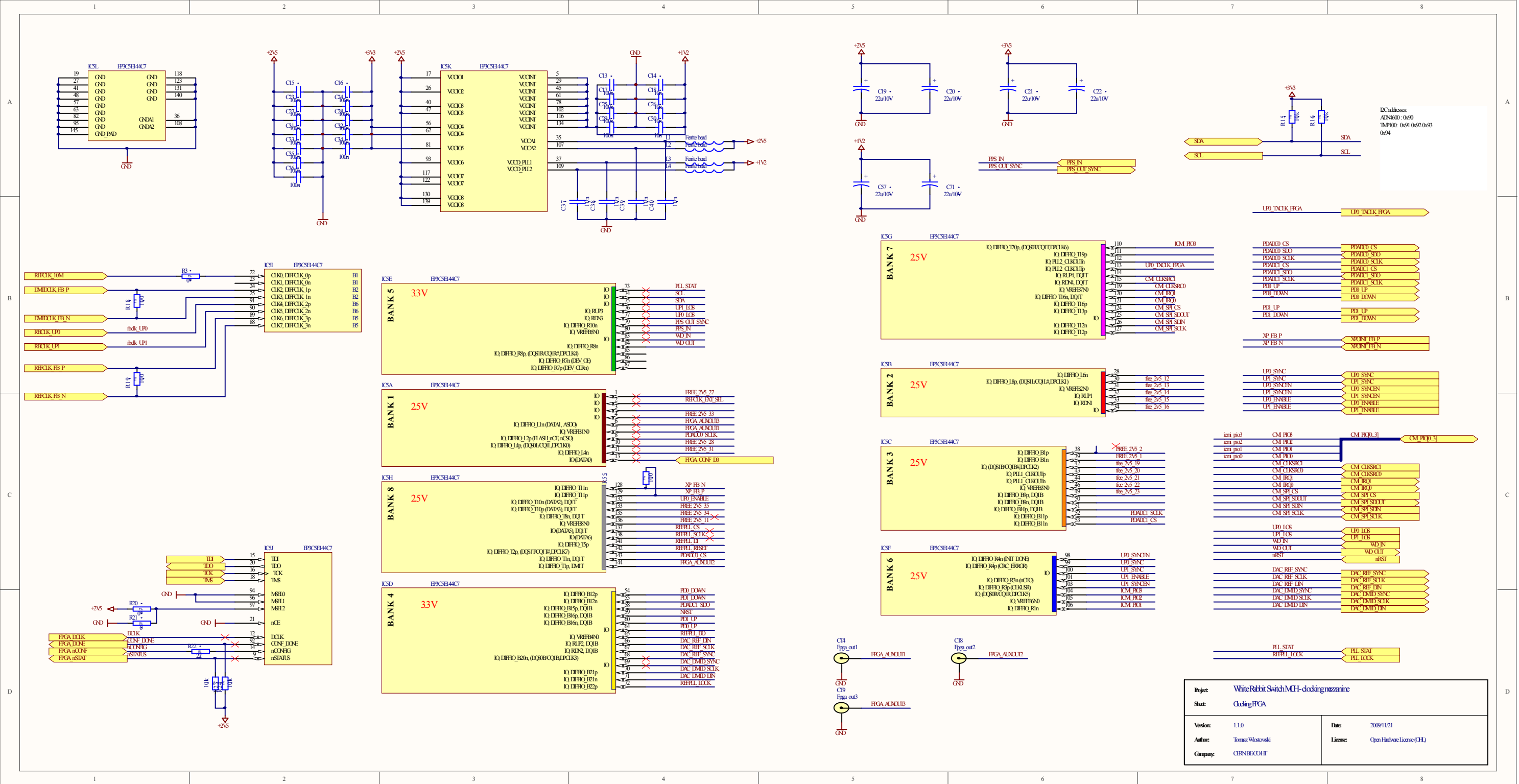
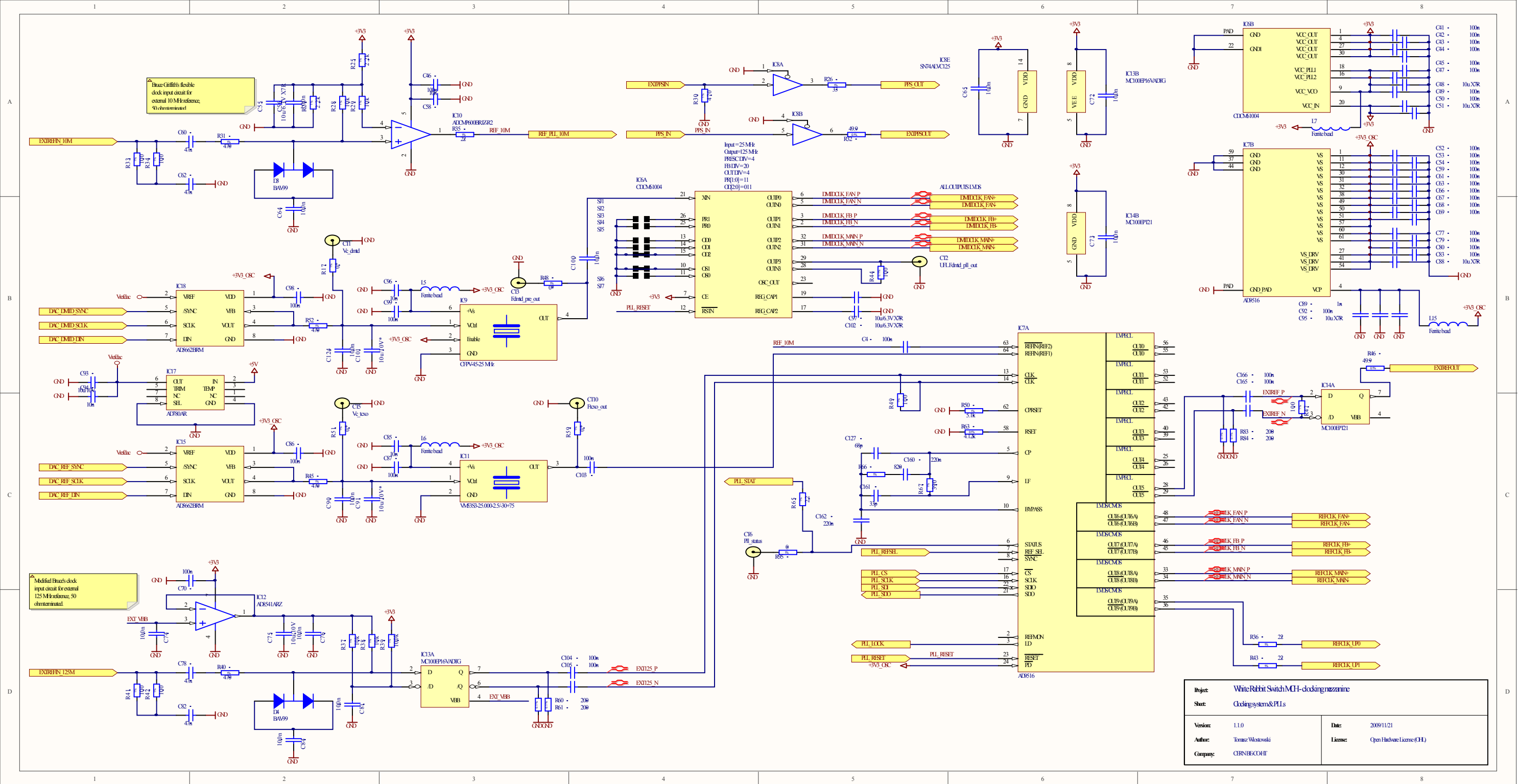


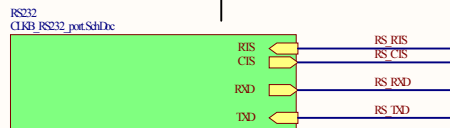
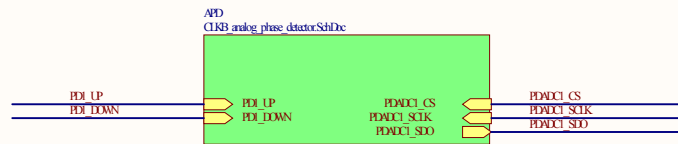
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Size		Number	
A		Revision	
Date		20100401	
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		Sheet of	
		Drawn By:	

005



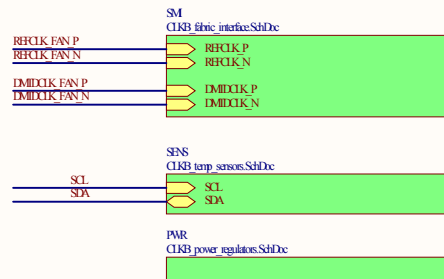


RS232 port

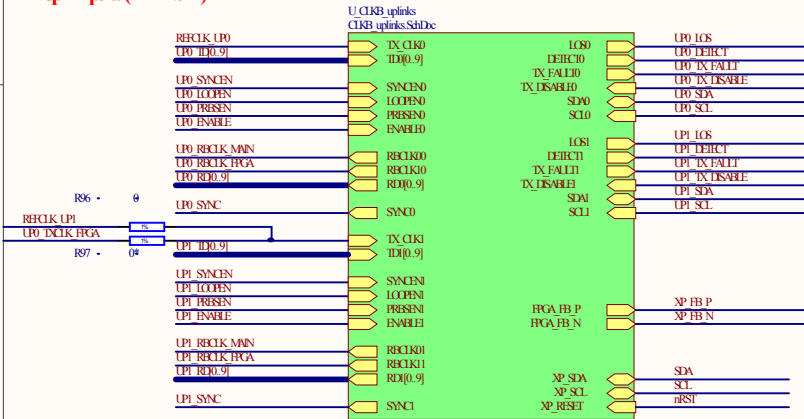
APD
CLKB analog phase detector.SchDoc

Temp sensors

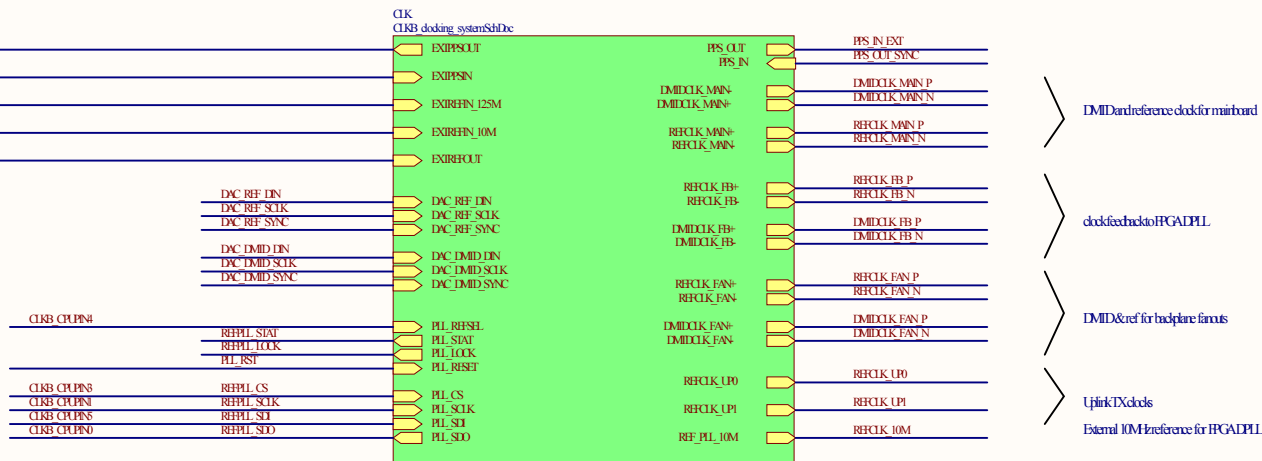
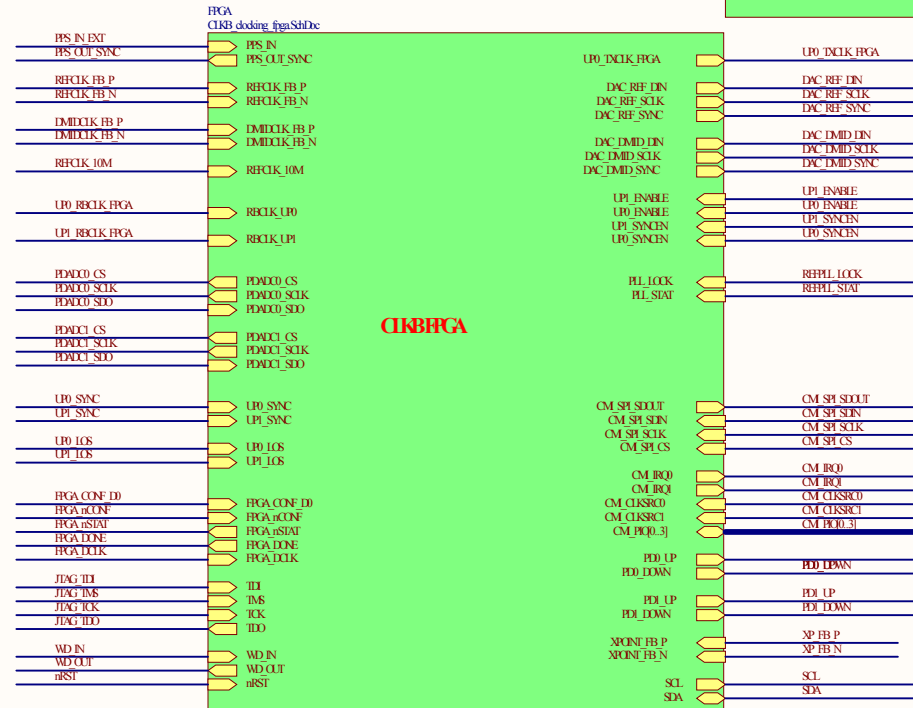
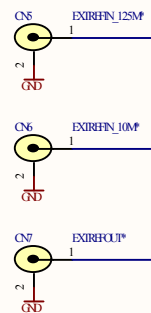
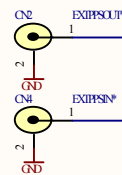
Power supply



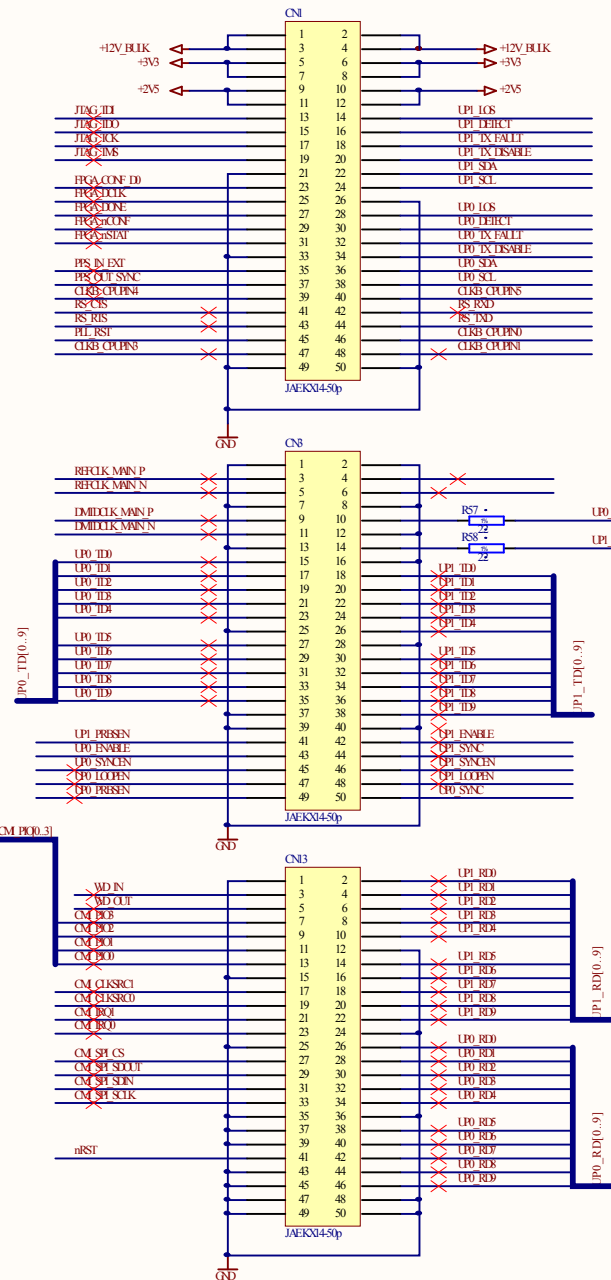
Uplink ports (PHY+SFP)



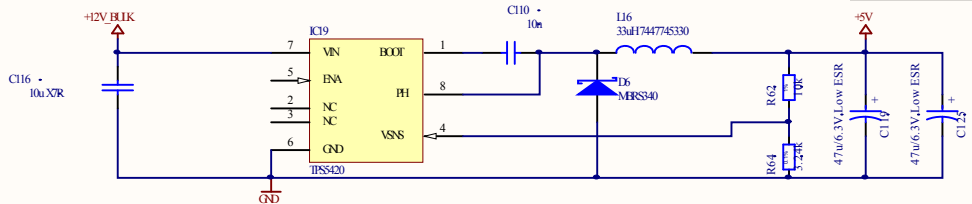
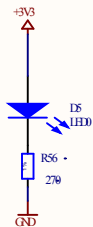
Clocks and PPS
Edge-soldered SMB



Mainboard connectors

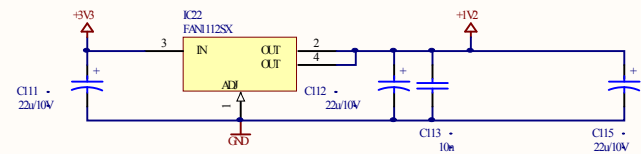
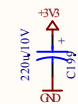
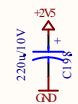
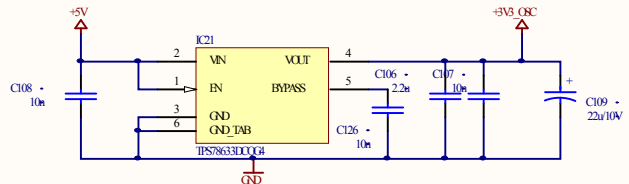


Project:	White Rabbit Switch MCH-docking nzzanine		
Sheet:	Min(tcp-level) diagram		
Version:	1.1.0	Date:	2009/11/21
Author:	Tomasz Wlosowski	License:	Open Hardware License (OHL)
Company:	GRNBE.COHT		

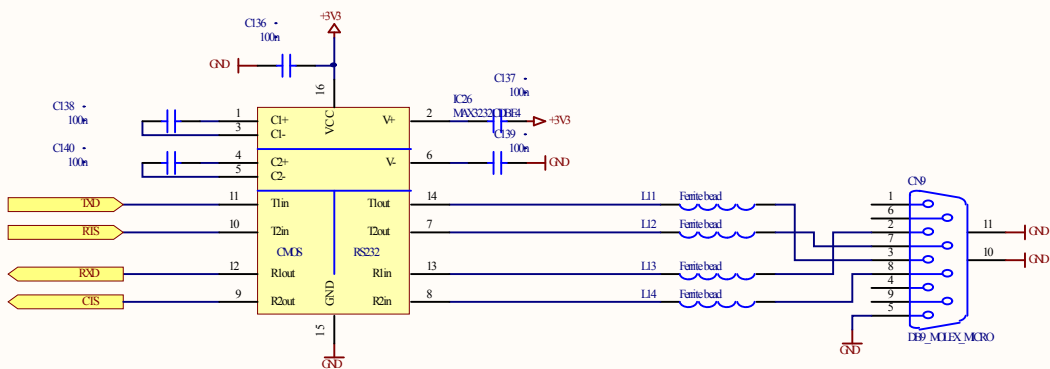


Input voltages (from main MCH board):
- +12V BULK backplane bulk power (+12 V)
- +2V5 from main regulator (+2.5 V, several amps)
- +3V3 from main regulator (+3.3 V, several amps)

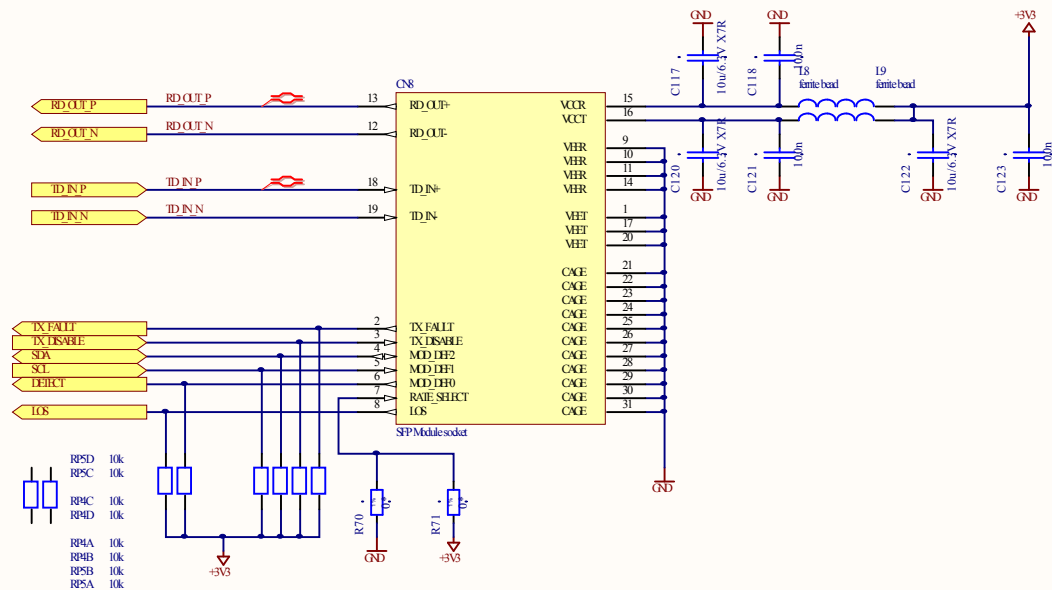
Output voltages:
- +3V3_OSC: +3.3 V @ 200 mA (ultra-low noise supply for VCSOs and DACs)
- +5V: +5 V for DAC reference and +3V3_OSC LDO supply



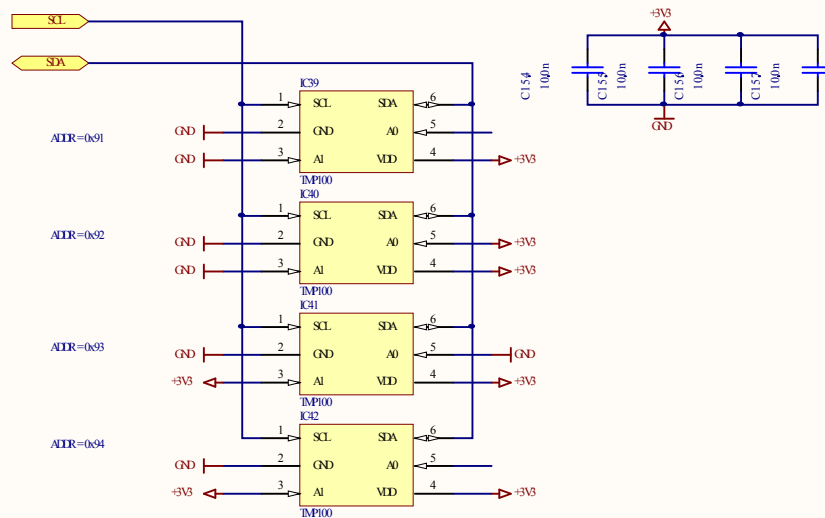
Title White Rabbit Switch MCH-docking nozzanine Power supply regulators		
Size A4	Number	Revision
Date 20100401	Sheet of	
File Z:\home\CLB3\power regulators\SHDoc	Drawn By:	



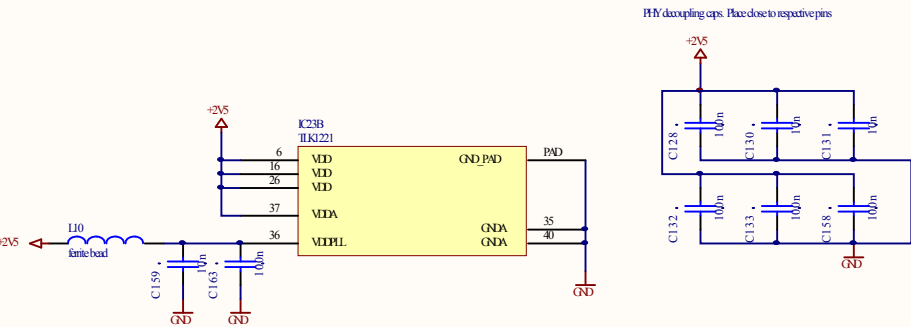
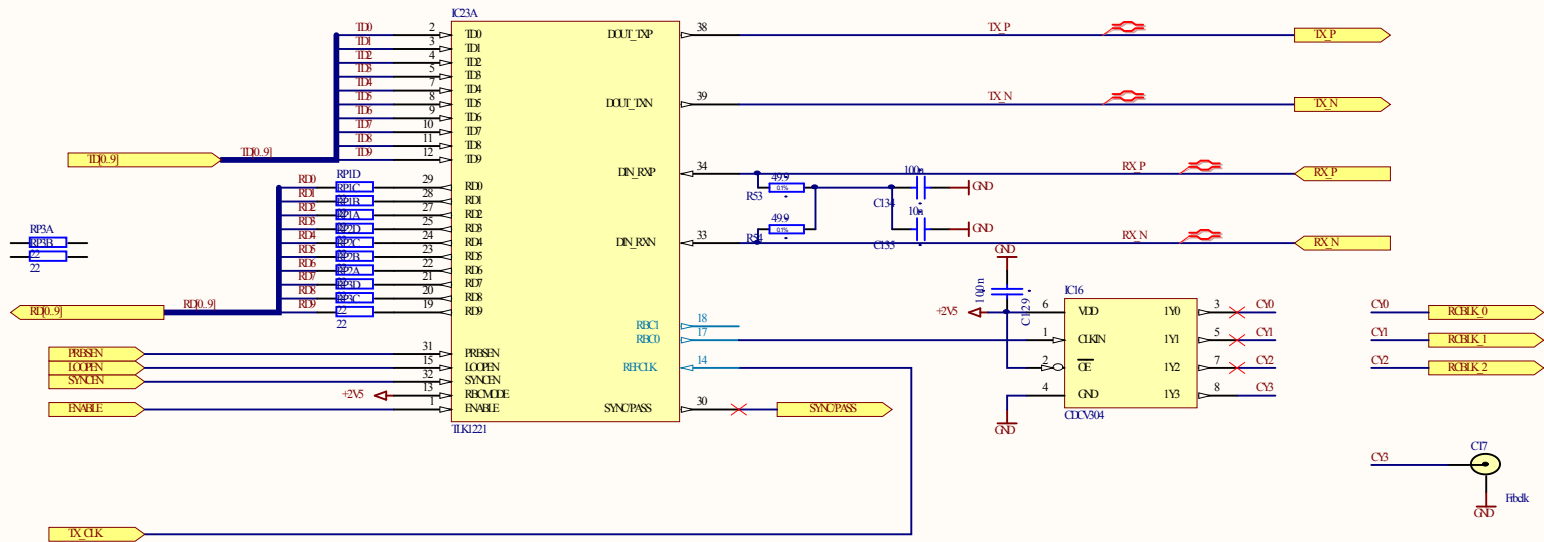
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Sze		RS232port	
A	Number	Revision	
Date		20100401	Sheet of
File		Z:\hont\CHB3_RS232_port\Sch1.nc	Draw By:



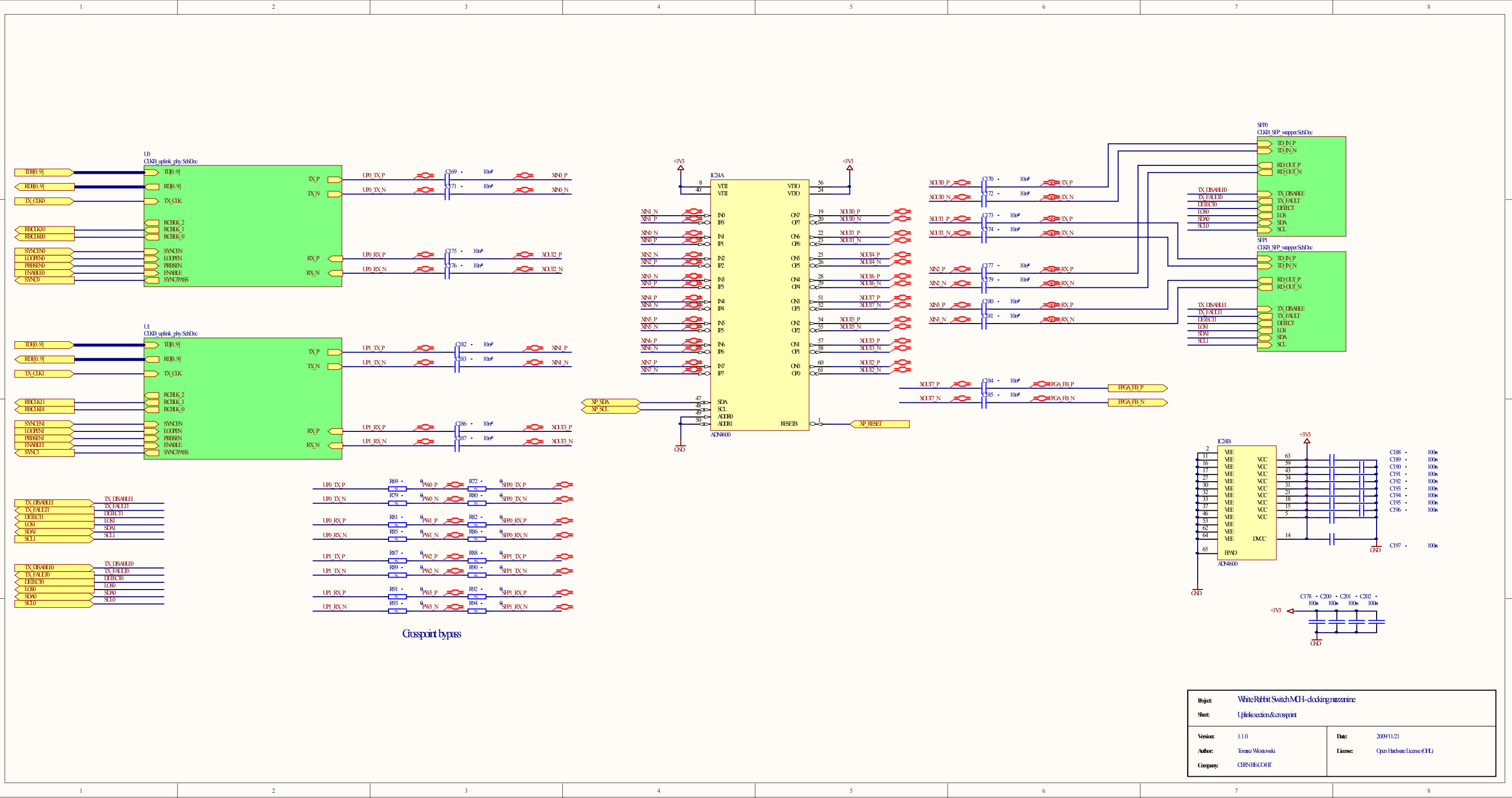
Project:	White Rabbit SwitchMCH-docking mezzanine		
Sheet:	SFP module wrapper		
Version:	1.1.0	Date:	2009/11/21
Author:	Tomasz Wlosowski	License:	Open Hardware License (OHL)
Company:	CHNIBCOHIT		



Title			
White Rabbit Switch MCH-docking mezzanine Temperature sensors			
Size	Number		Revision
A			
Date	20100401		Sheet of
File	Z:\hwt\CTB3 temp_sensors.SchDoc		Drawn by



Title			White Rabbit Switch MCH-docking module
Size	Number	Revision	
A3			
Date	20100401	Sheet of	
File	Z:\home\CLSB\uplink_phy\SchDoc	Drawn By:	



Project:	White Rabbit Switch MCH-docking module		
Sheet:	Uplink section & crosspoint		
Version:	1.1.0	Date:	2009/11/21
Author:	Tomasz Wosinski	License:	Open Hardware License (OHL)
Company:	CHN BECOHIT		

