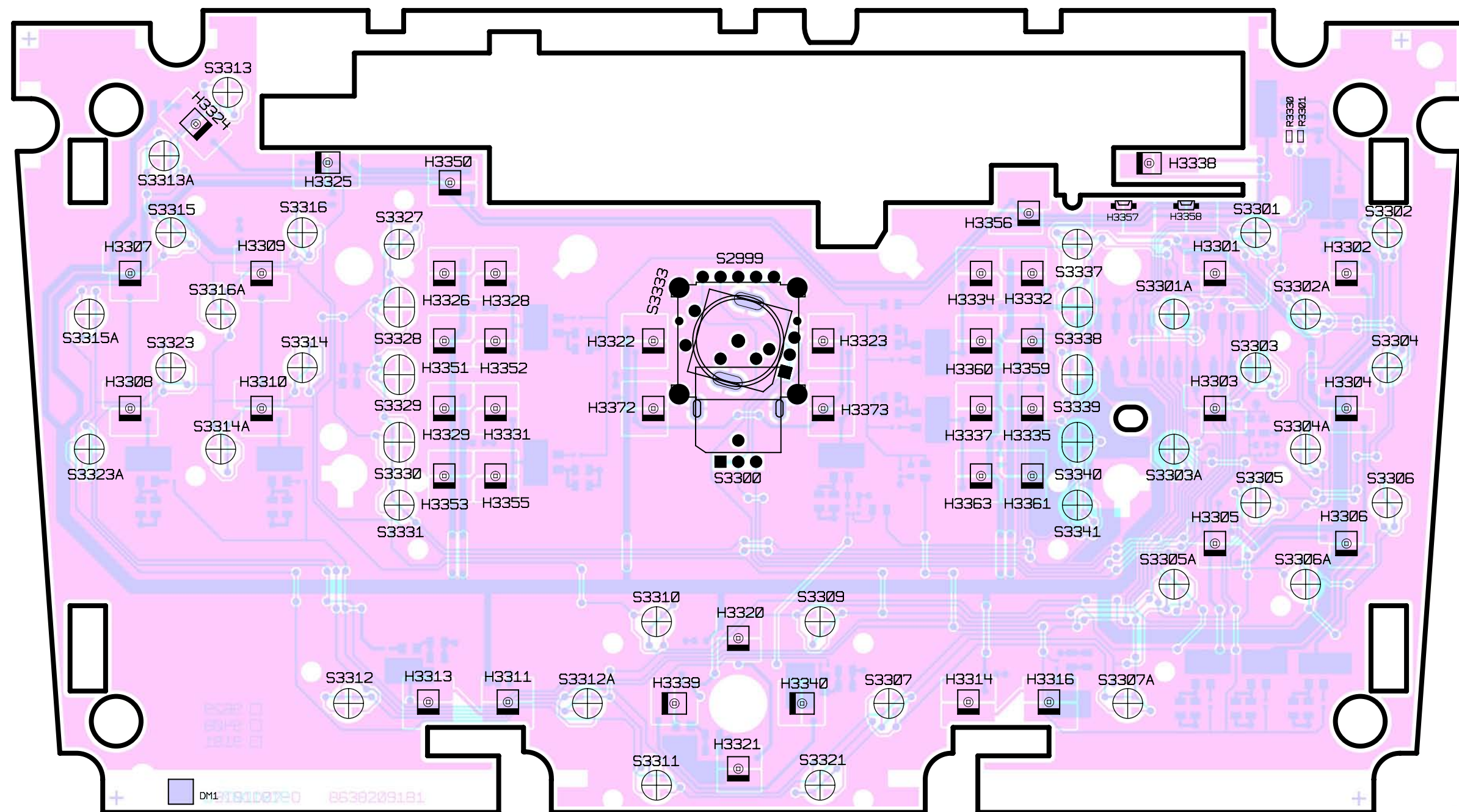
HAUPTPLATTE
MAIN BOARD
Prozessor
Processor
PL 7704 D02



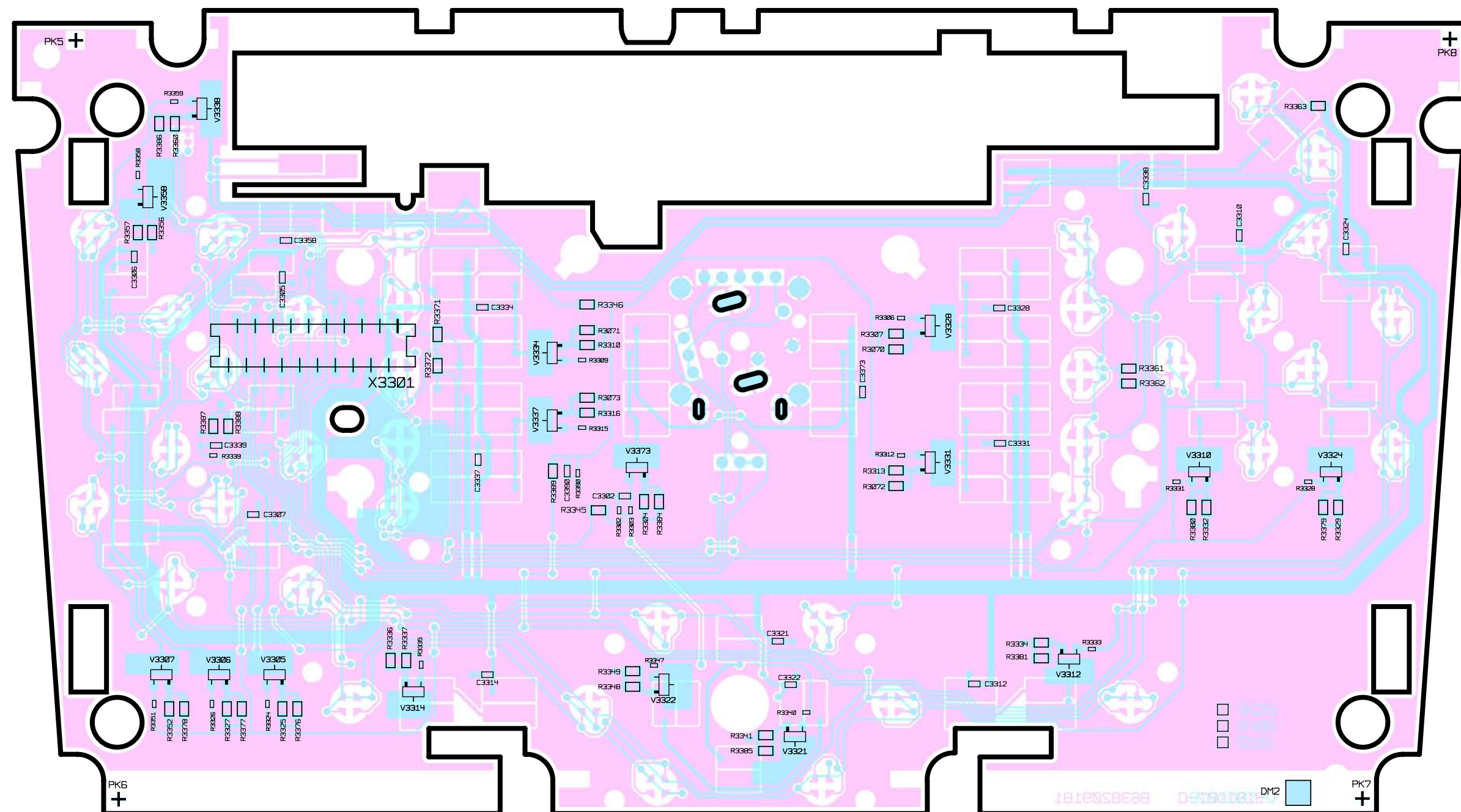


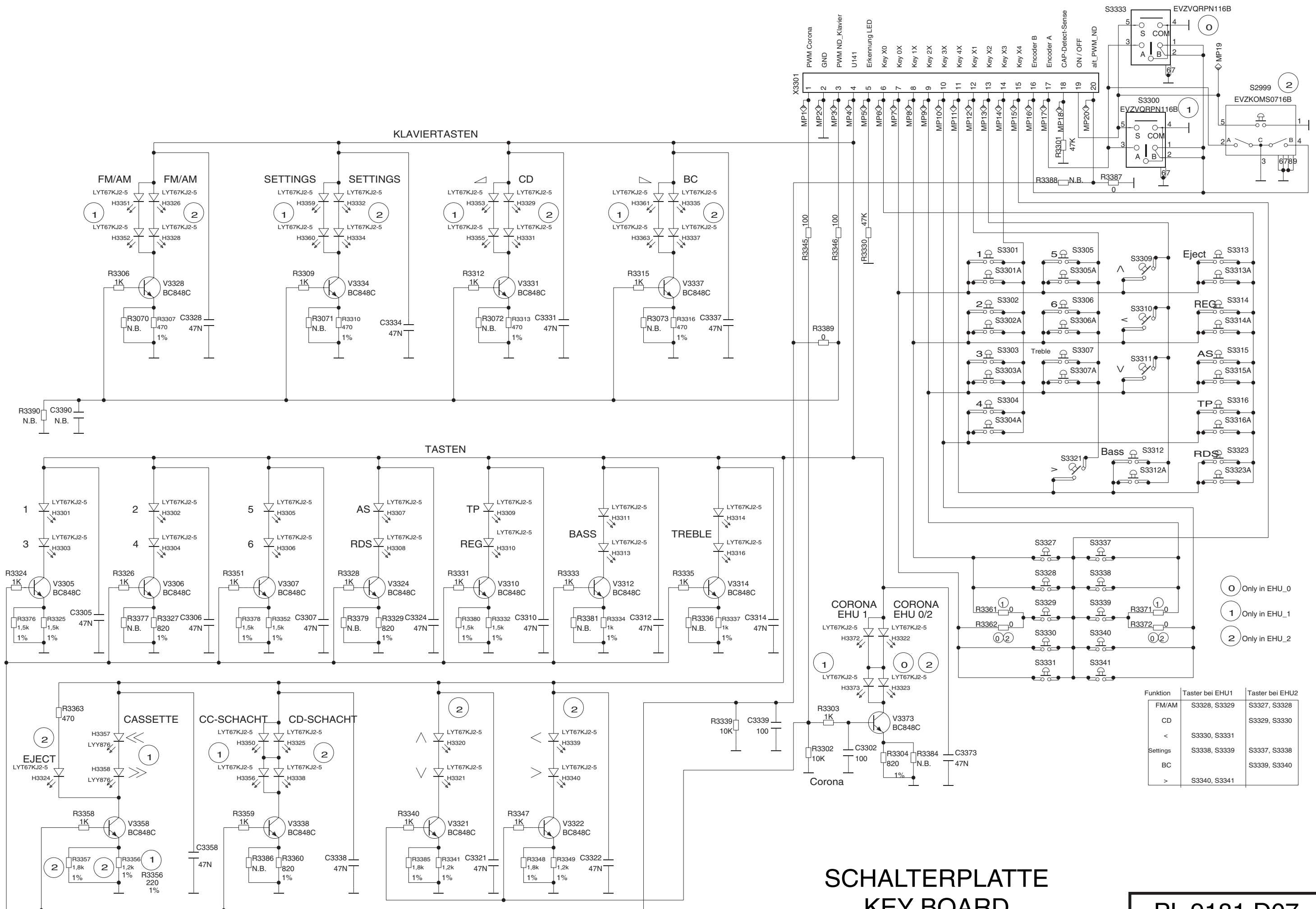
HAUPTPLATTE
MAIN BOARD
Phantom-Feeding

PL 7704 D02



Schalterplatte
Key board
PL 8 638 219 181 D07
Chip

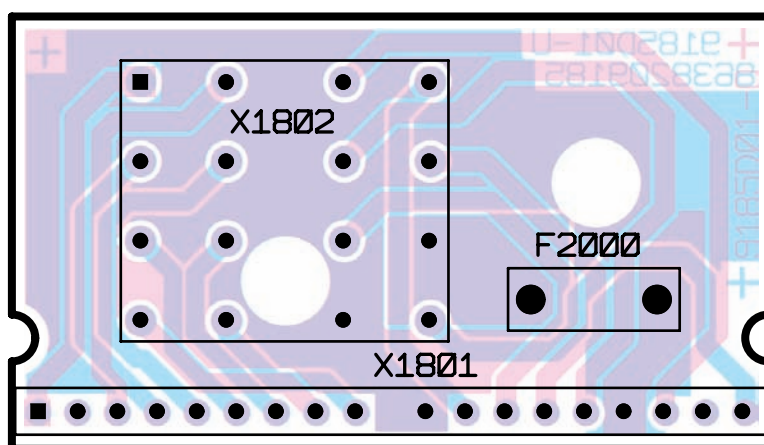




SCHALTERPLATTE KEY BOARD

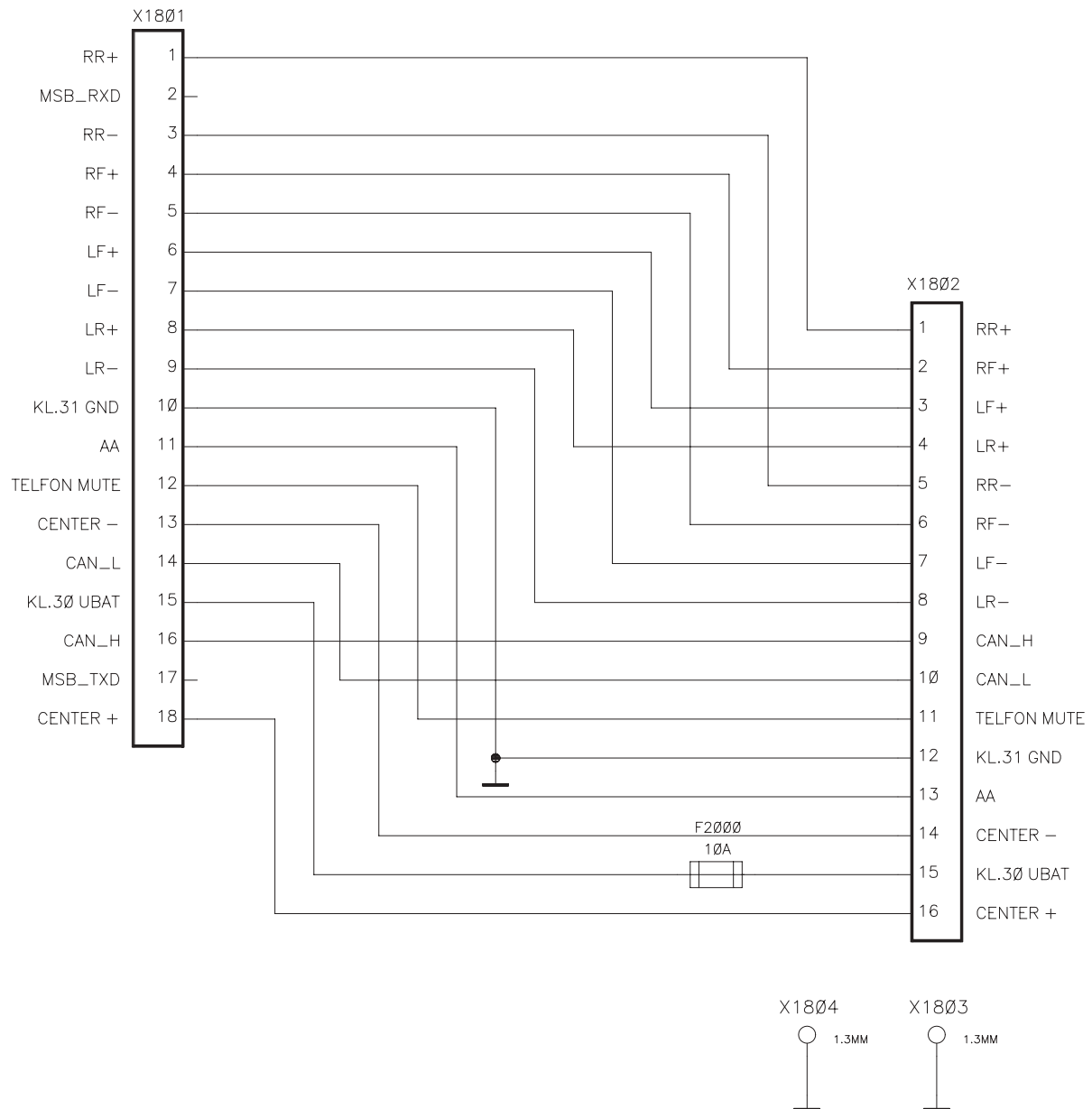
PL 9181 D07

Anschlussplatte
Connector board
PL 8 638 229 185 D01



zur Hauptplatte

FAKRA-Anschlusskasten



PL 9185 D01

ANSCHLUSSPLATTE
CONNECTOR BOARD