

**● BLAUPUNKT**

**Autoradio  
Car Radio**

**Santa Cruz MP36  
7 646 070 310**

CM-AS/SCS1 BE-ST 03/06

**Schaltbild • Circuit diagram**

**CLASS 1  
LASER PRODUCT**



**UNSICHTBARE LASERSTRAHLUNG  
NICHT DEM STRAHL AUSSETZEN**

**(D) VORSICHT!**

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

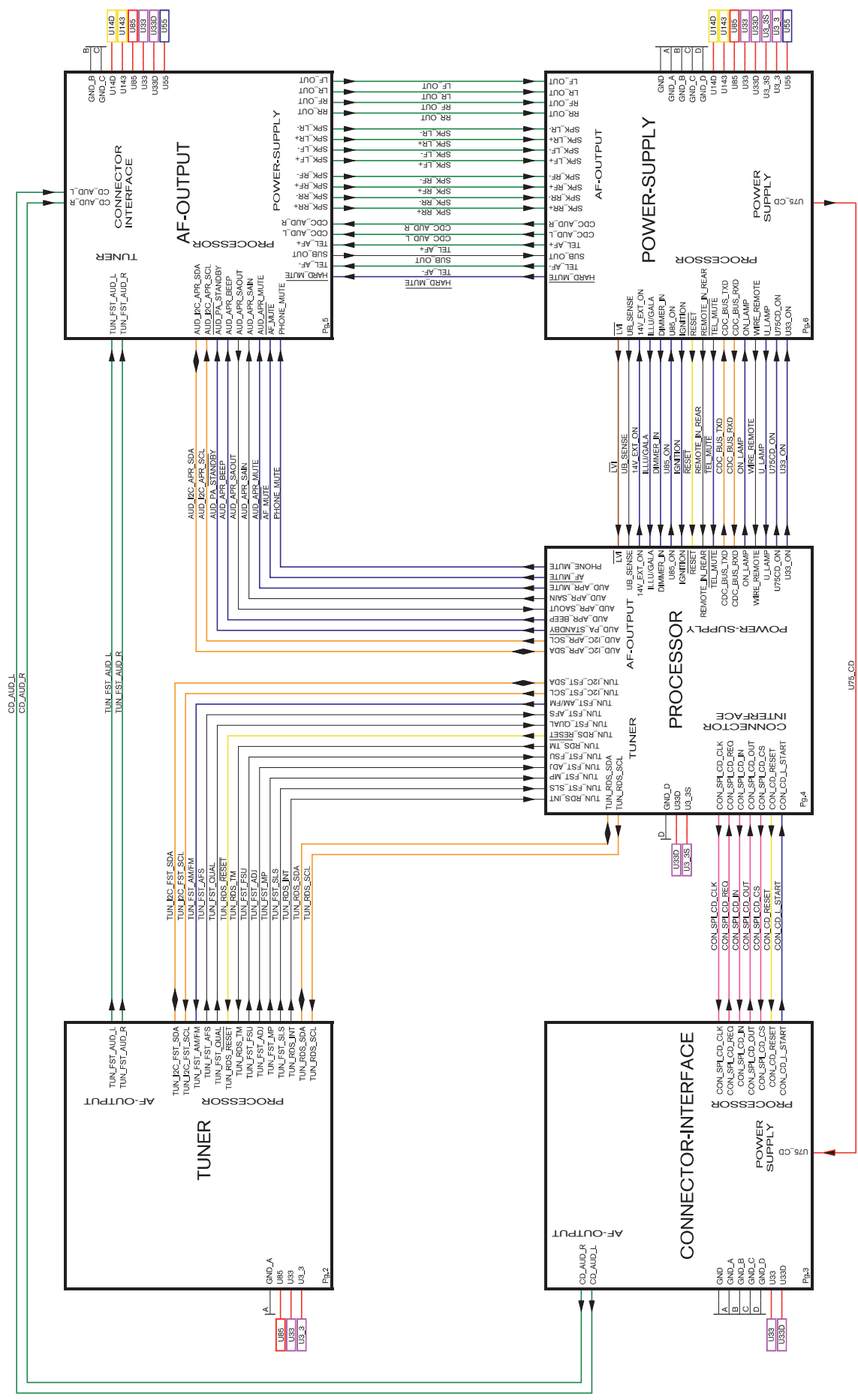
- Das Gerät arbeitet mit unsichtbarem Laserstrahl.
- Bei geöffnetem Gerät tritt im Bereich des Plattenfaches Laserstrahlung aus.
- Nicht in den Strahl blicken.
- Unbeteiligte Personen vom Arbeitsplatz fernhalten.
- Der Betrachtungsabstand darf 13 cm nicht unterschreiten.
- Kann dies nicht eingehalten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

**(GB) CAUTION!**

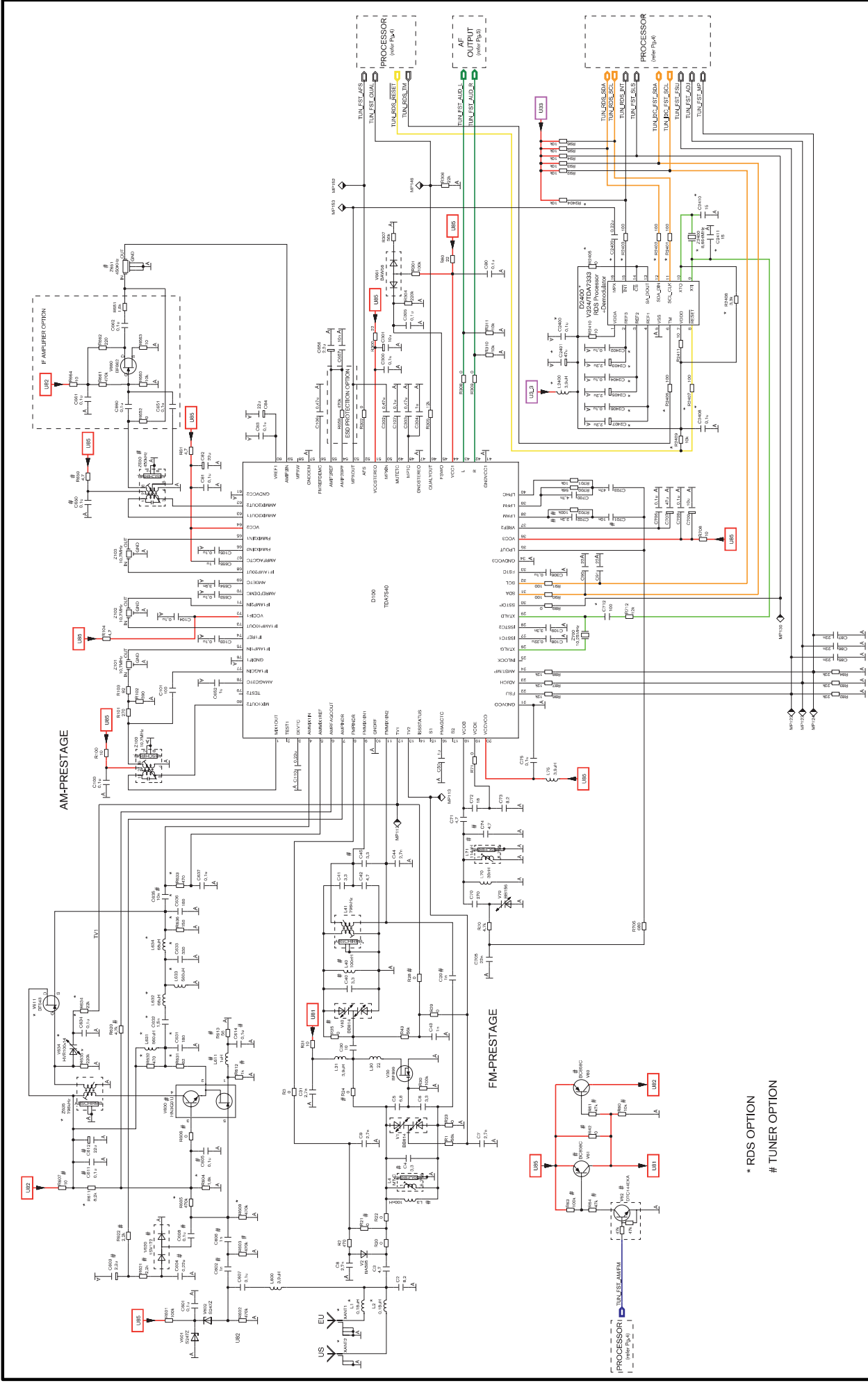
**The CD units are equipped with a laser component!  
For servicing make sure to observe the following  
instructions:**

- 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  
 Blockschaltbild  
 Block diagram



# HAUPTPLATTE MAIN BOARD Tuner

PL 1889 D03

\* RDS OPTION  
# TUNER OPTION

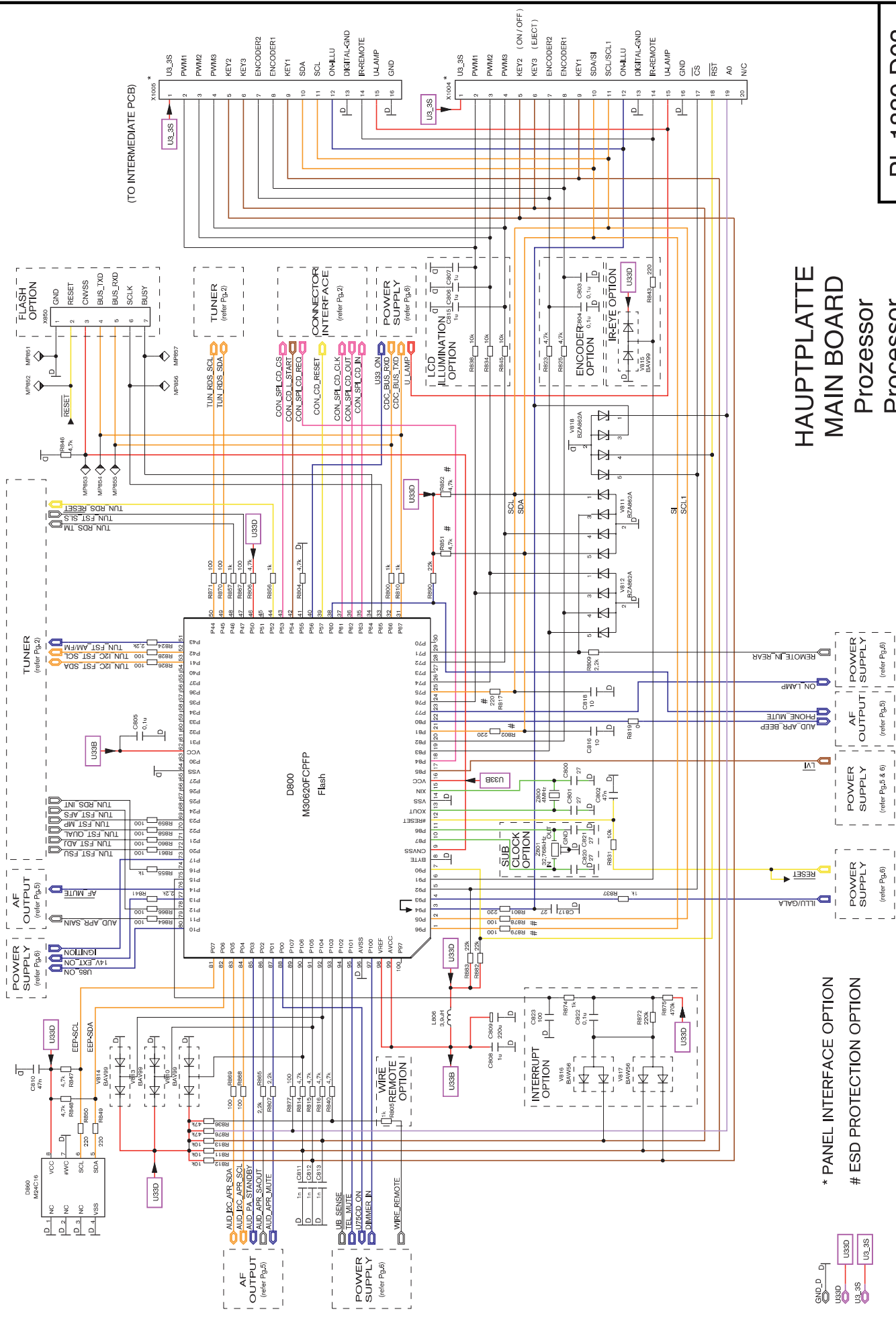
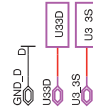




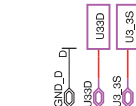
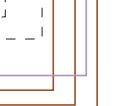
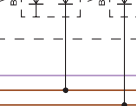
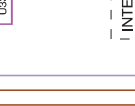
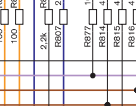
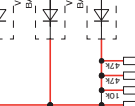
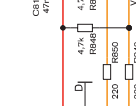
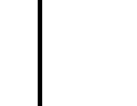
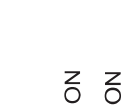
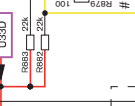
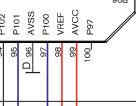
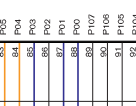
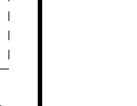
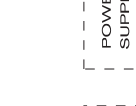
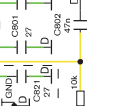
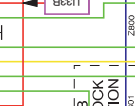
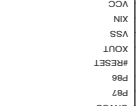
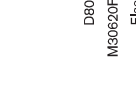
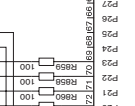
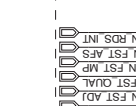
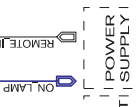
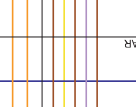
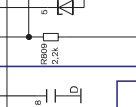
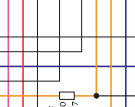
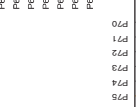
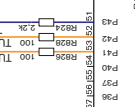
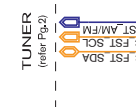
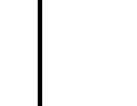
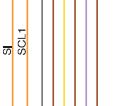
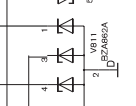
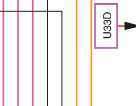
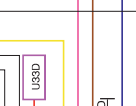
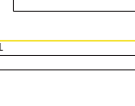
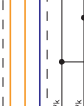
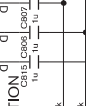
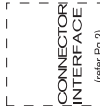
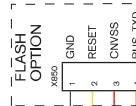
# HAUPTPLATTE MAIN BOARD Processor

PL 1889 D03

\* PANEL INTERFACE OPTION  
# ESD PROTECTION OPTION



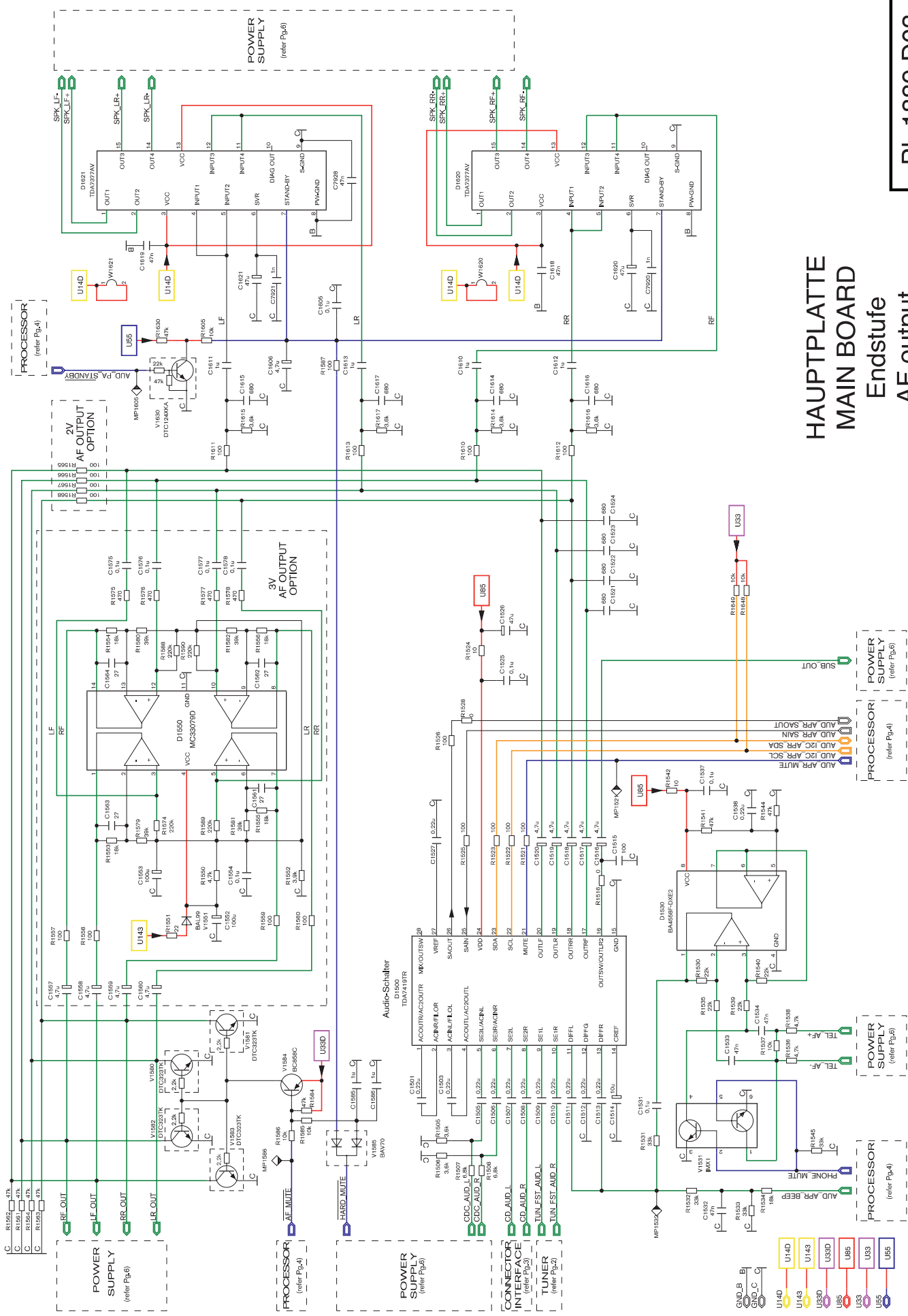
(TO INTERMEDIATE PCB)



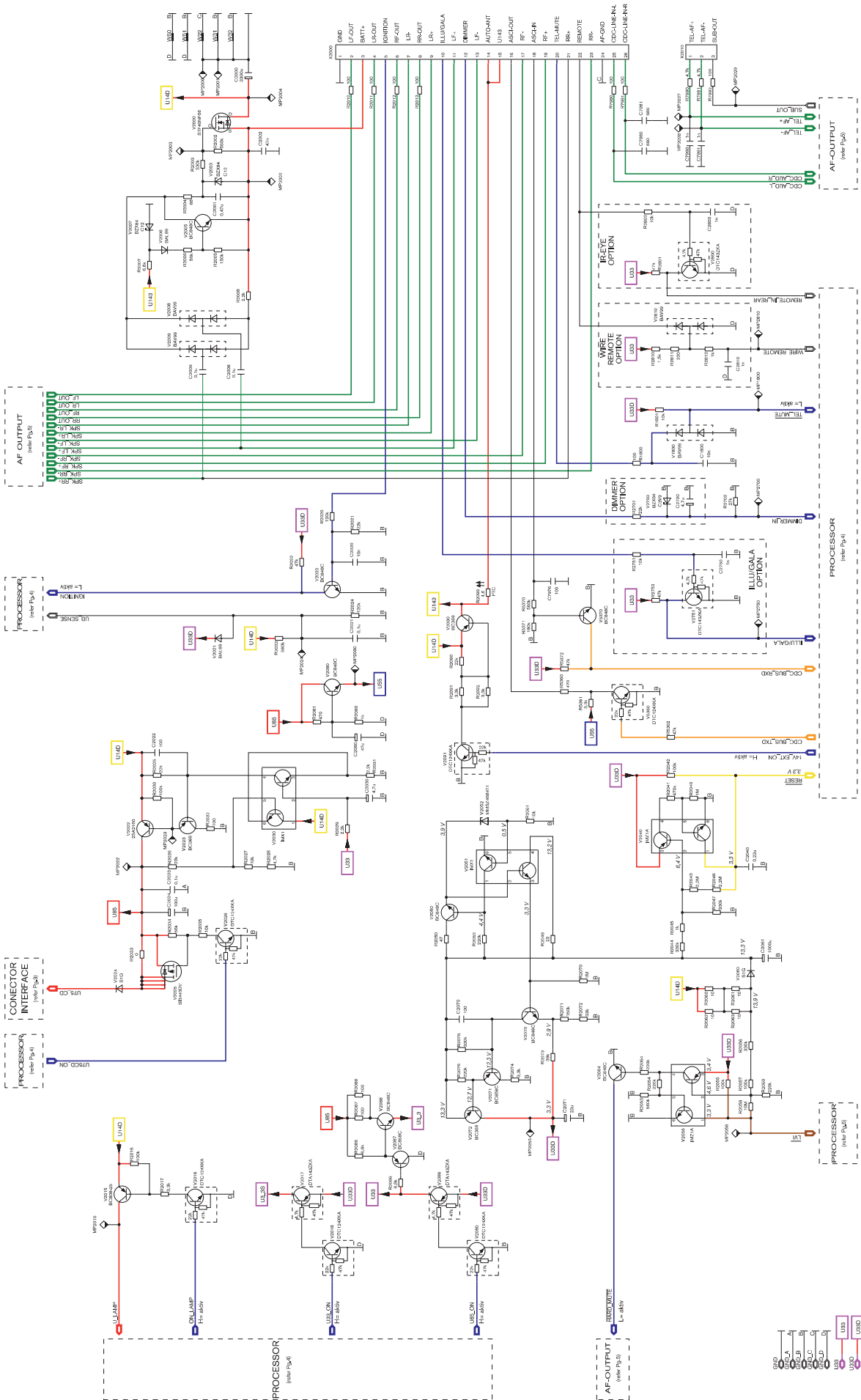
# HAUPTPLATTE MAIN BOARD

## Endstufe AF output

PL 1889 D03



PL 1889 D03

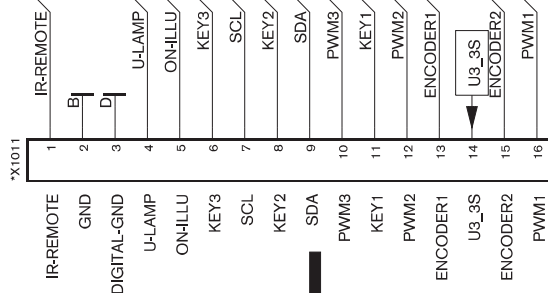
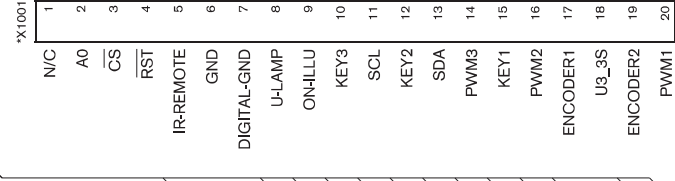
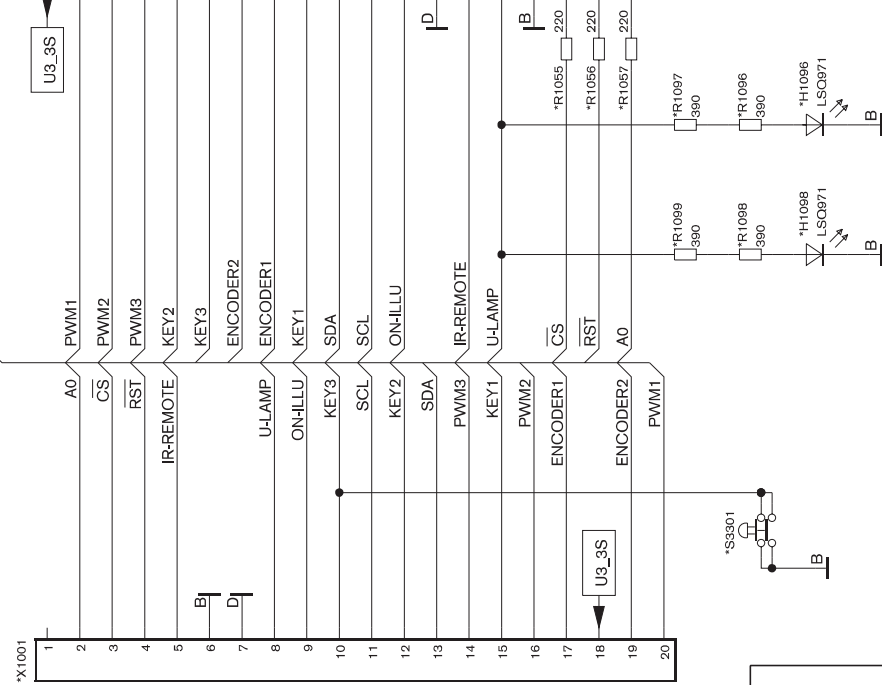
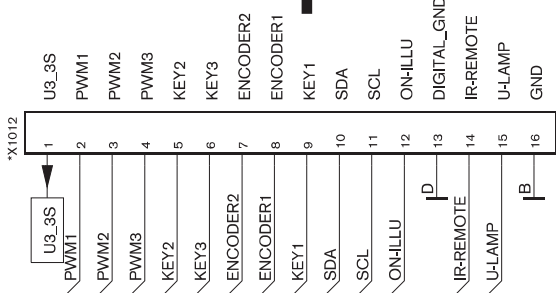


# HAUPTPLATTE MAIN BOARD Spannungsversorgung Power supply





CONNECT TO MAIN PCB



CONNECT TO FRONT PCB

INSERTION TABLE

FEATURES	ENTRY 1 & 2				ENTRY 2a & 3		ENTRY 4	
	7 646 160 310	7 646 070 310	7 646 480 310	7 646 170 310	7 646 080 310	7 646 490 310	7 646 090 310	7 646 450 310
R1055	-	-	-	-	-	-	-	-
R1056	-	-	-	-	-	-	-	-
R1057	-	-	-	-	-	-	-	-
R1096	-	-	-	-	X	X	X	X
R1097	-	-	-	-	X	X	X	X
R1098	-	-	-	-	X	X	X	X
R1099	-	-	-	-	X	X	X	X
H1096	-	-	-	-	X	X	X	X
H1098	-	-	-	-	X	X	X	X
S3331	-	-	-	-	X	X	X	X
X1001	-	-	-	-	-	-	-	-
X1002	-	-	-	-	-	-	-	-
X1011	X	X	X	X	X	X	X	X
X1012	X	X	X	X	X	X	X	X

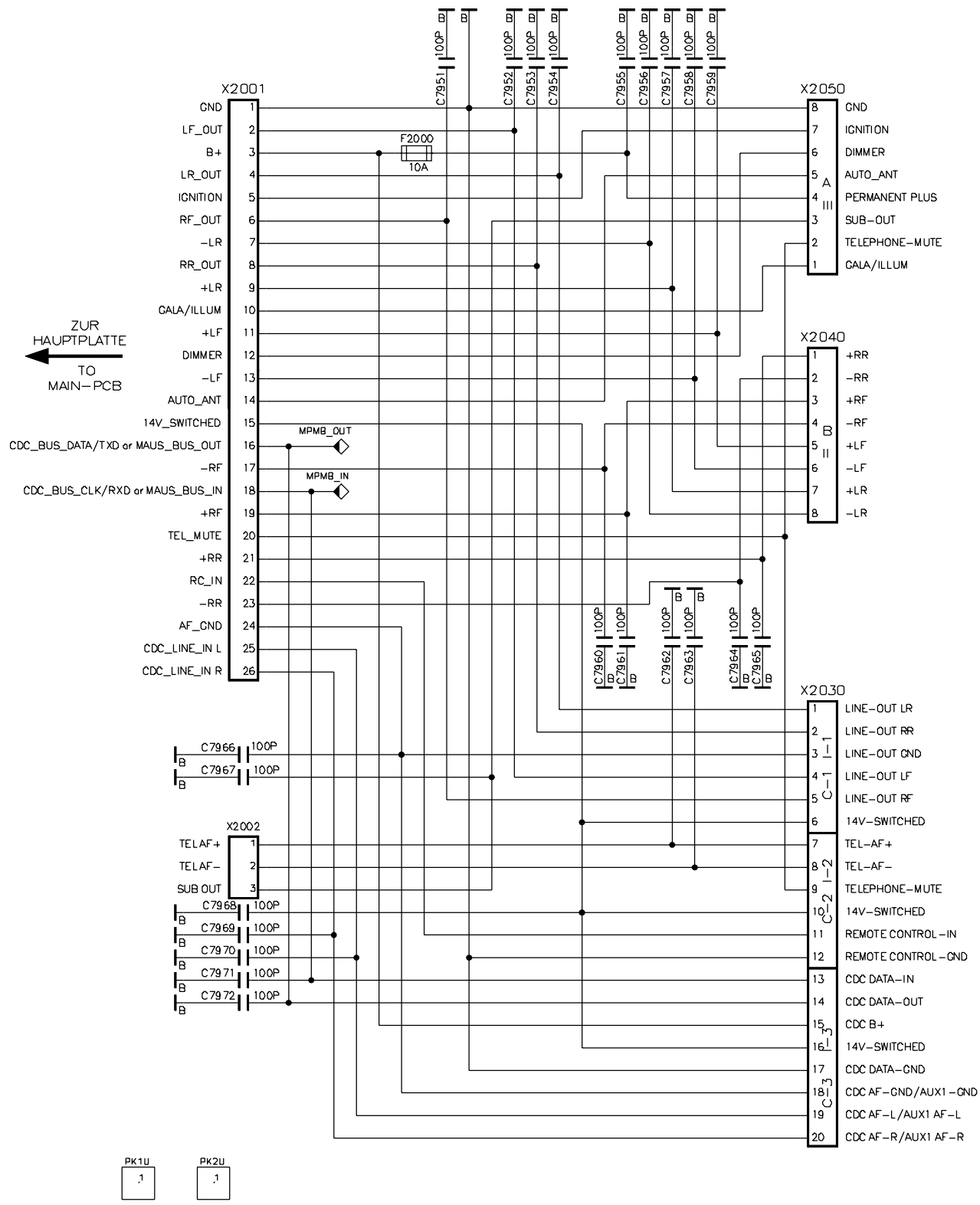


\*\*\* = Refer to Insertion Table

"X" = INSERTED  
"-" = NOT INSERTED

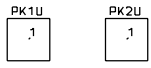
ZWISCHENPLATTE  
INTERMEDIATE BOARD

PL 1915 D02



ZUR  
HAUPTPLATTE  
←  
TO  
MAIN-PCB

Connector	Pin	Signal Name
X2001	1	GND
	2	LF_OUT
	3	B+
	4	LR_OUT
	5	IGNITION
	6	RF_OUT
	7	-LR
	8	RR_OUT
	9	+LR
	10	GALA/ILLUM
	11	+LF
	12	DIMMER
	13	-LF
	14	AUTO_ANT
	15	14V_SWITCHED
	16	CDC_BUS_DATA/TXD or MAUS_BUS_OUT
	17	-RF
	18	CDC_BUS_CLK/RXD or MAUS_BUS_IN
	19	+RF
	20	TEL_MUTE
	21	+RR
	22	RC_IN
	23	-RR
	24	AF_GND
	25	CDC_LINE_IN L
	26	CDC_LINE_IN R
X2050	8	GND
	7	IGNITION
	6	DIMMER
	5	A AUTO_ANT
	4	III PERMANENT PLUS
	3	SUB-OUT
	2	TELEPHONE-MUTE
	1	GALA/ILLUM
X2040	1	+RR
	2	-RR
	3	+RF
	4	B -RF
	5	II +LF
	6	-LF
	7	+LR
	8	-LR
X2030	1	LINE-OUT LR
	2	LINE-OUT RR
	3	I LINE-OUT GND
	4	C LINE-OUT LF
	5	T LINE-OUT RF
	6	14V-SWITCHED
	7	TEL-AF+
	8	I TEL-AF-
	9	2 TELEPHONE-MUTE
	10	U 14V-SWITCHED
	11	REMOTE CONTROL -IN
	12	REMOTE CONTROL -GND
	13	CDC DATA-IN
	14	CDC DATA-OUT
	15	3 CDC B+
	16	1 14V-SWITCHED
	17	CDC DATA-GND
	18	3 CDC AF-GND/AUX1 -GND
	19	C CDC AF-L/AUX1 AF-L
	20	C CDC AF-R/AUX1 AF-R
X2002	1	TELA F+
	2	TELA F-
	3	SUB OUT
	B	C7968 100P
	B	C7969 100P
	B	C7970 100P
B	C7971 100P	
B	C7972 100P	



# ANSCHLUSSPLATTE CONNECTOR BOARD

PL 9880 D01