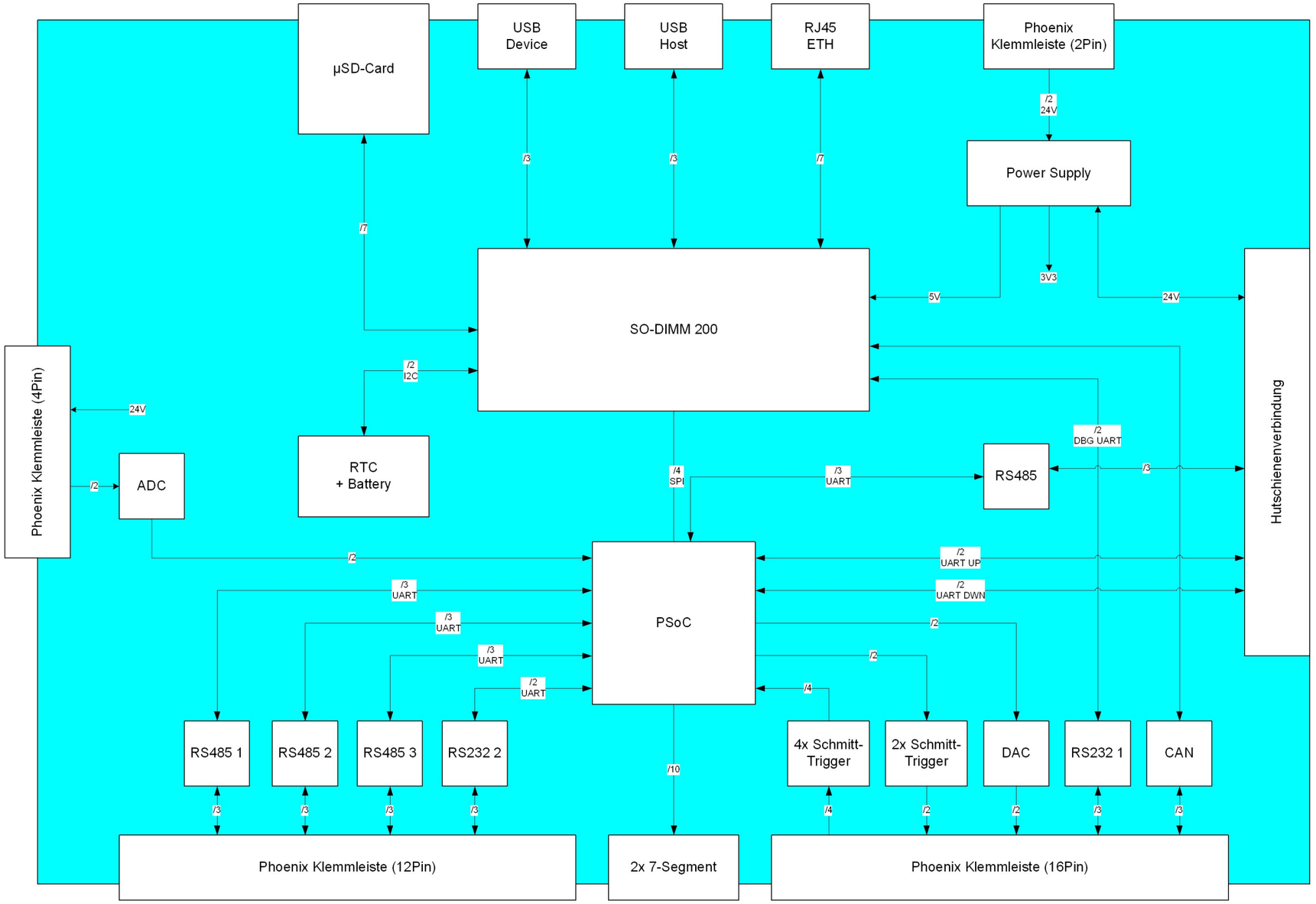

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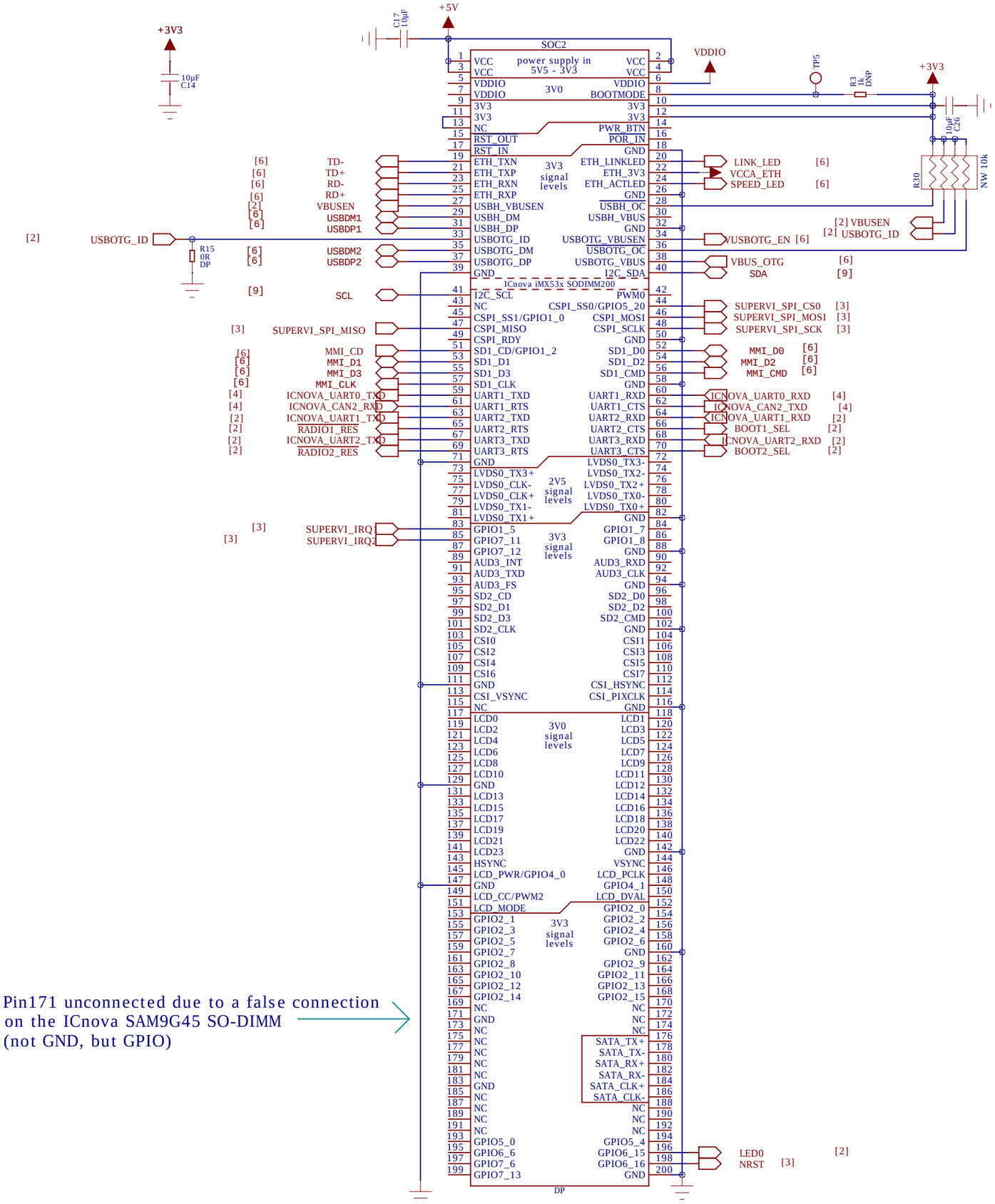
D-01109 Dresden

PROJECT TITLE: 610000169: Din Rail CPU60			
BOARD NO: 625000170B	SHEET TITLE: 1_SYSTEM	SIZE: A3	REV: B
DRAWN: Karsten Stork	DATED: 26.11.2010	RELEASED: -	DATED:
CHECKED: -	DATED: -	LAST SAVED: 17.09.2014	SHEET: 1 OF 10



Pin171 unconnected due to a false connection on the ICnova SAM9G45 SO-DIMM (not GND, but GPIO)

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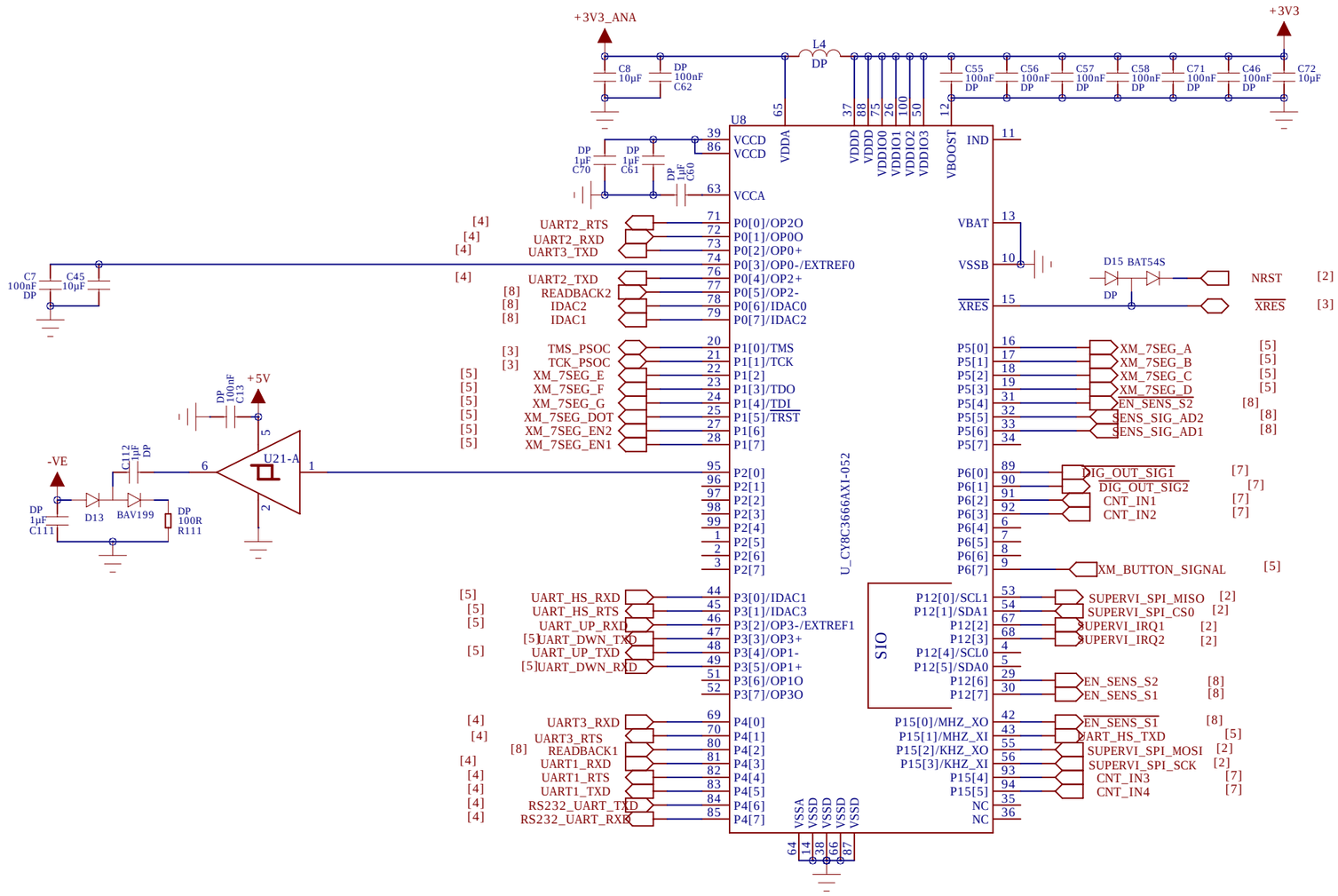
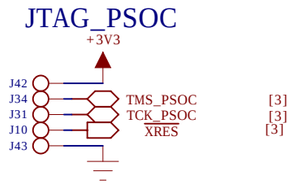
PROJECT TITLE: 610000169: Din Rail CPU60			
BOARD NO: 625000170B	SHEET TITLE: 2_ICNOVA	SIZE: A3	REV: B
DRAWN: Karsten Stork	DATED: 26.11.2010	RELEASED: -	DATED:
CHECKED: -	DATED: -	LAST SAVED: 17.09.2014	SHEET: 2 OF 10



Xmega Port	Xmega I/F	Device
PB	UART0	HS RS485
	UART1	HS Down UART
PC	UART0	HS Up UART
	TWI	G45 and RTC
	SPI	G45
PD	UART1	RS485 - 3
PE	UART0	RS485 - 2
	UART1	RS485 - 1



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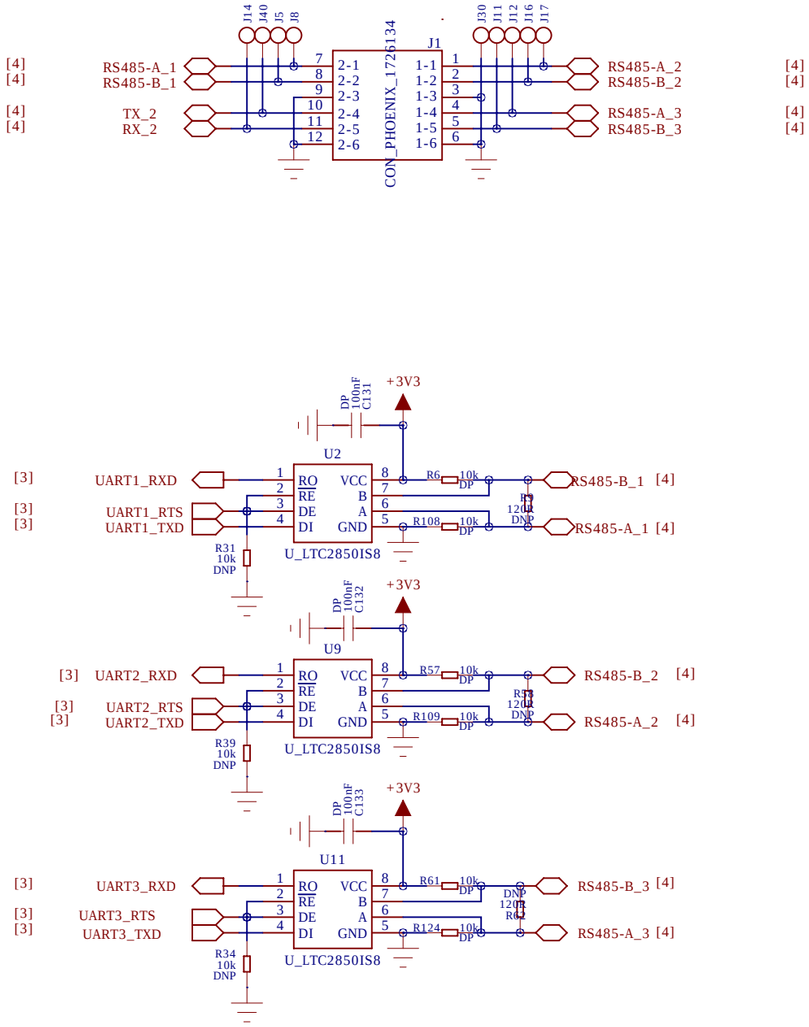
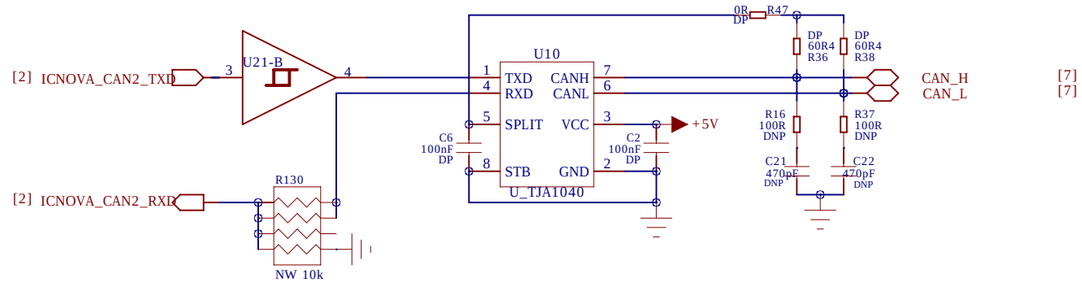
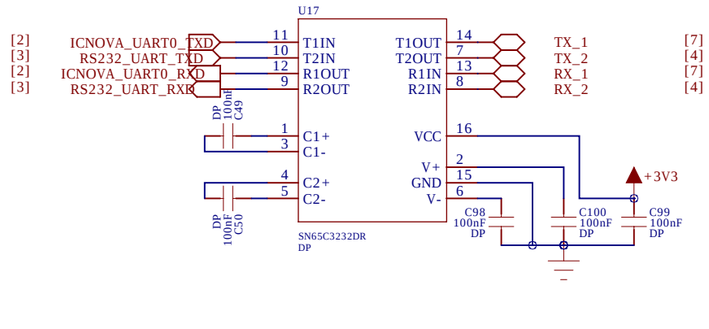
PROJECT TITLE: 610000169: Din Rail CPU60

BOARD NO	SHEET TITLE	SIZE:	REV:
625000170B	3_PSOC	A3	B

DRAWN:	DATED:	RELEASED:	DATED:
Karsten Stork	26.11.2010	-	
CHECKED:	DATED:	LAST SAVED	SHEET: 3 OF 10
-	-	17.09.2014	







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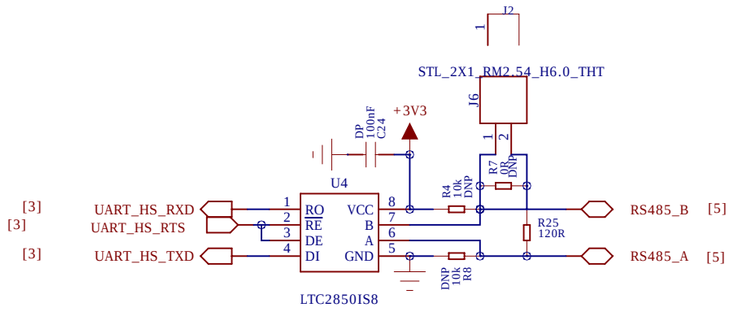
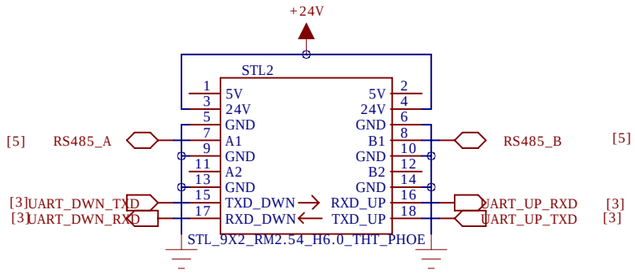
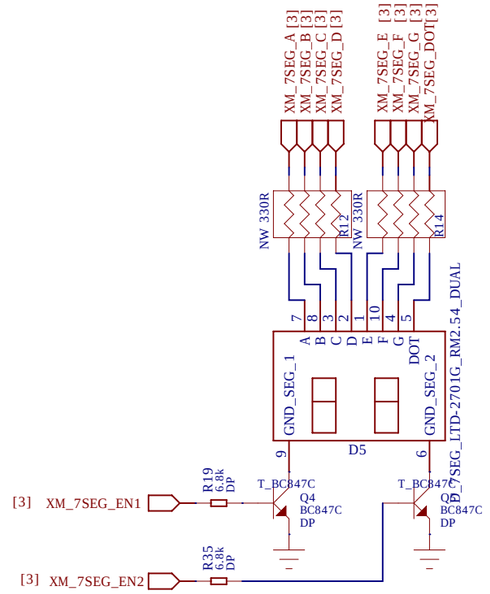
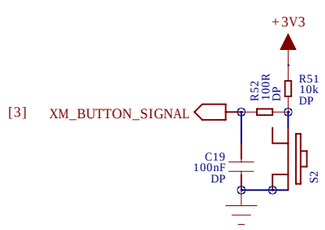
D-01109 Dresden

PROJECT TITLE: 610000169: Din Rail CPU60			
BOARD NO 625000170B	SHEET TITLE 4_SERIAL_IF	SIZE: A3	REV: B
DRAWN: Karsten Stork	DATED: 26.11.2010	RELEASED: -	DATED:
CHECKED: -	DATED: -	LAST SAVED 17.09.2014	SHEET: 4 OF 10









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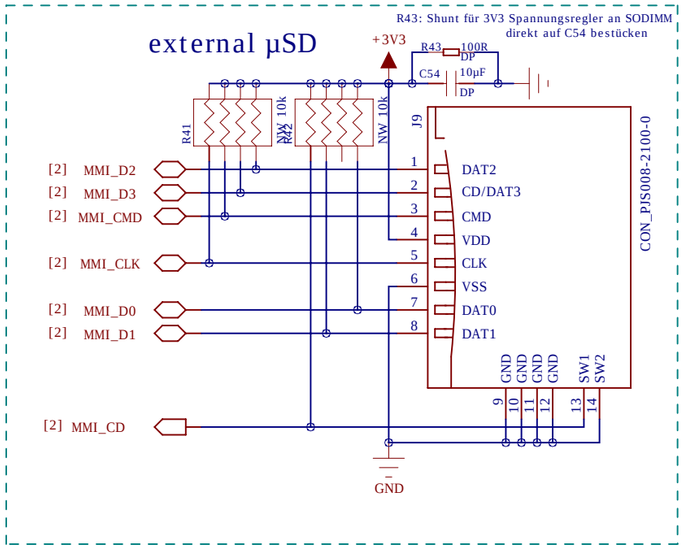
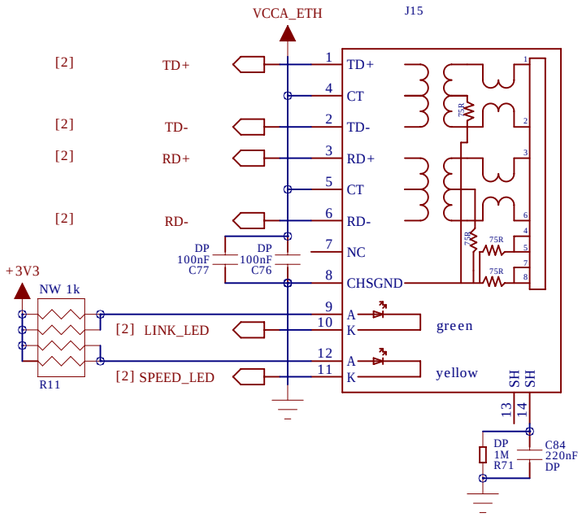
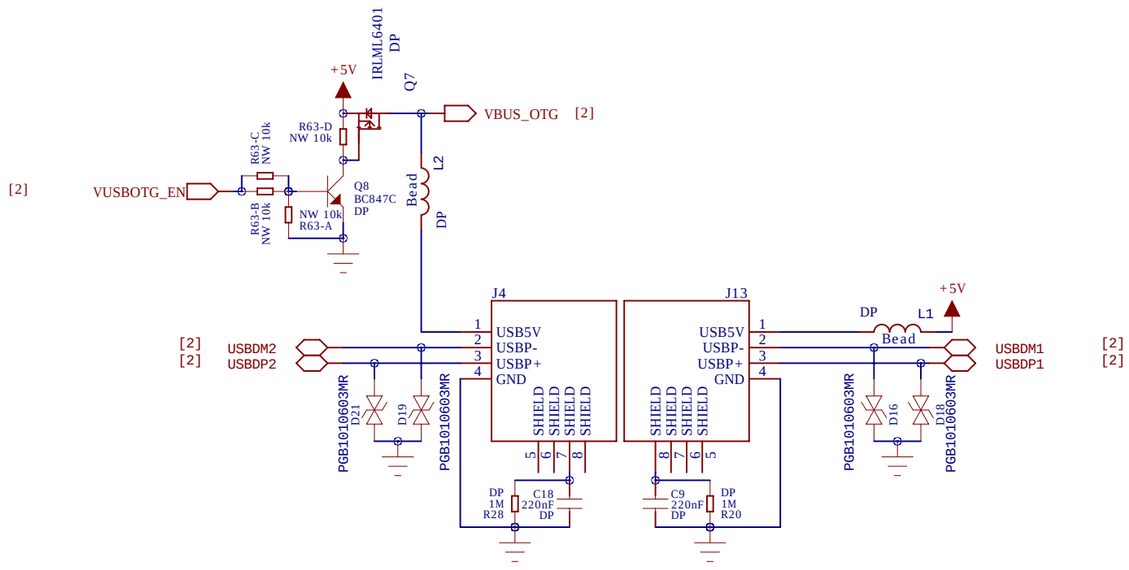
PROJECT TITLE: 610000169: Din Rail CPU60			
BOARD NO 625000170B	SHEET TITLE 5_HUTSCHIENE	SIZE: A3	REV: B
DRAWN: Karsten Stork	DATED: 26.11.2010	RELEASED: -	DATED:
CHECKED: -	DATED: -	LAST SAVED 17.09.2014	SHEET: 5 OF 10

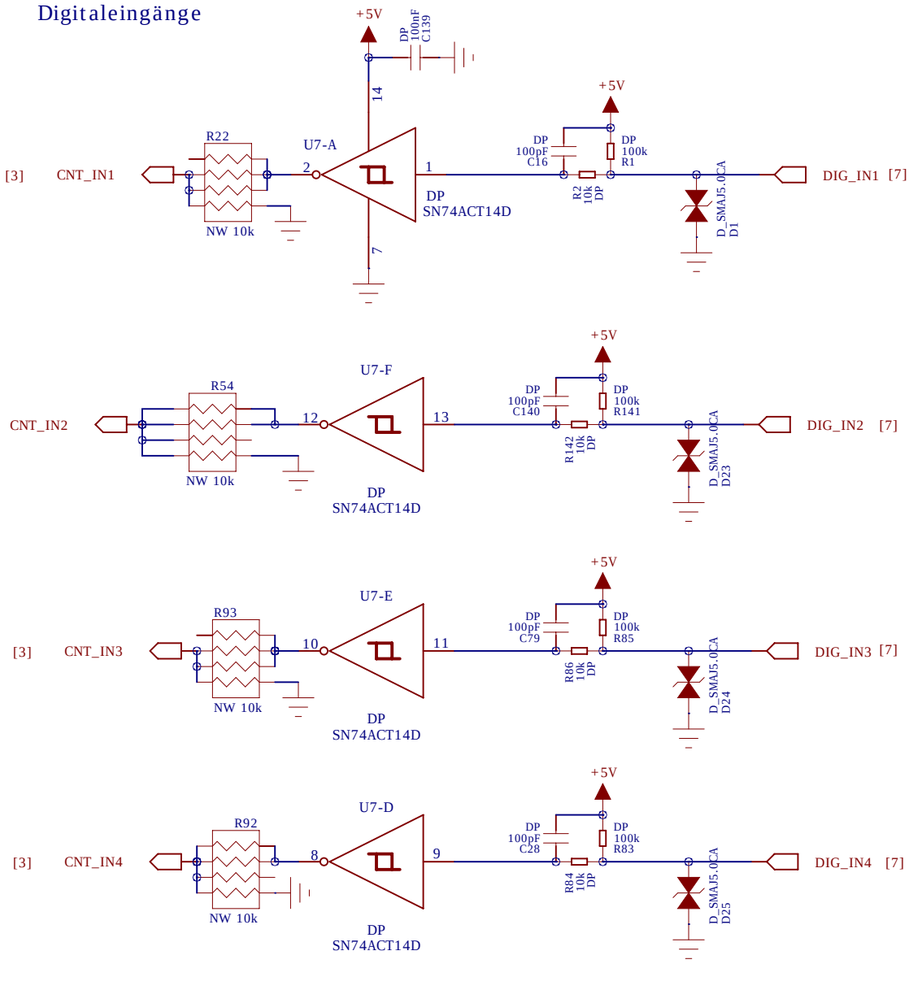


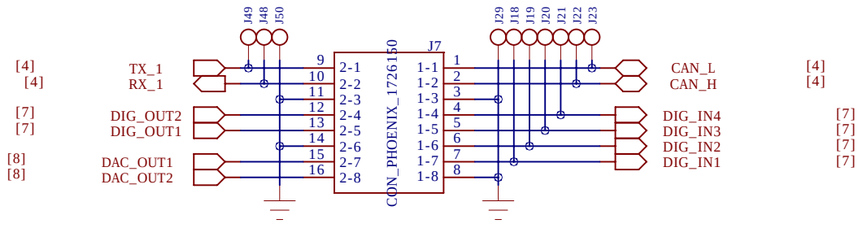


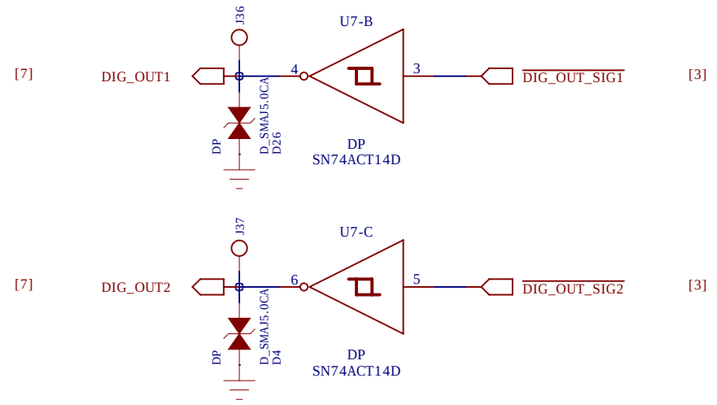


PROJECT TITLE: 610000169: Din Rail CPU60			
BOARD NO: 625000170B	SHEET TITLE: 6_USB/ETH/µSD	SIZE: A3	REV: B
DRAWN: Karsten Stork	DATED: 26.11.2010	RELEASED: -	DATED:
CHECKED: -	DATED: -	LAST SAVED: 17.09.2014	SHEET: 6 OF 10

Digitaleingänge







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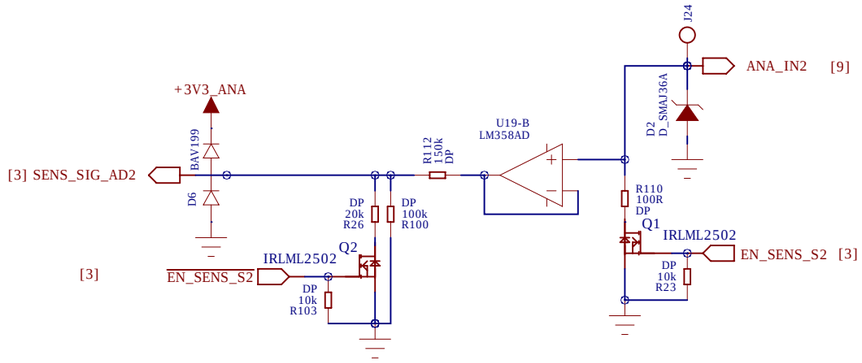
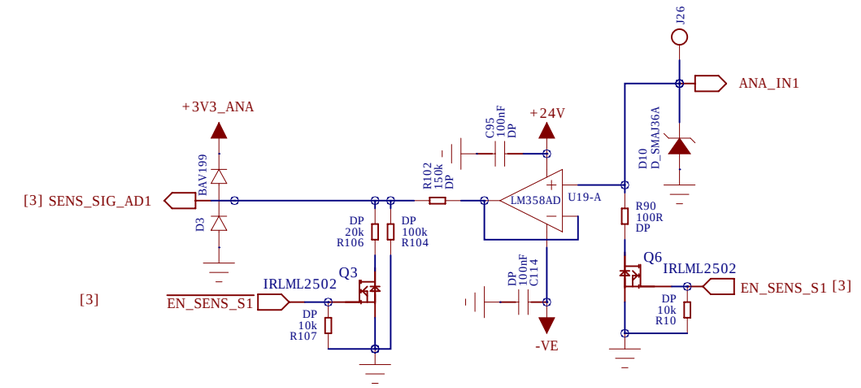
PROJECT TITLE: 610000169: Din Rail CPU60			
BOARD NO: 625000170B	SHEET TITLE: 7_DIGITAL_I/O	SIZE: A3	REV: B
DRAWN: Karsten Stork	DATED: 26.11.2010	RELEASED: -	DATED:
CHECKED: -	DATED: -	LAST SAVED: 17.09.2014	SHEET: 7 OF 10





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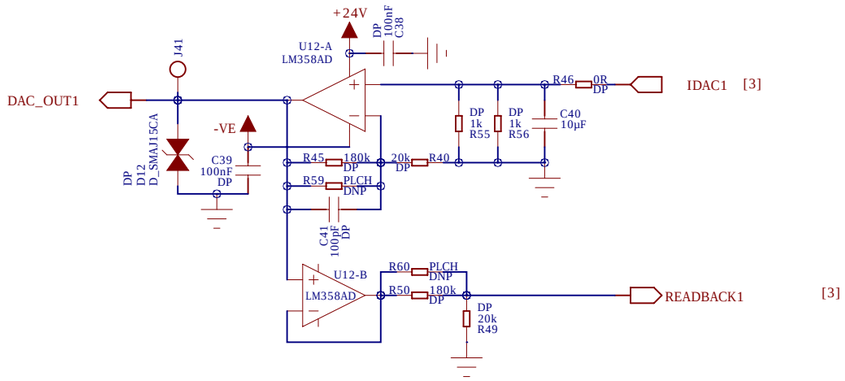

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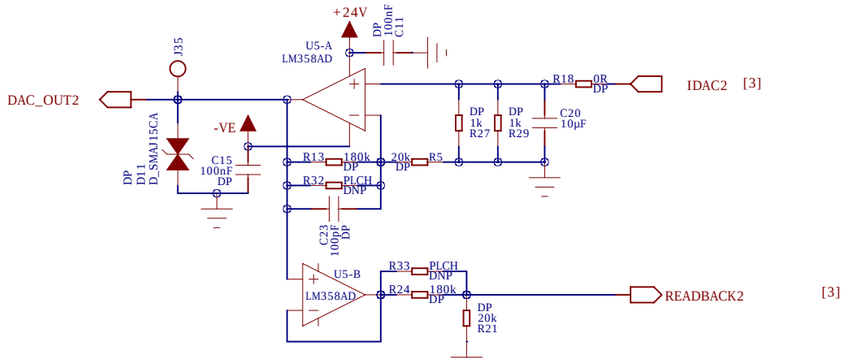

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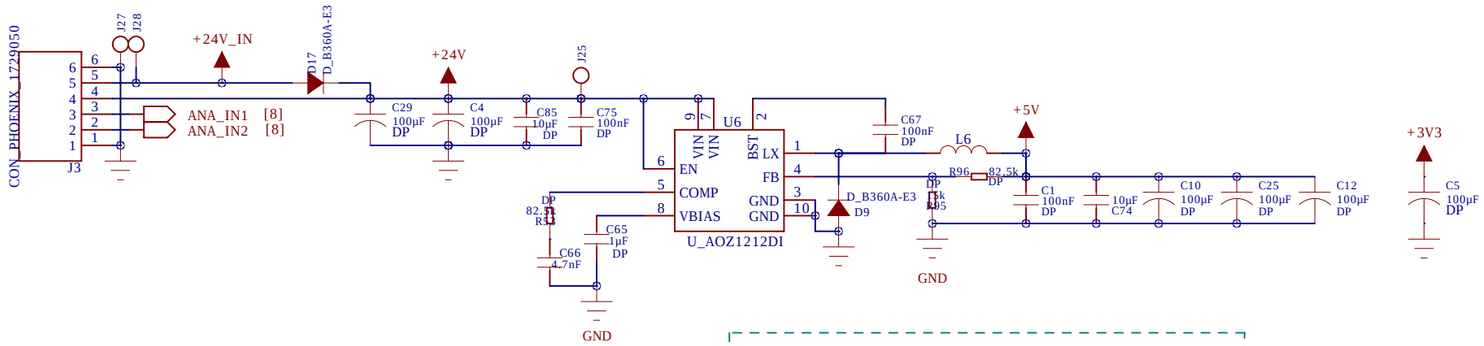
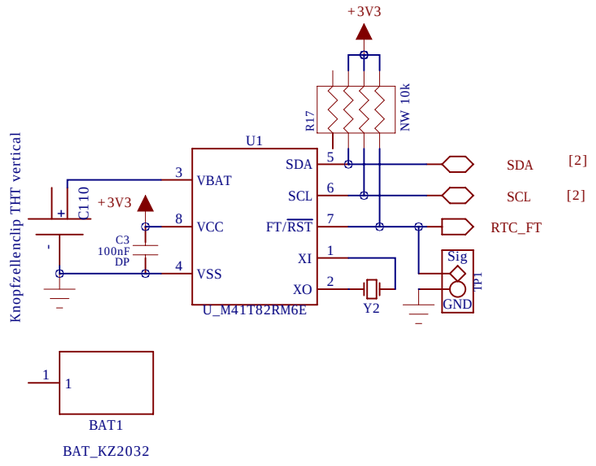
D-01109 Dresden

PROJECT TITLE: 610000169: Din Rail CPU60			
BOARD NO: 625000170B	SHEET TITLE: 8_ANALOG_I/O	SIZE: A3	REV: B
DRAWN: Karsten Stork	DATED: 26.11.2010	RELEASED: -	DATED:
CHECKED: -	DATED: -	LAST SAVED 17.09.2014	SHEET: 8 OF 10



$$\text{Vout LT} = \left(\frac{R96}{R95} + 1\right) * 0.8V = \underline{5.2V}$$

RTC



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PROJECT TITLE: 610000169: Din Rail CPU60			
BOARD NO 625000170B	SHEET TITLE 9_POWER/RTC	SIZE: A3	REV: B
DRAWN: Karsten Stork	DATED: 26.11.2010	RELEASED: -	DATED:
CHECKED: -	DATED: -	LAST SAVED 17.09.2014	SHEET: 9 OF 10

J39
SERIALNUMBER

EBG1
ICnova iMX536 SO-Dimm
Rev D
DP

MEC1 1
MEC_PHOENIX-2896270
BC 107,6 UT HBUS BK
Phoenix 6TE Unterteil

MEC2 1
MEC_PHOENIX-2896089
BC 107,6 OT U22 KMGY
Phoenix 6TE Oberteil

MEC3 1
MEC_PHOENIX-2896173
BC 107,6 DKL R KMGY
Phoenix 6TE Deckel lichtgrau

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D-01109 Dresden

PROJECT TITLE: 610000169: Din Rail CPU60			
BOARD NO: 625000170B	SHEET TITLE: 11_MECHANICAL	SIZE: A3	REV: B
DRAWN: Karsten Stork	DATED: 26.11.2010	RELEASED: -	DATED:
CHECKED: -	DATED: -	LAST SAVED 17.09.2014	SHEET: 10 OF 10