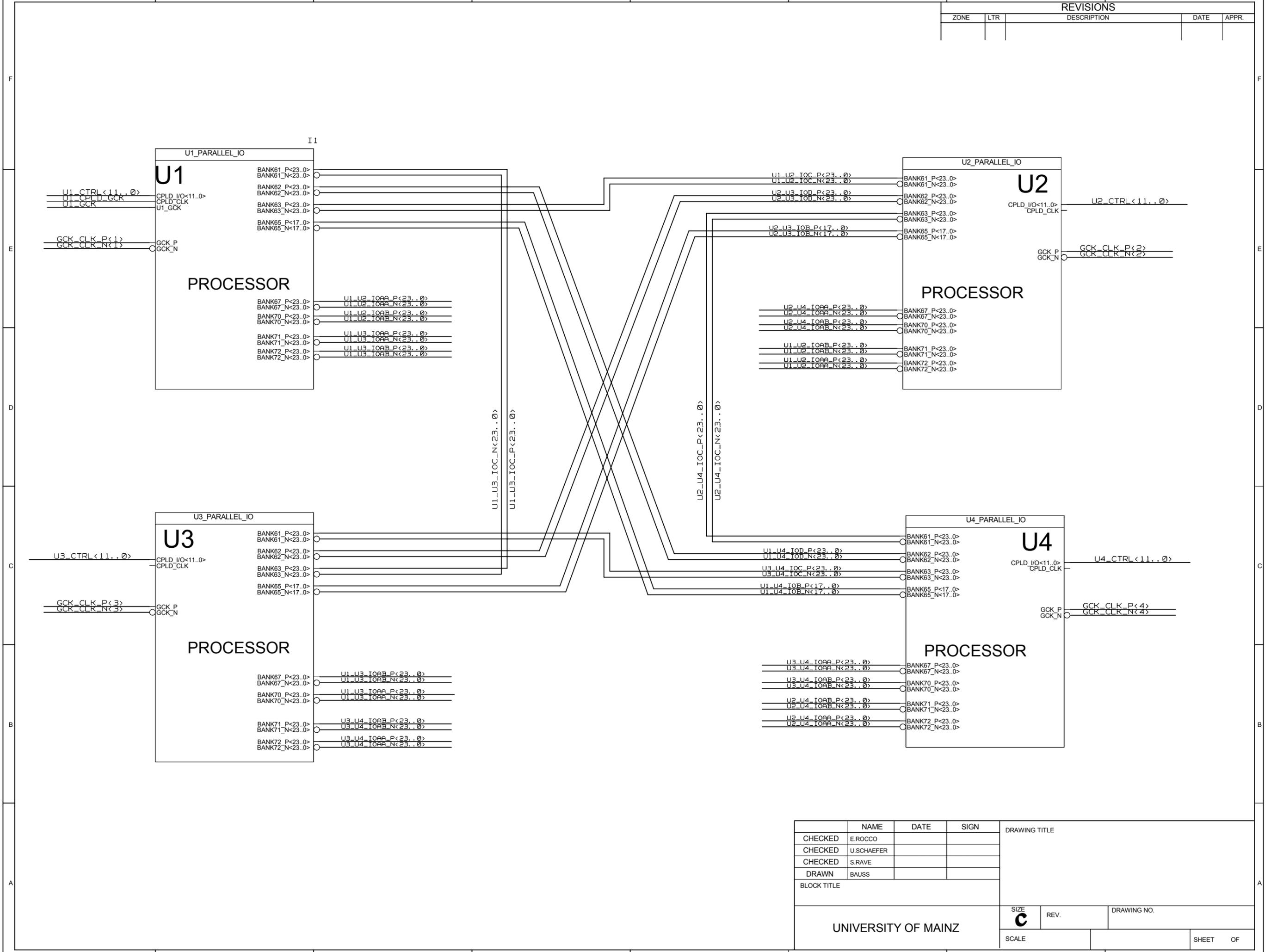
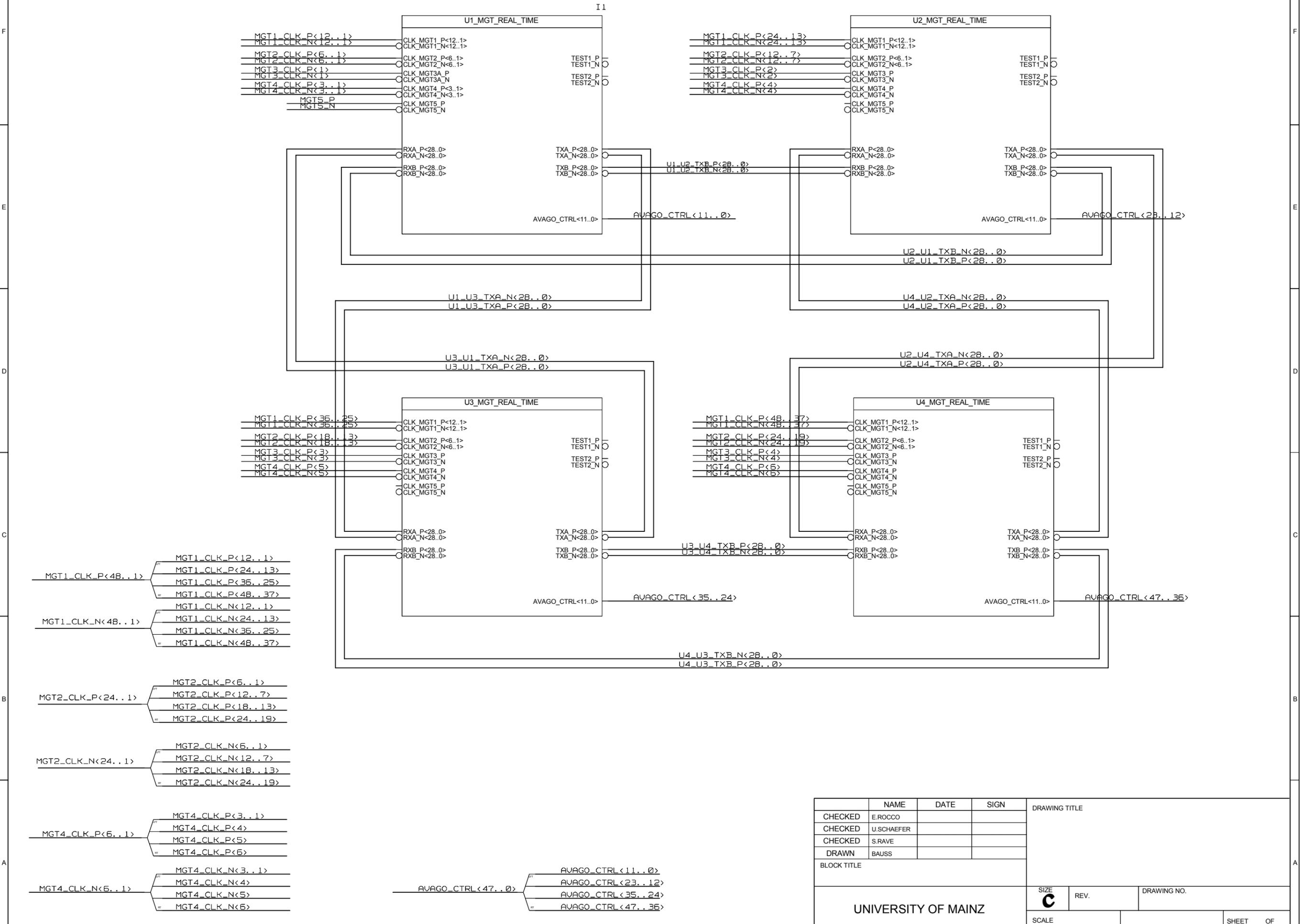


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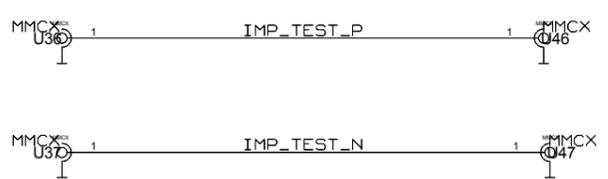
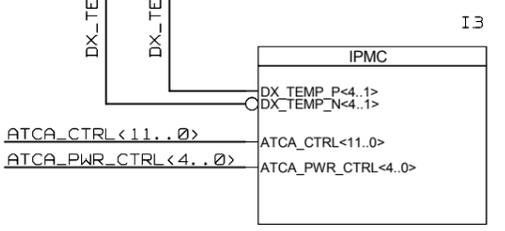
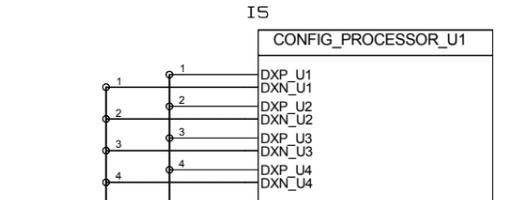
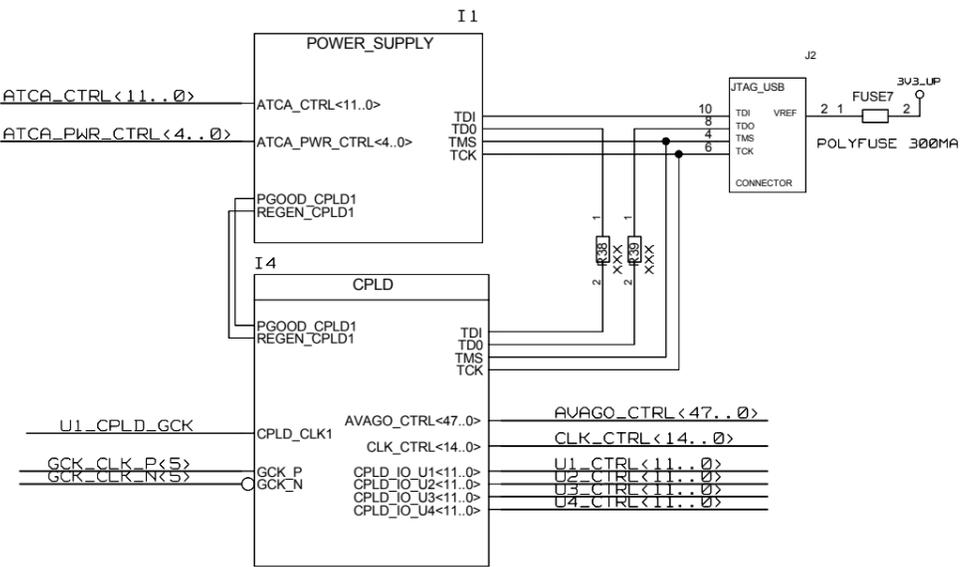
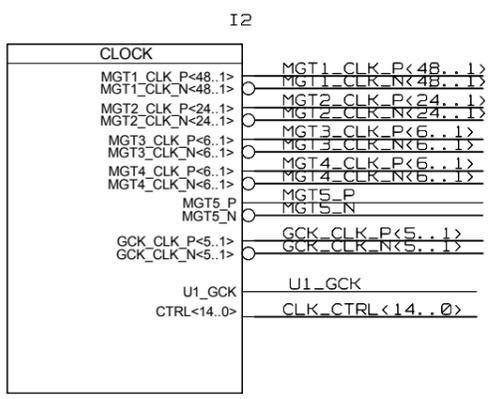
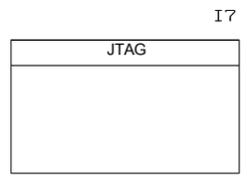
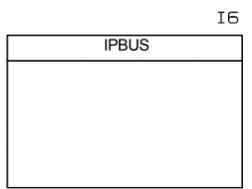
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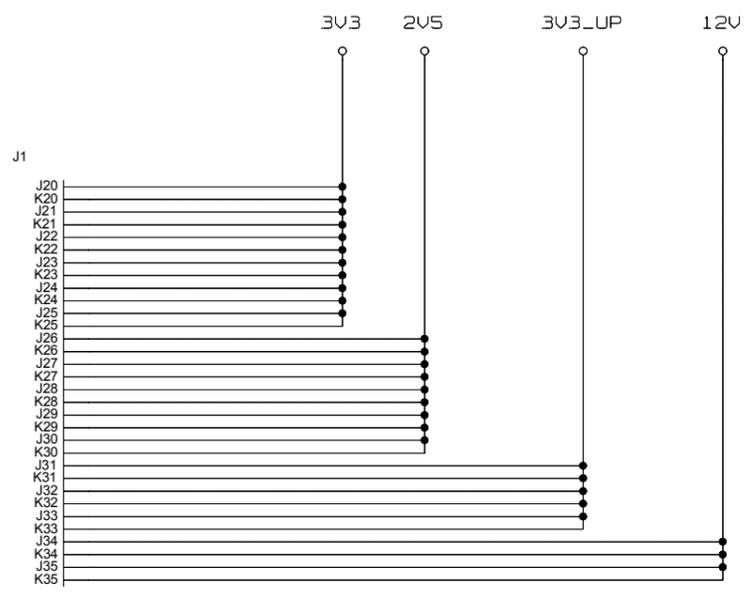
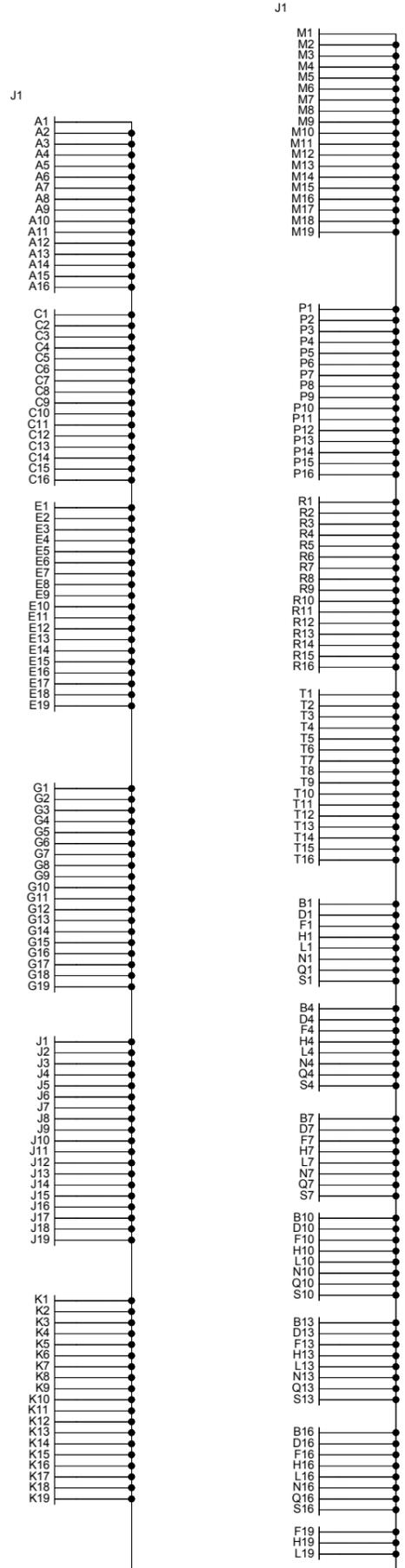
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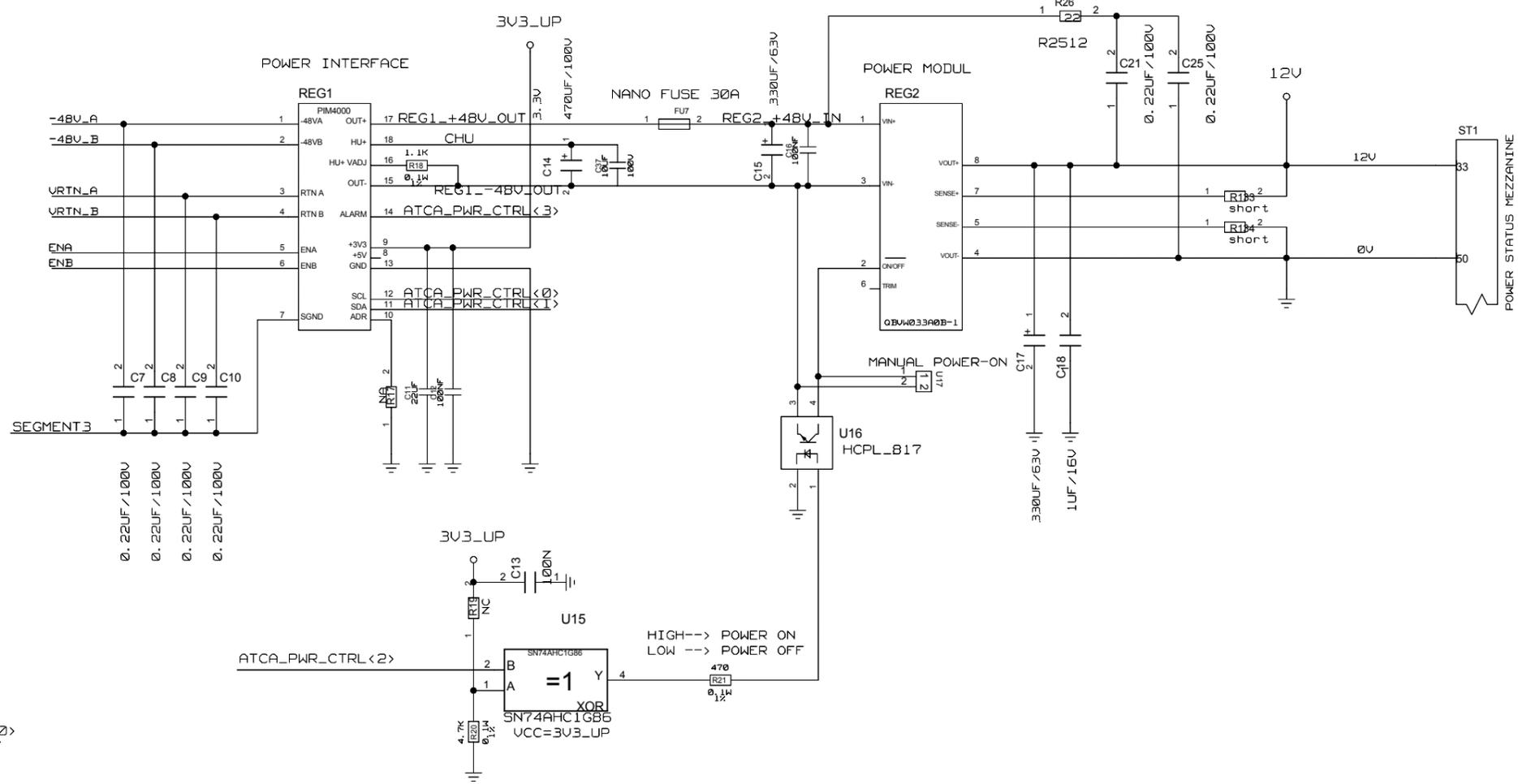
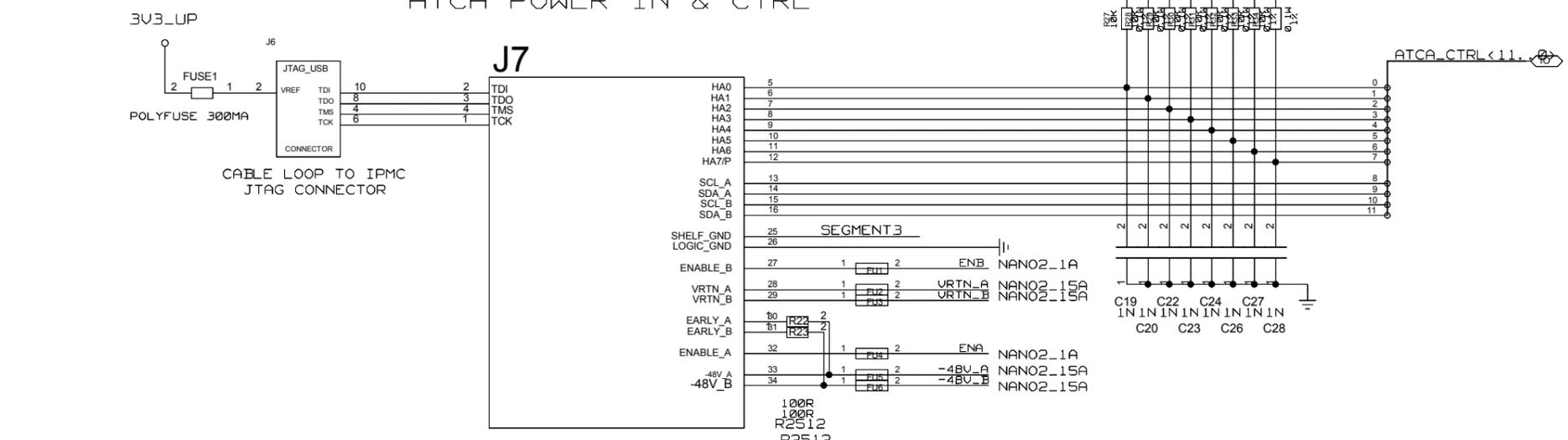
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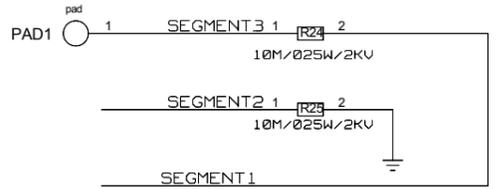
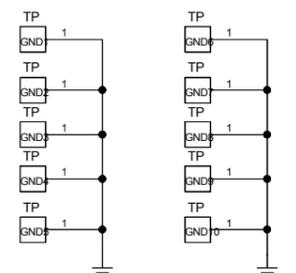
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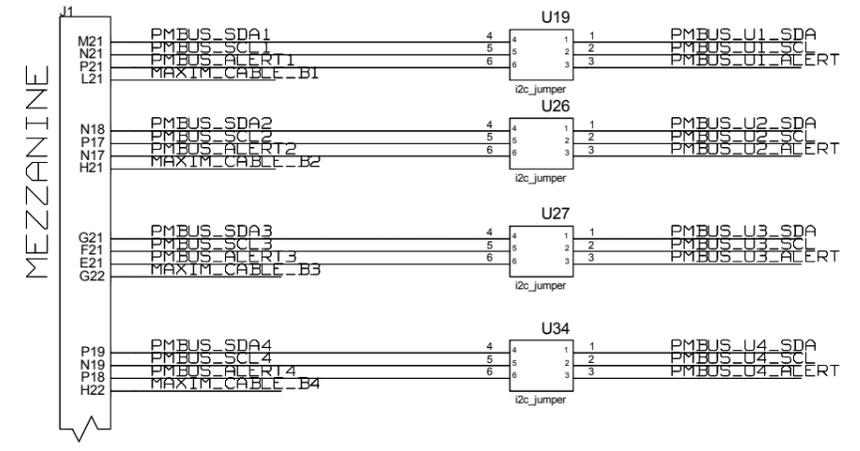
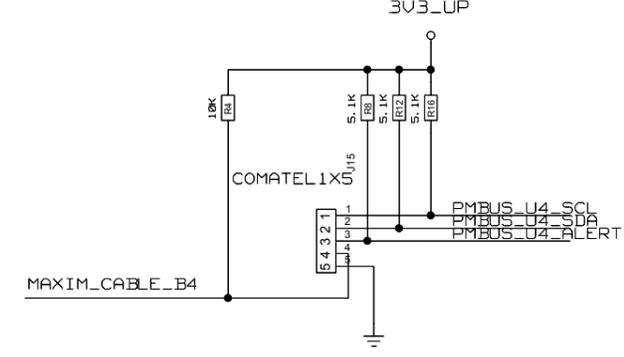
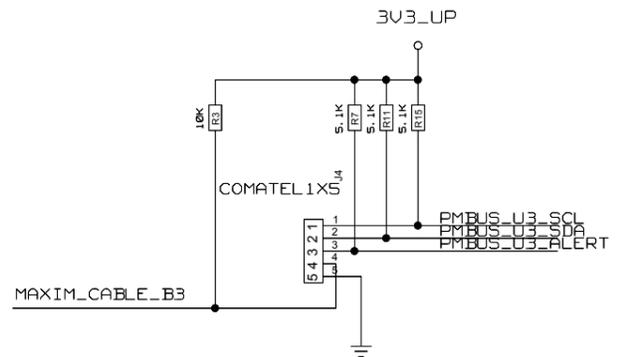
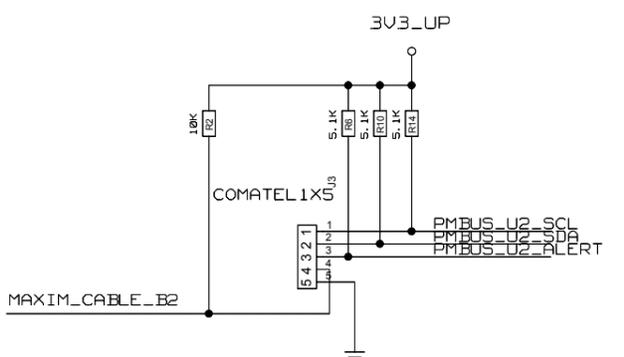
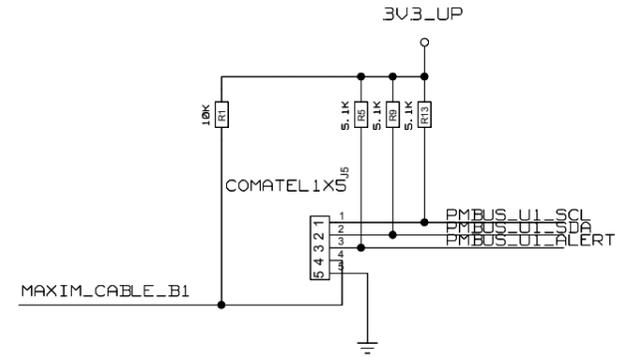
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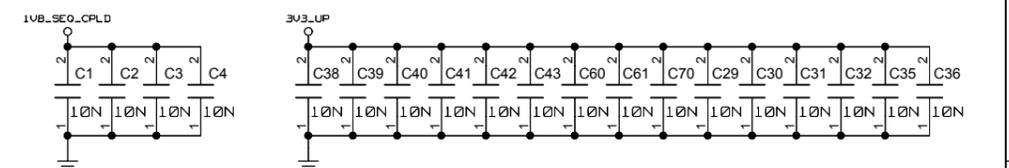
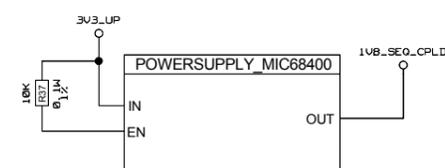
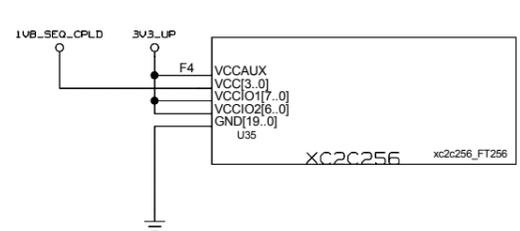
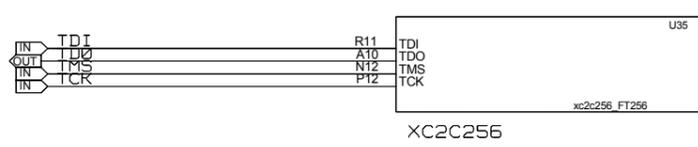
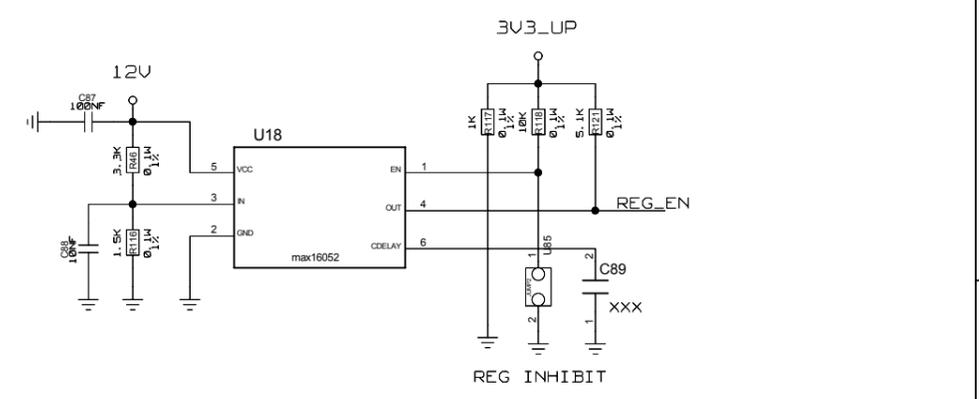
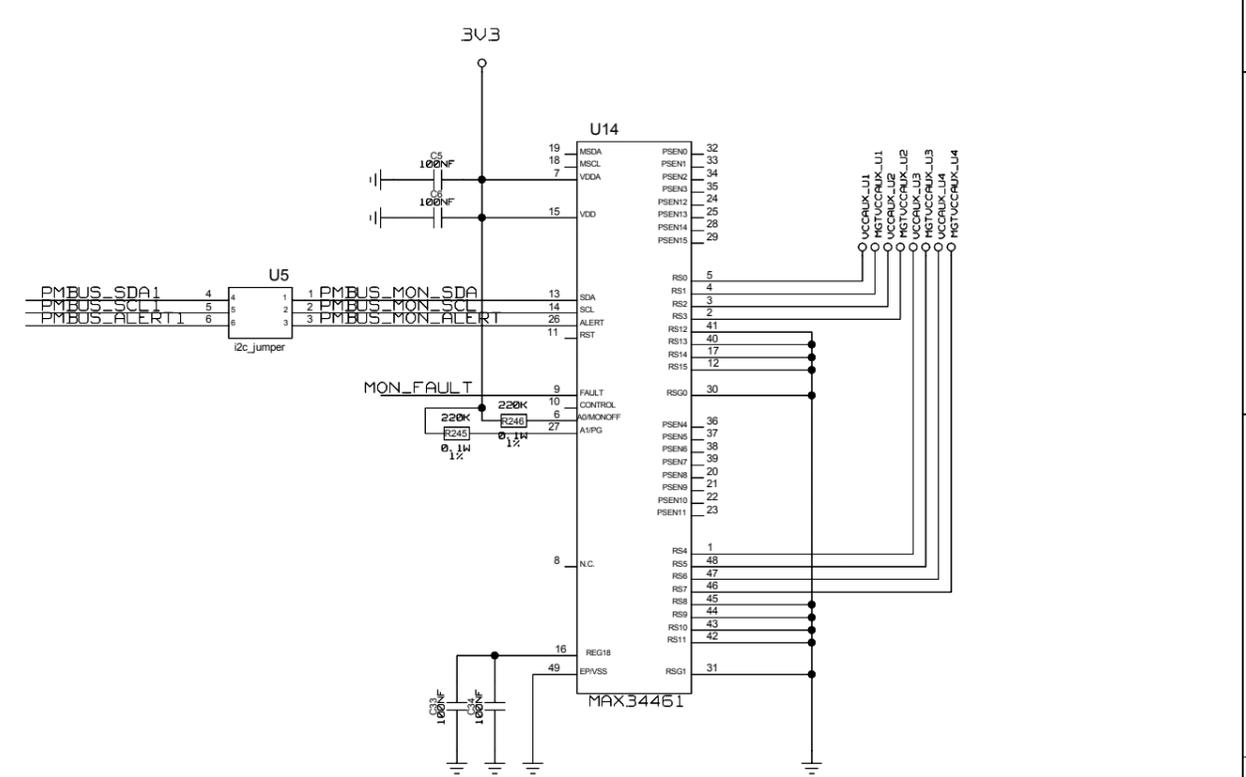
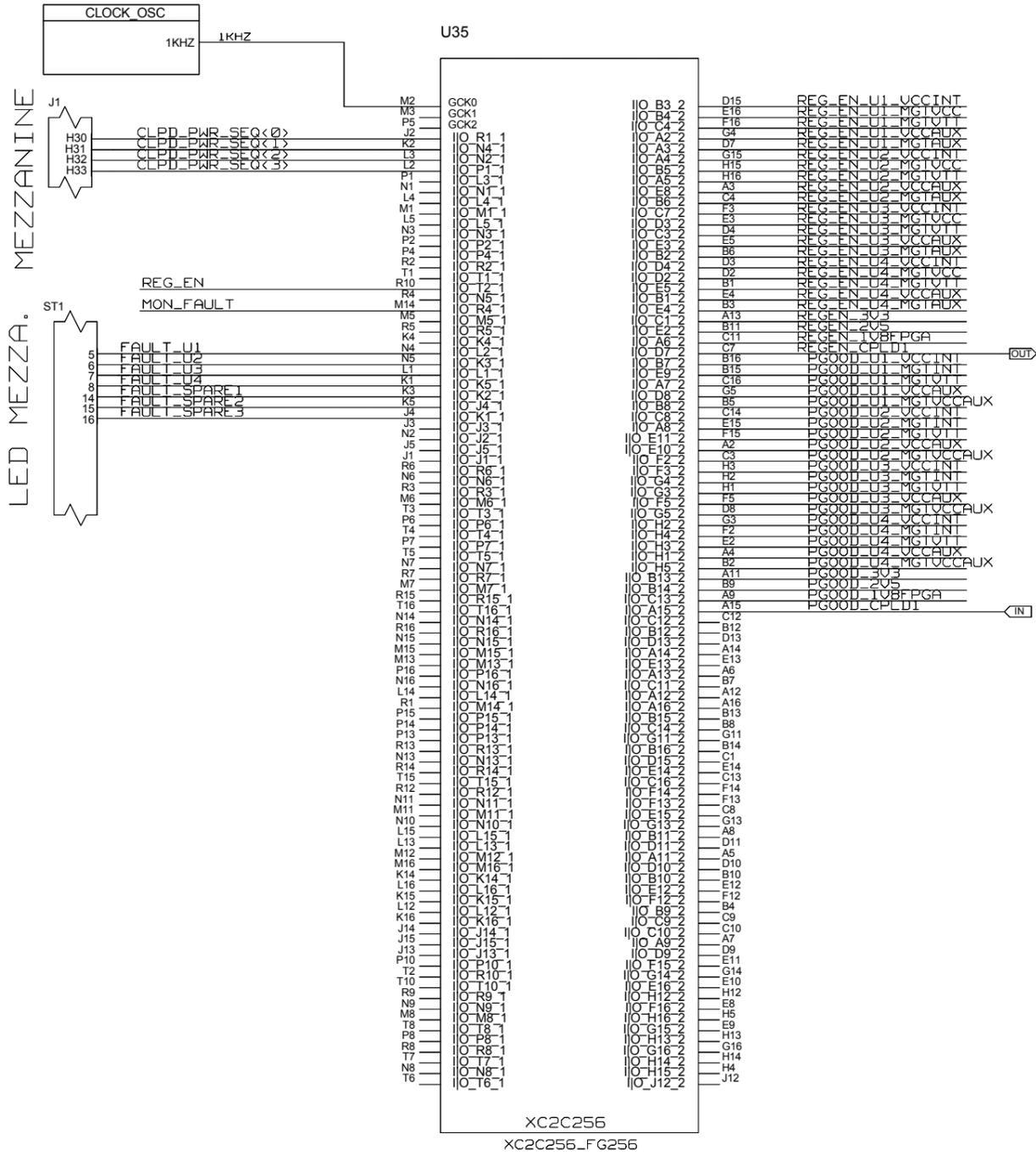
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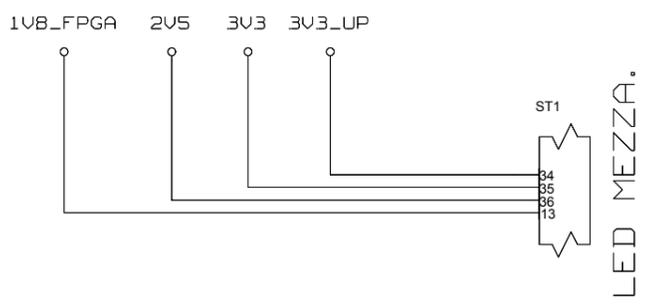
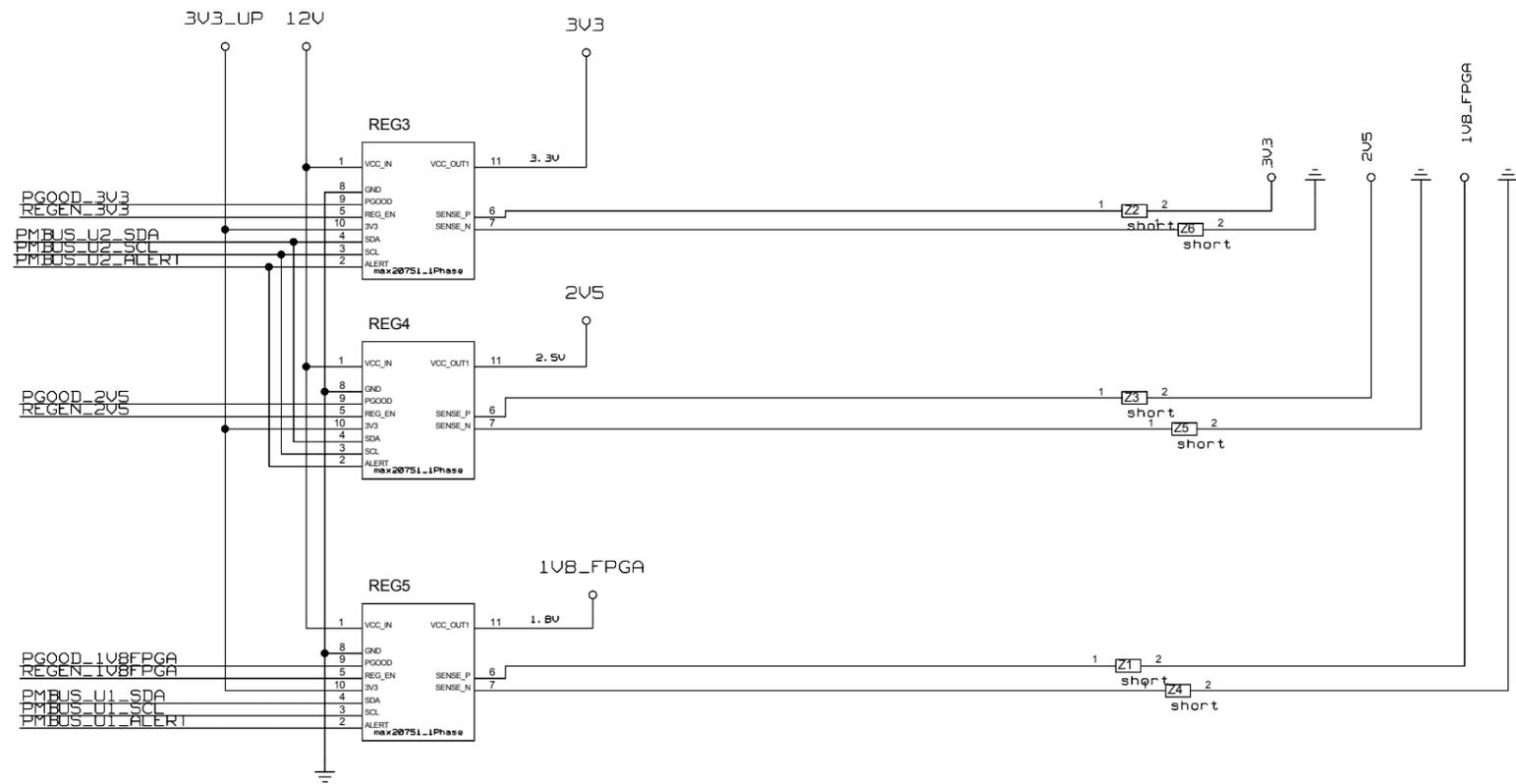
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ZONE	LTR	DESCRIPTION	DATE



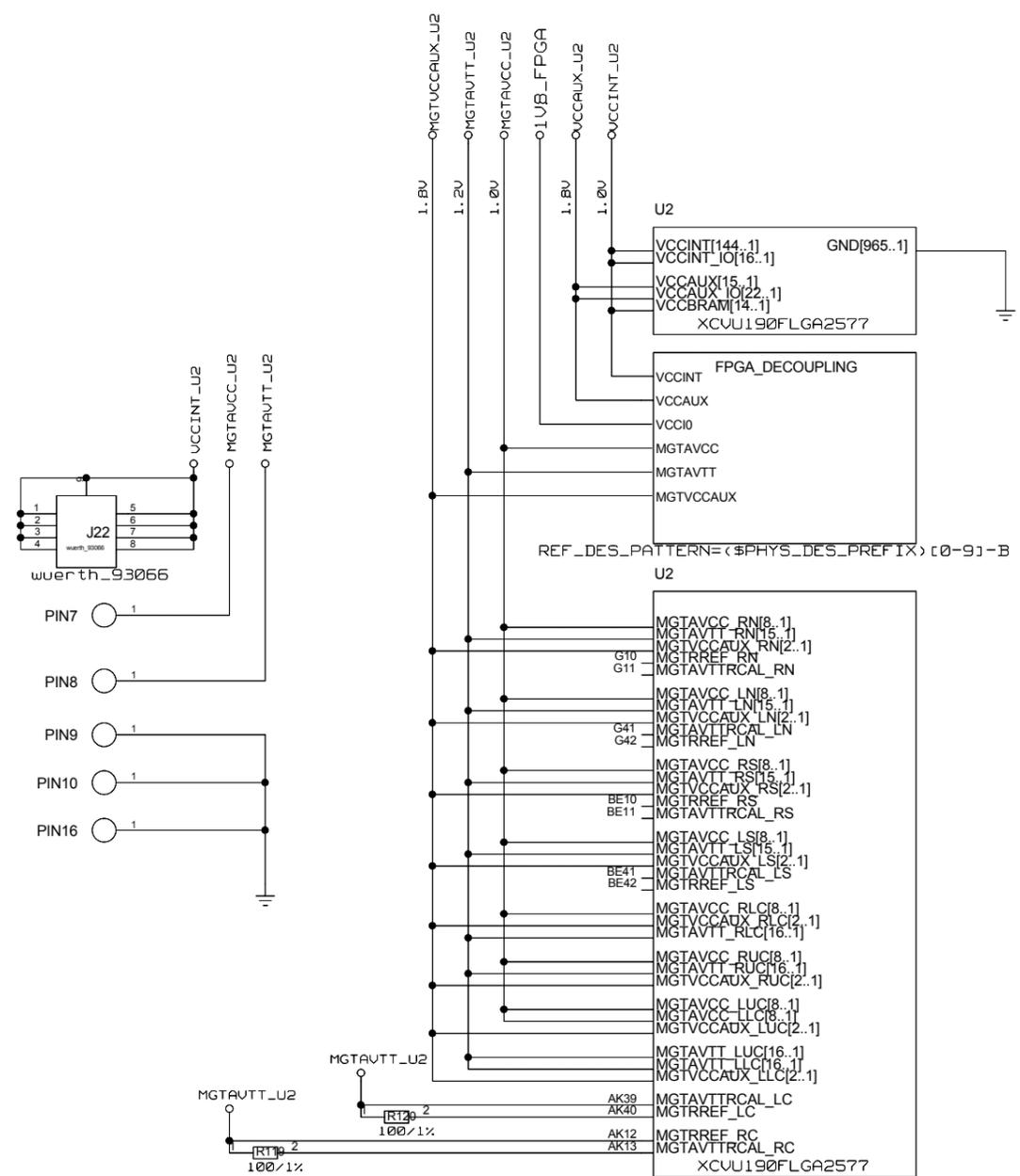
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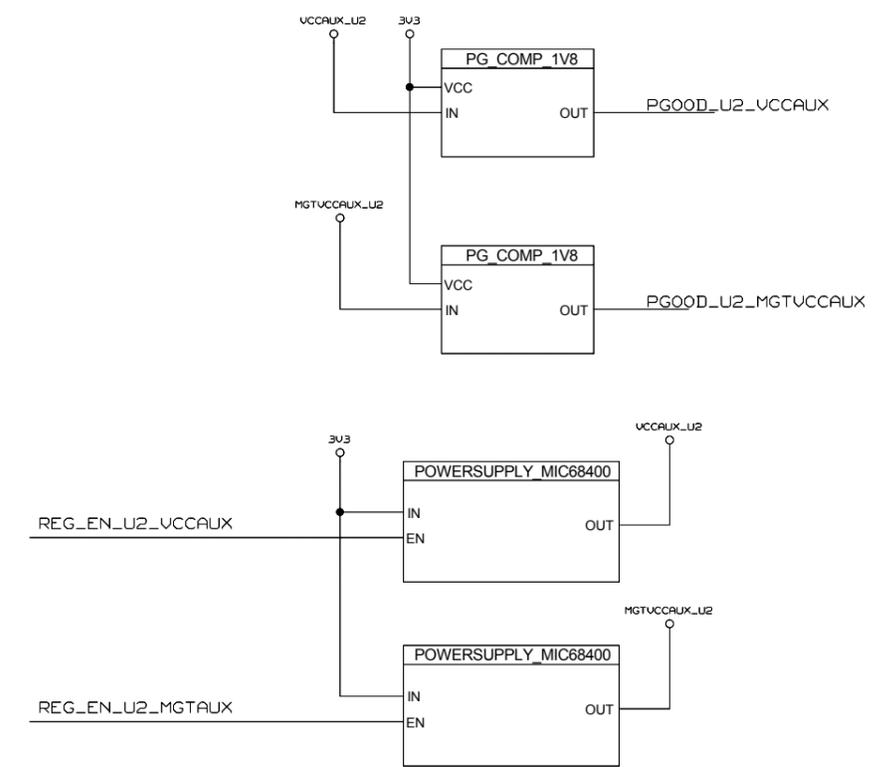


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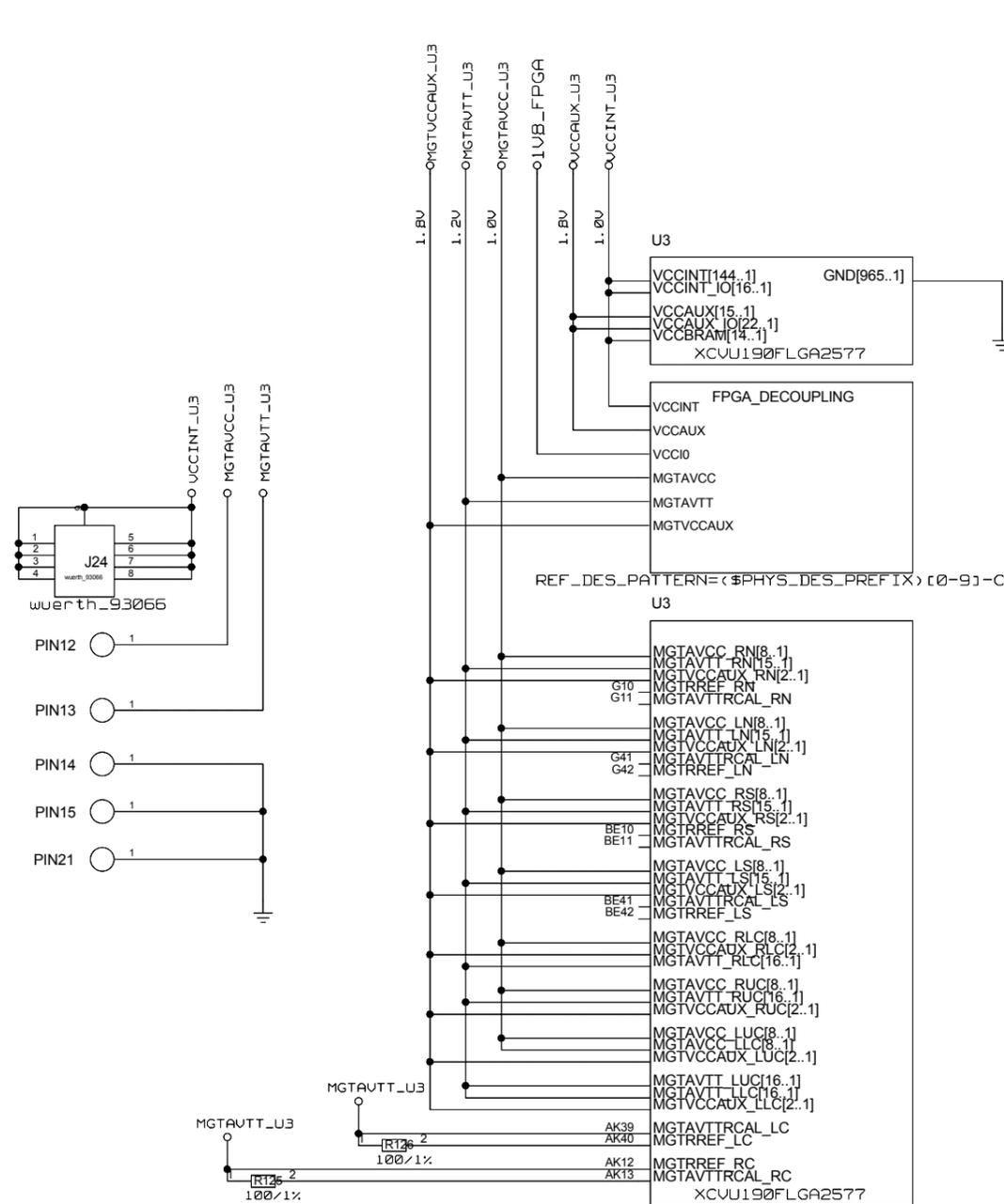


TRACE LENGTH FROM RESISTOR PINS
TO PIN SAME LENGTH
UG576 SHEET 297

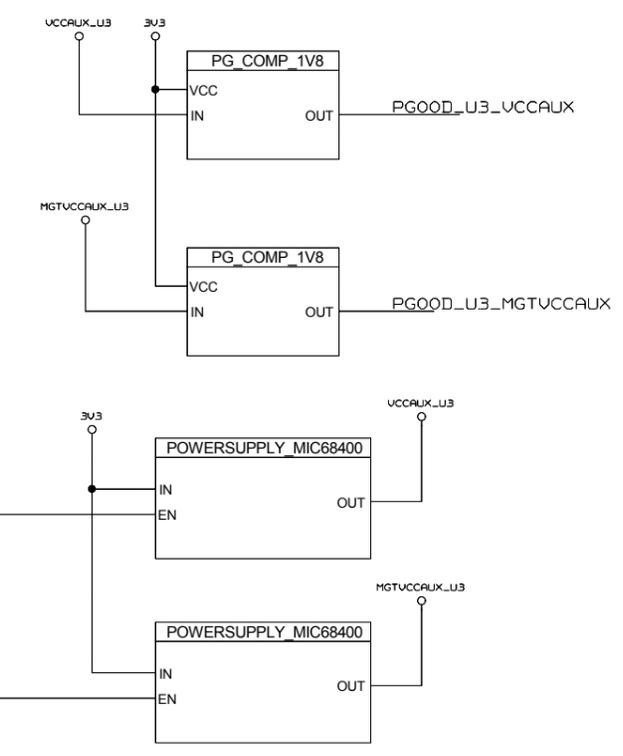
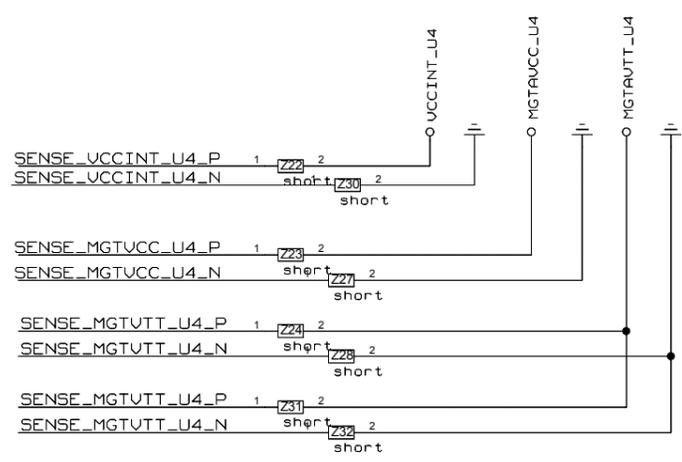
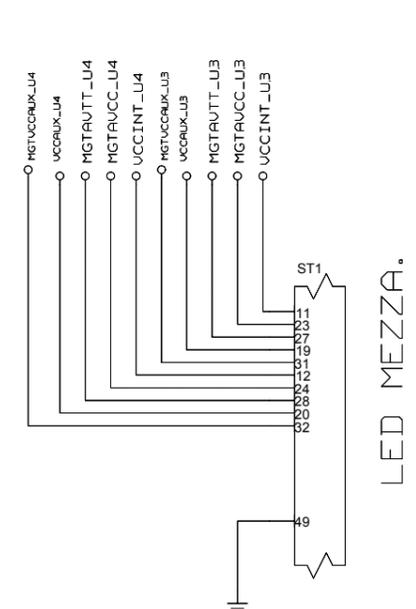
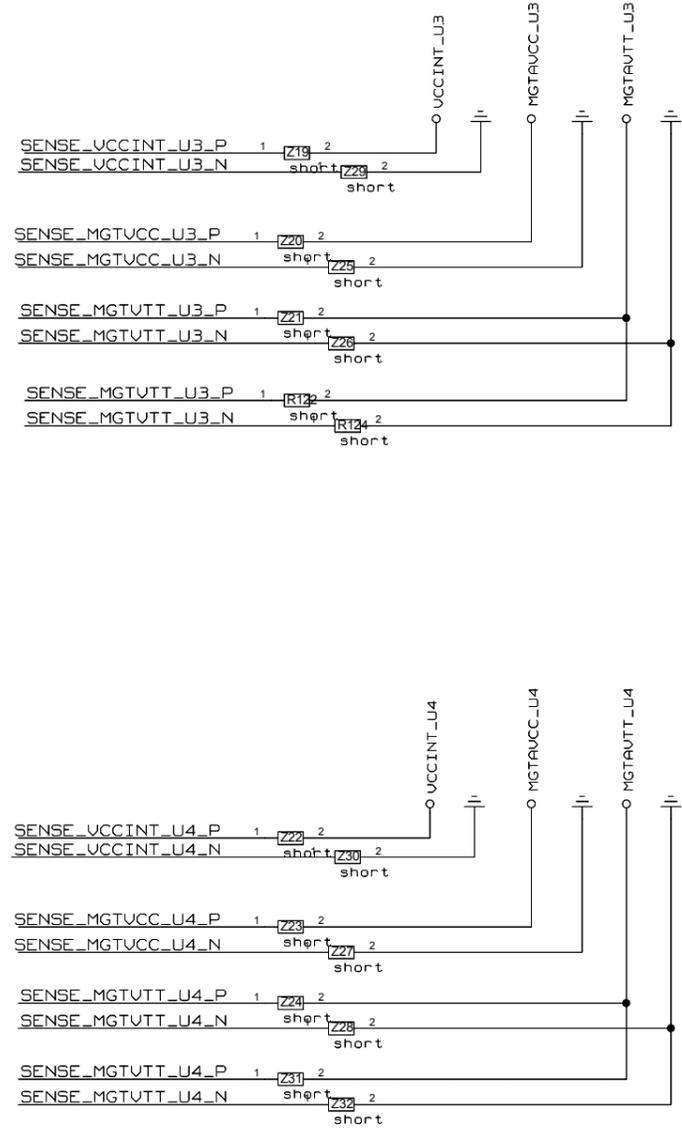
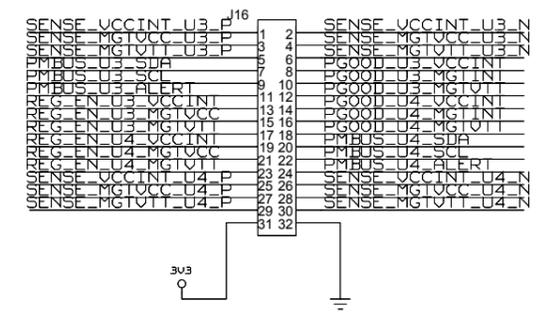


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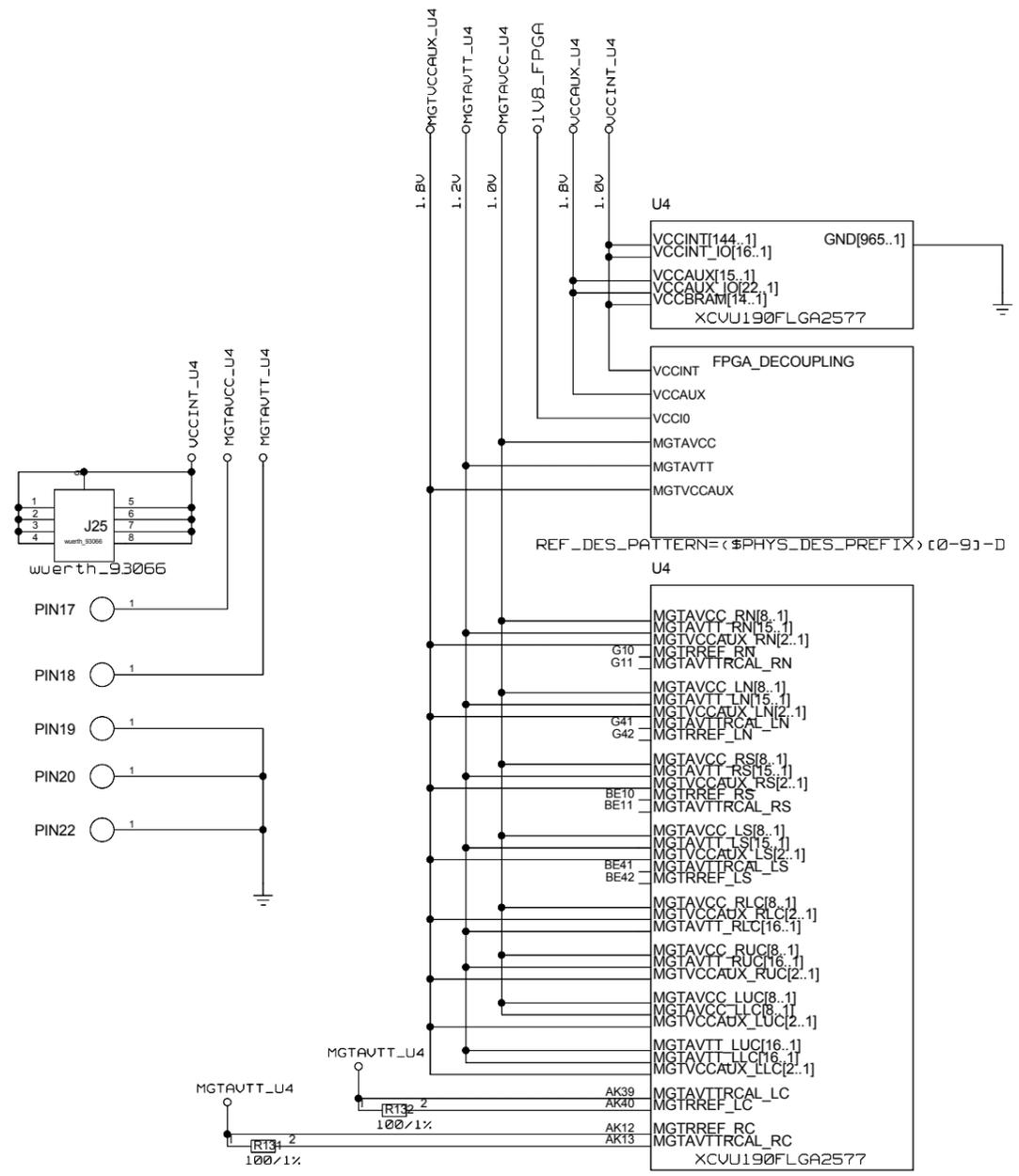


TRACE LENGTH FROM RESISTOR PINS
TO PIN SAME LENGTH
UG576 SHEET 297

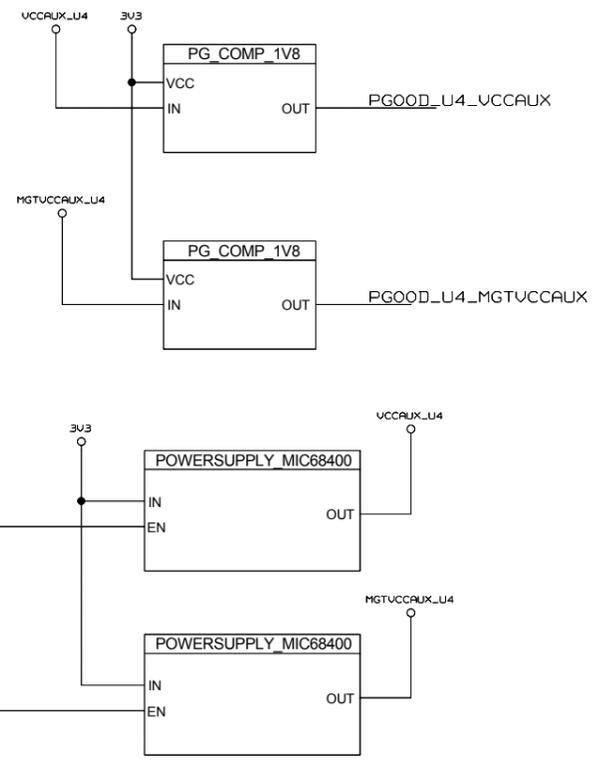


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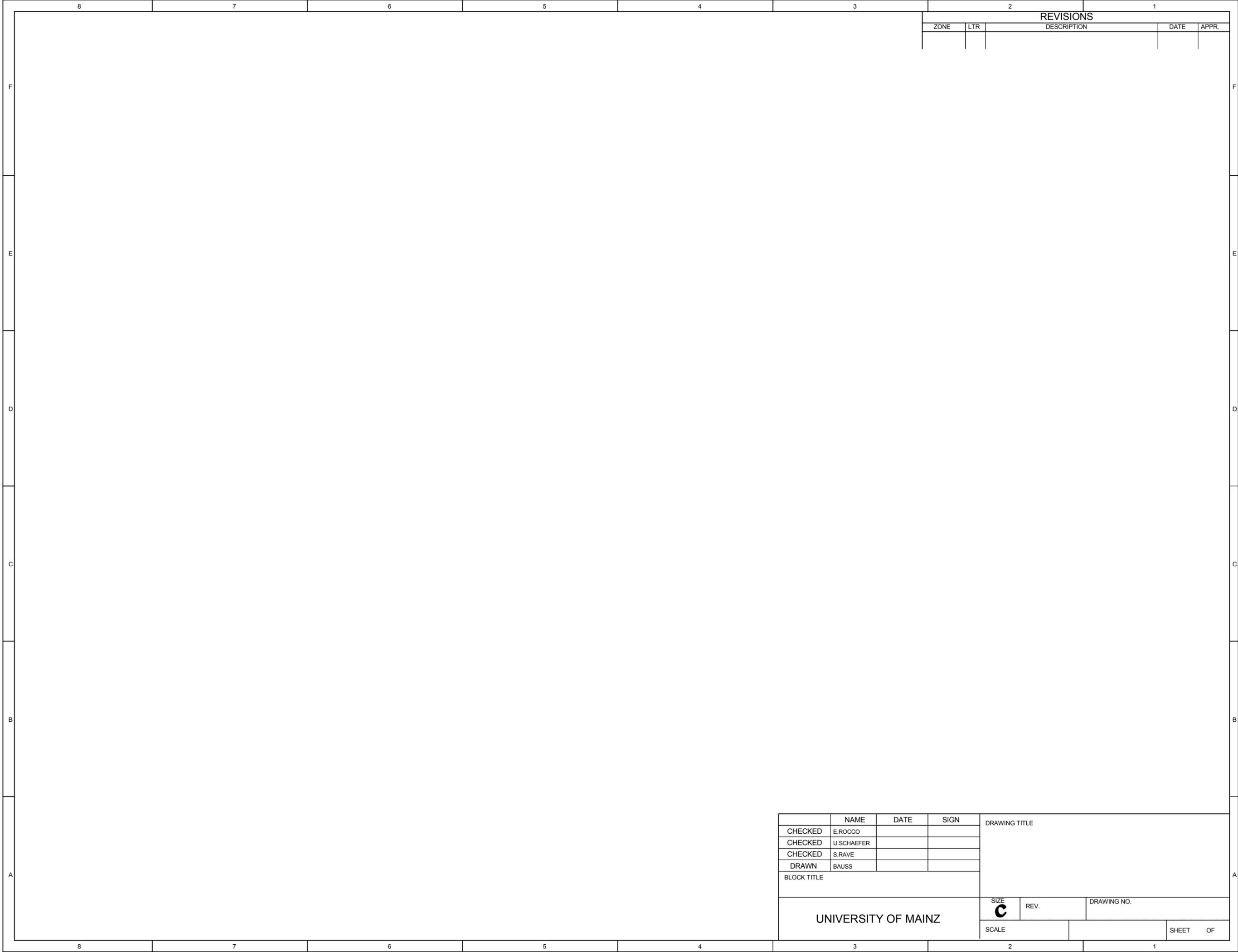
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TRACE LENGTH FROM RESISTOR PINS
TO PIN SAME LENGTH
UG576 SHEET 297



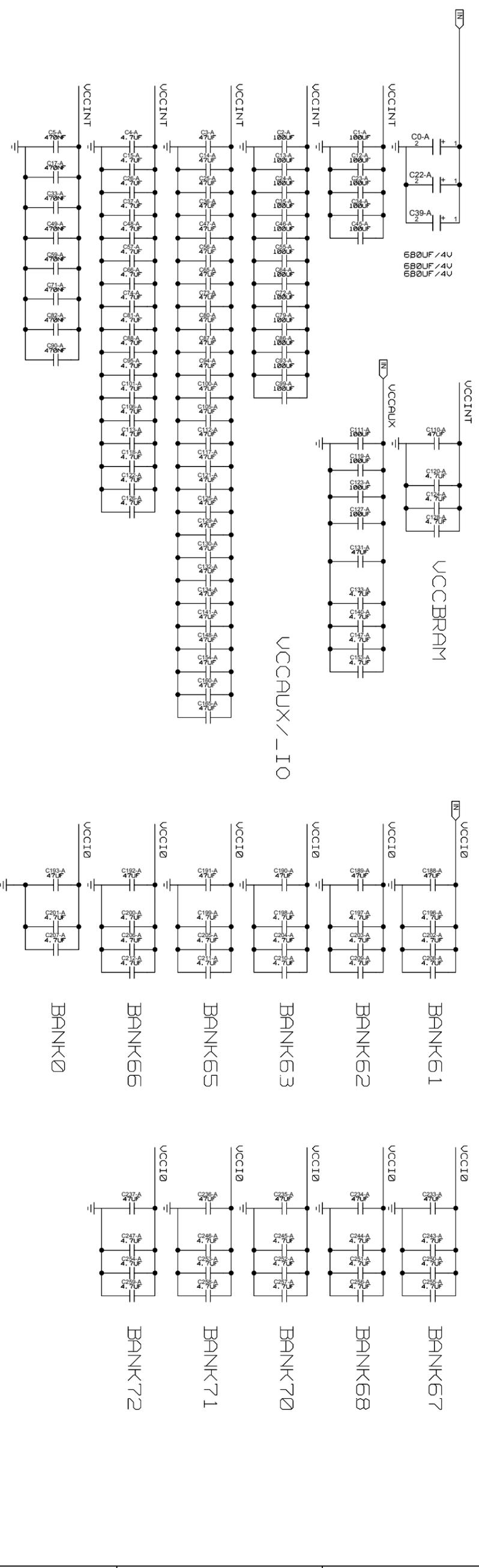
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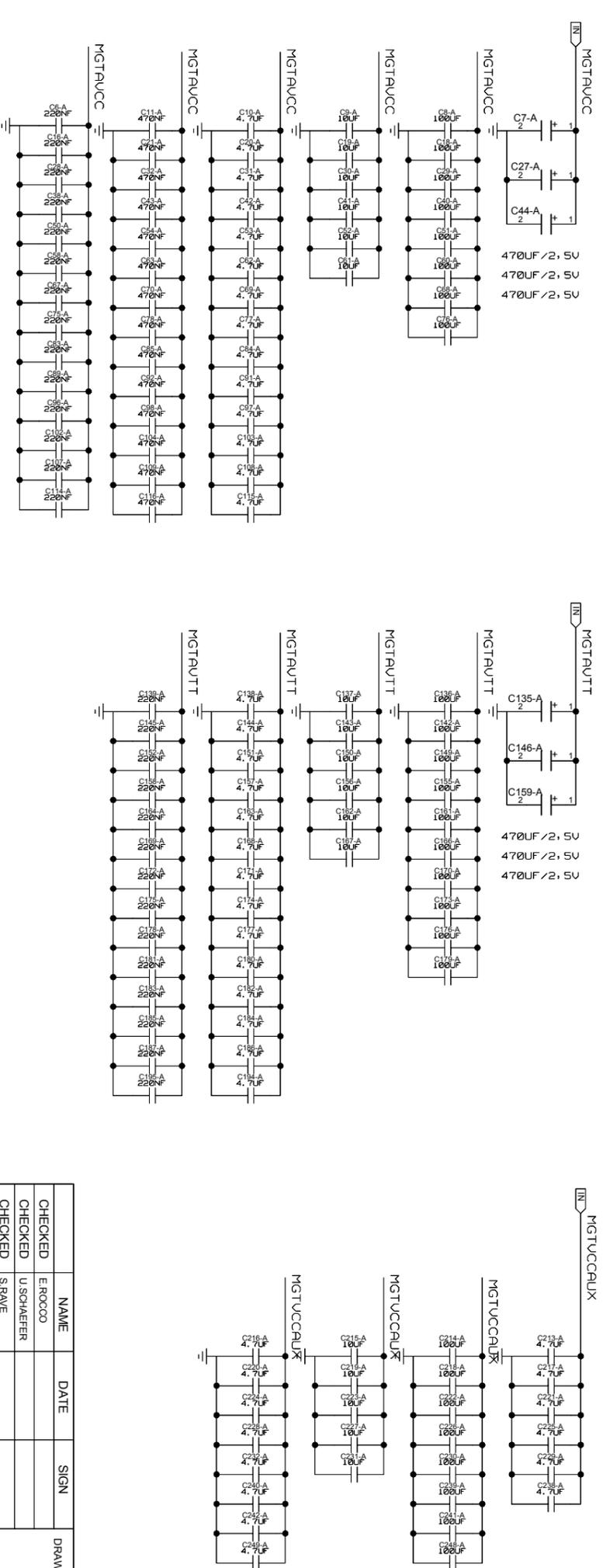
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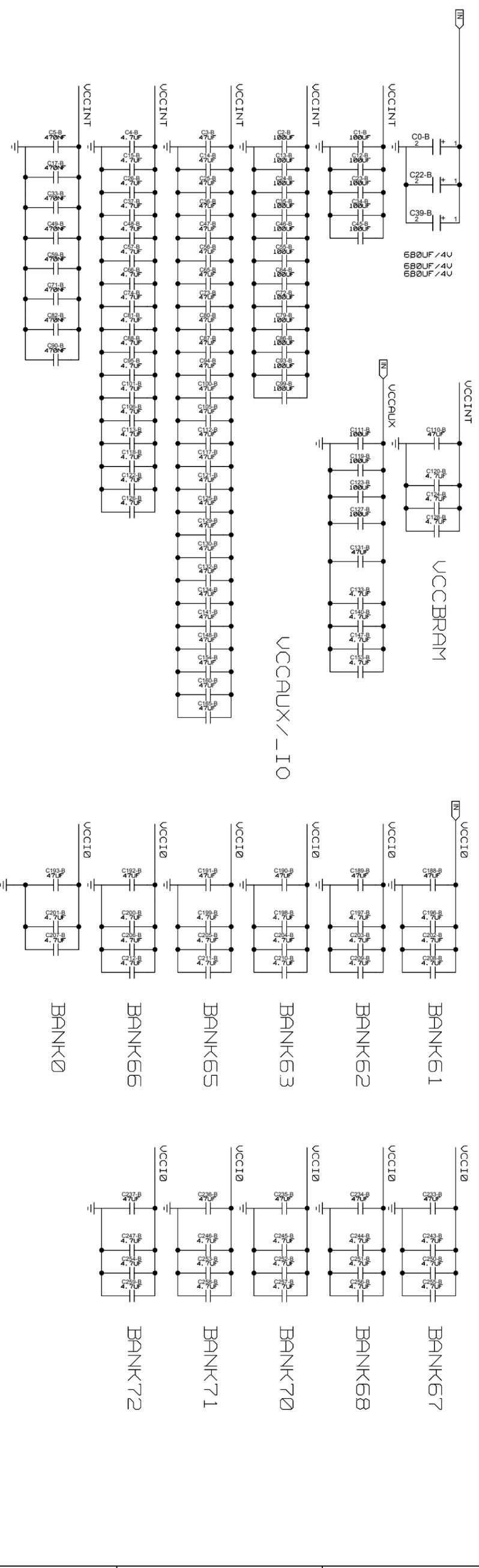
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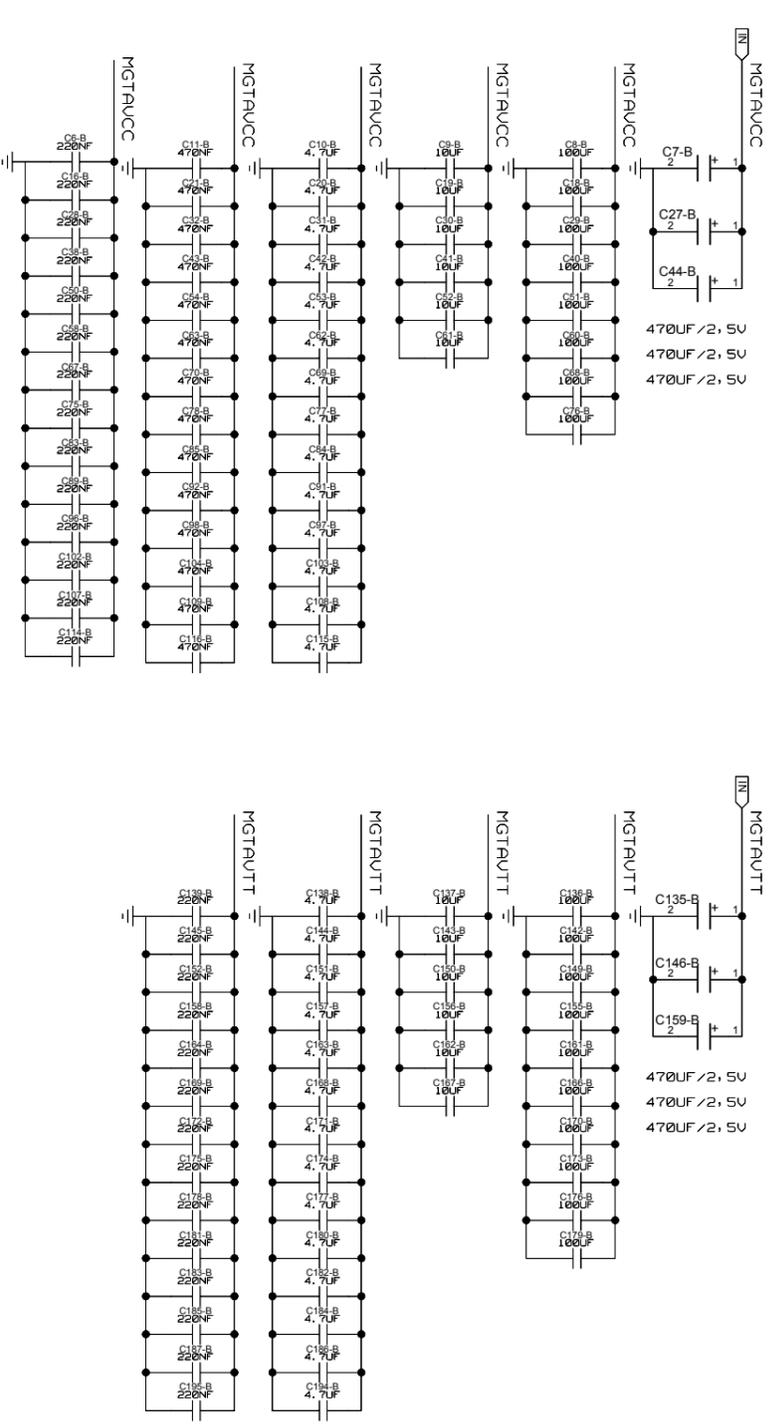
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MGT DECOUPLING



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UNIVERSITY OF MAINZ

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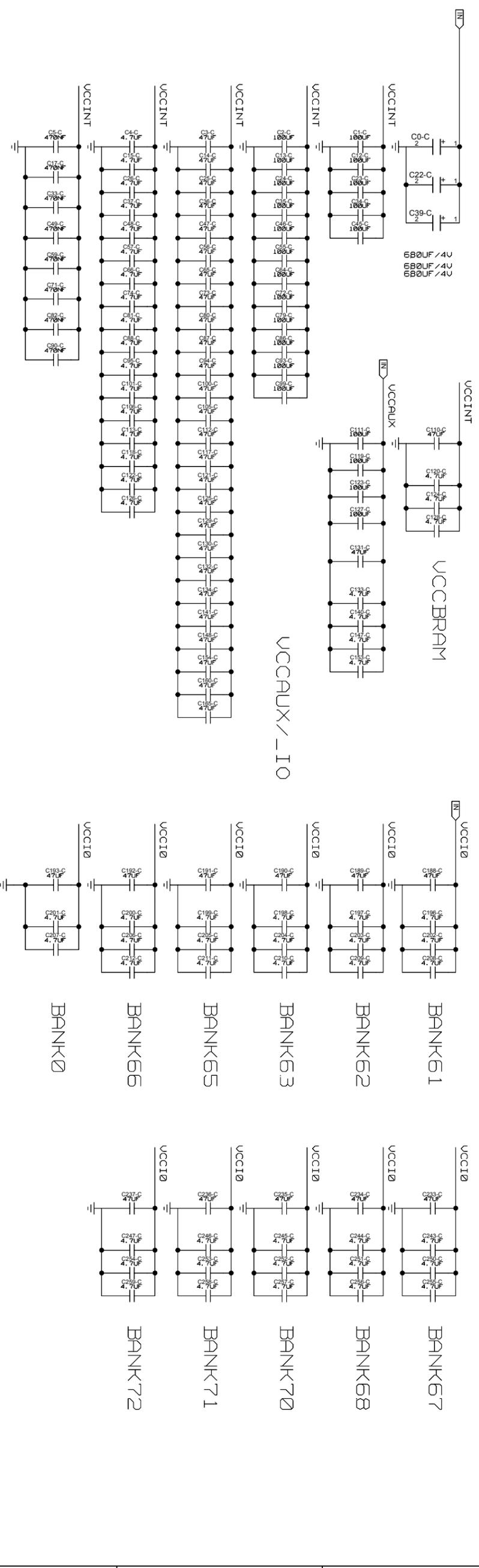
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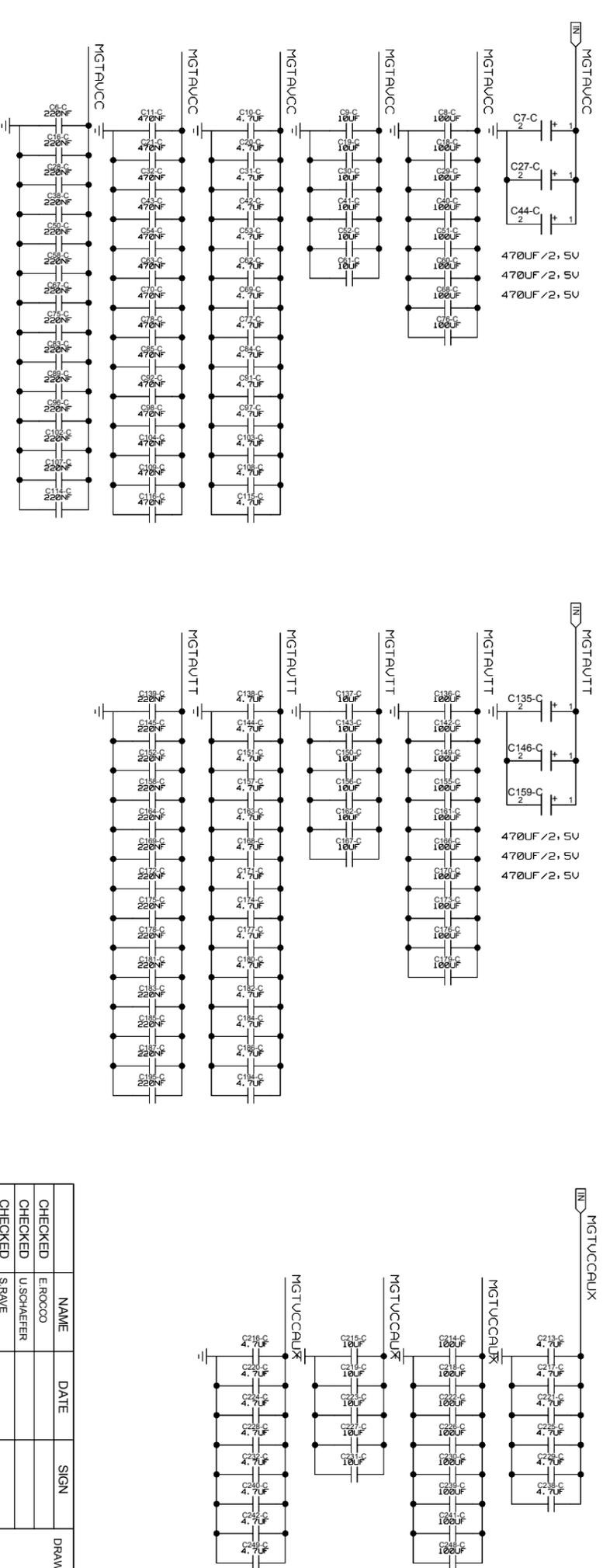
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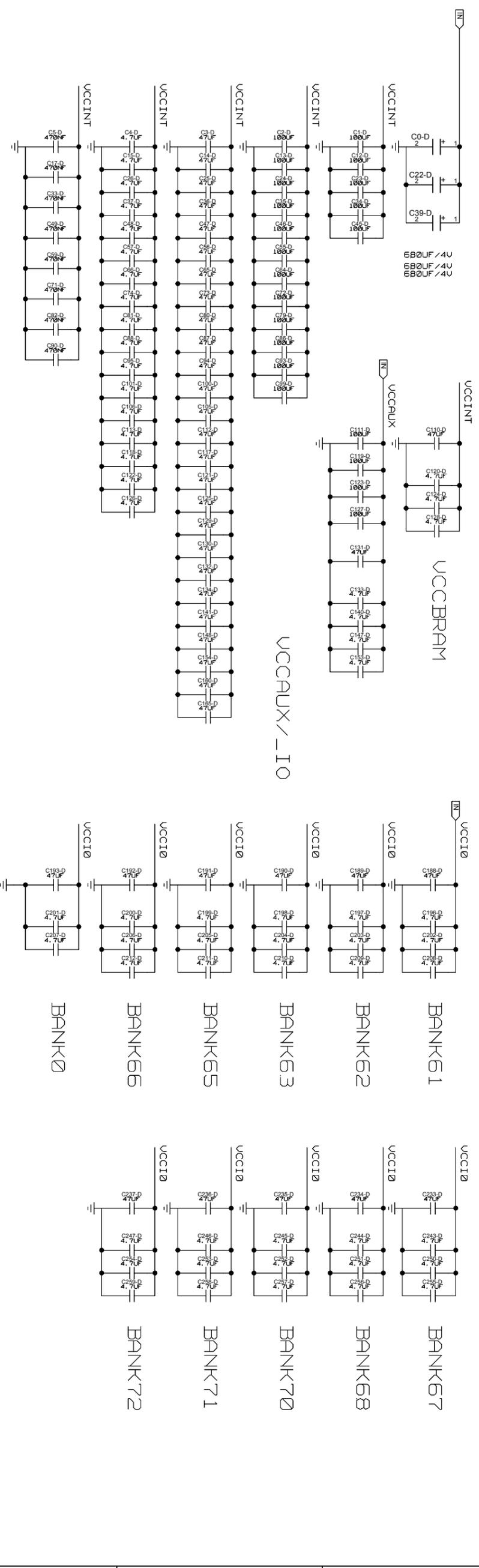
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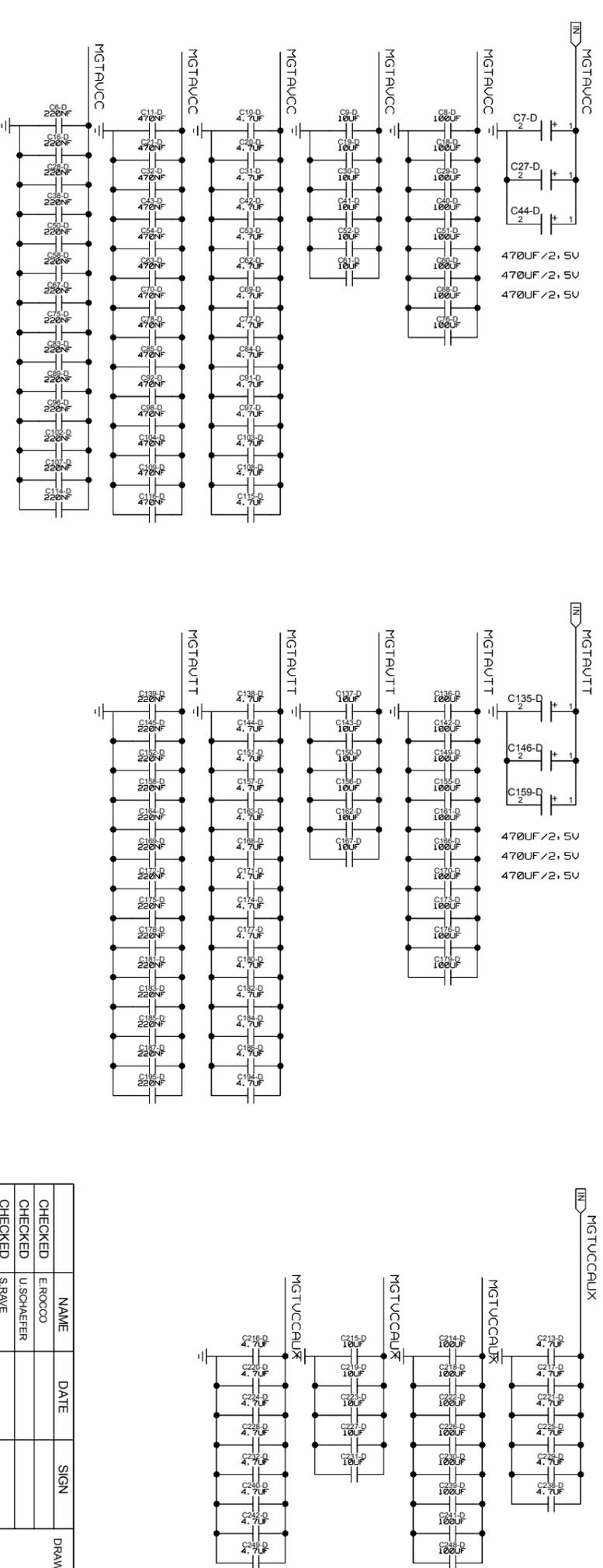
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REVISIONS		DATE	APPR.
ZONE	LTR	DESCRIPTION	



MGT DECOUPLING



NAME	DATE	SIGN	DRAWING TITLE
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UNIVERSITY OF MAINZ

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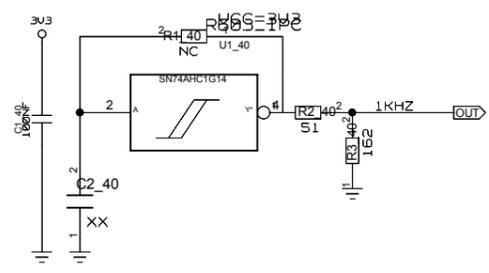
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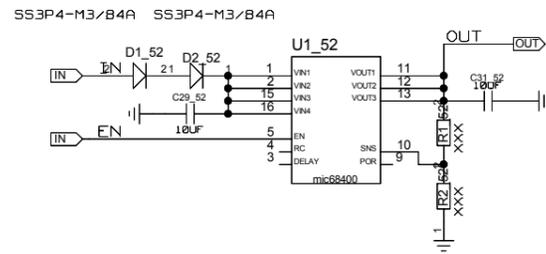
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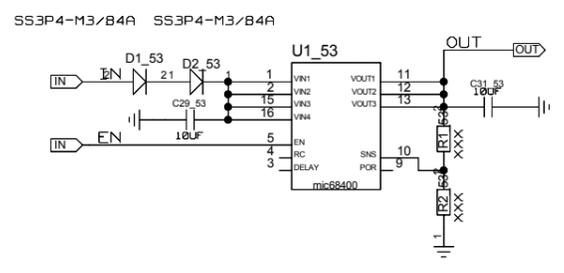
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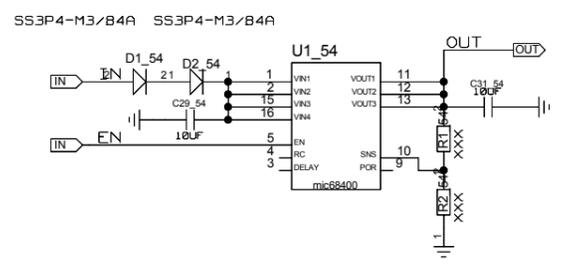
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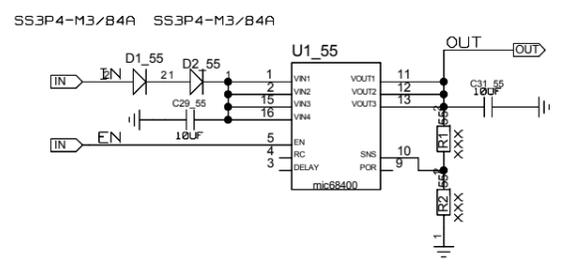
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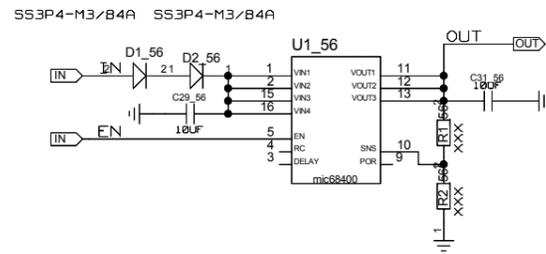
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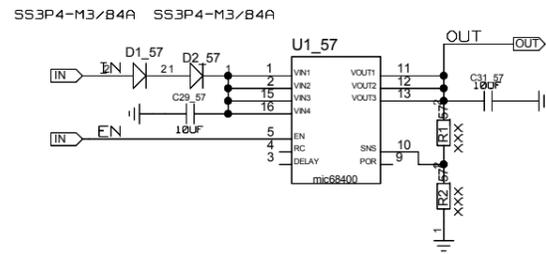
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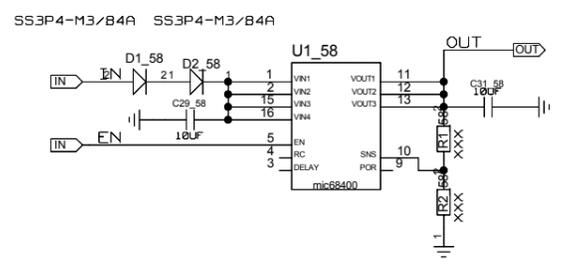
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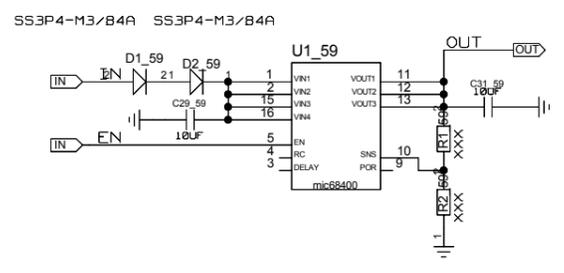
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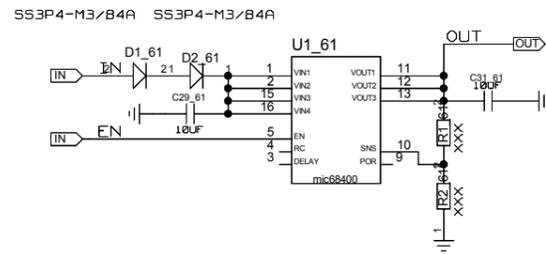
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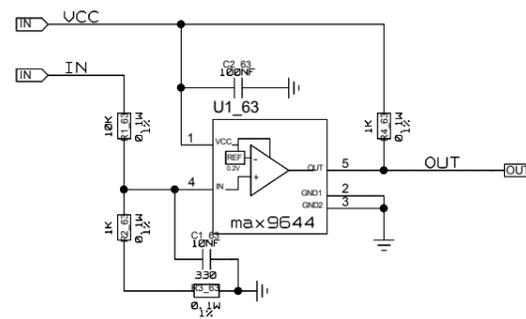
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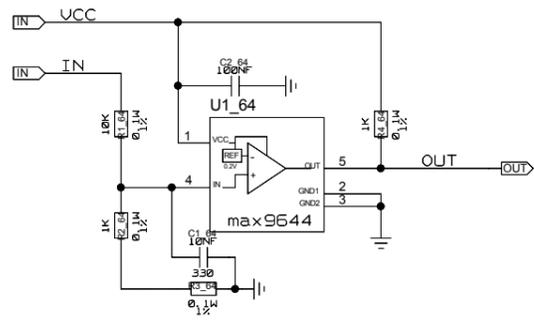
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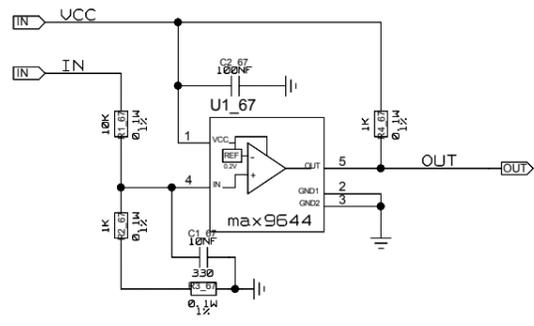
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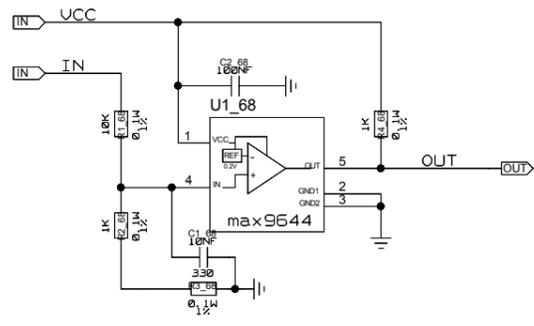
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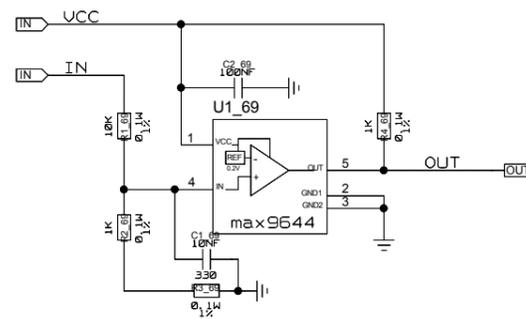
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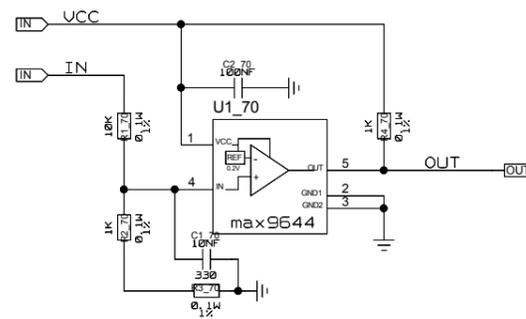
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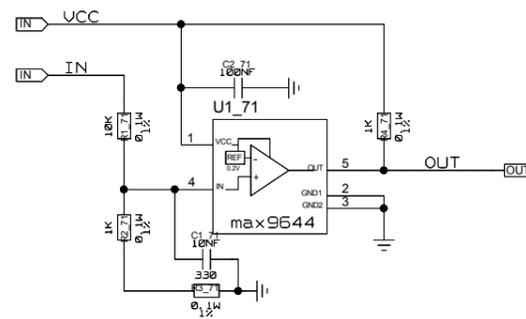
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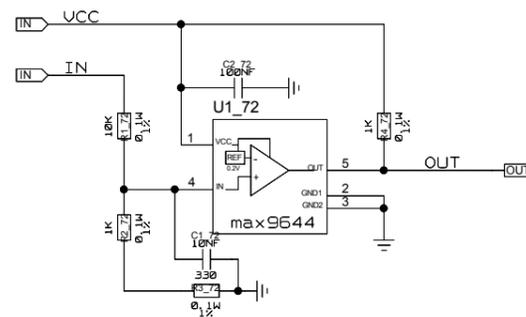
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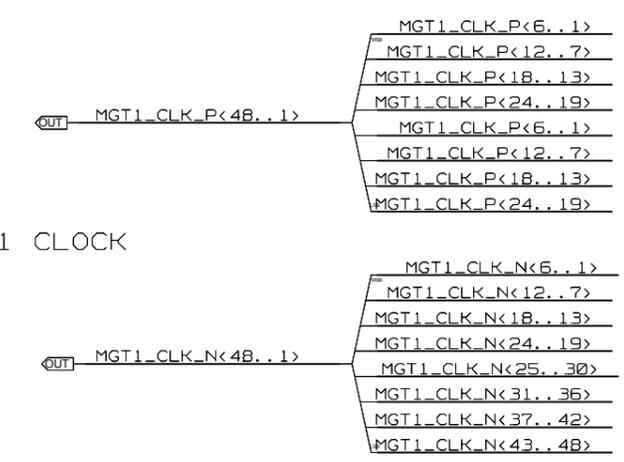
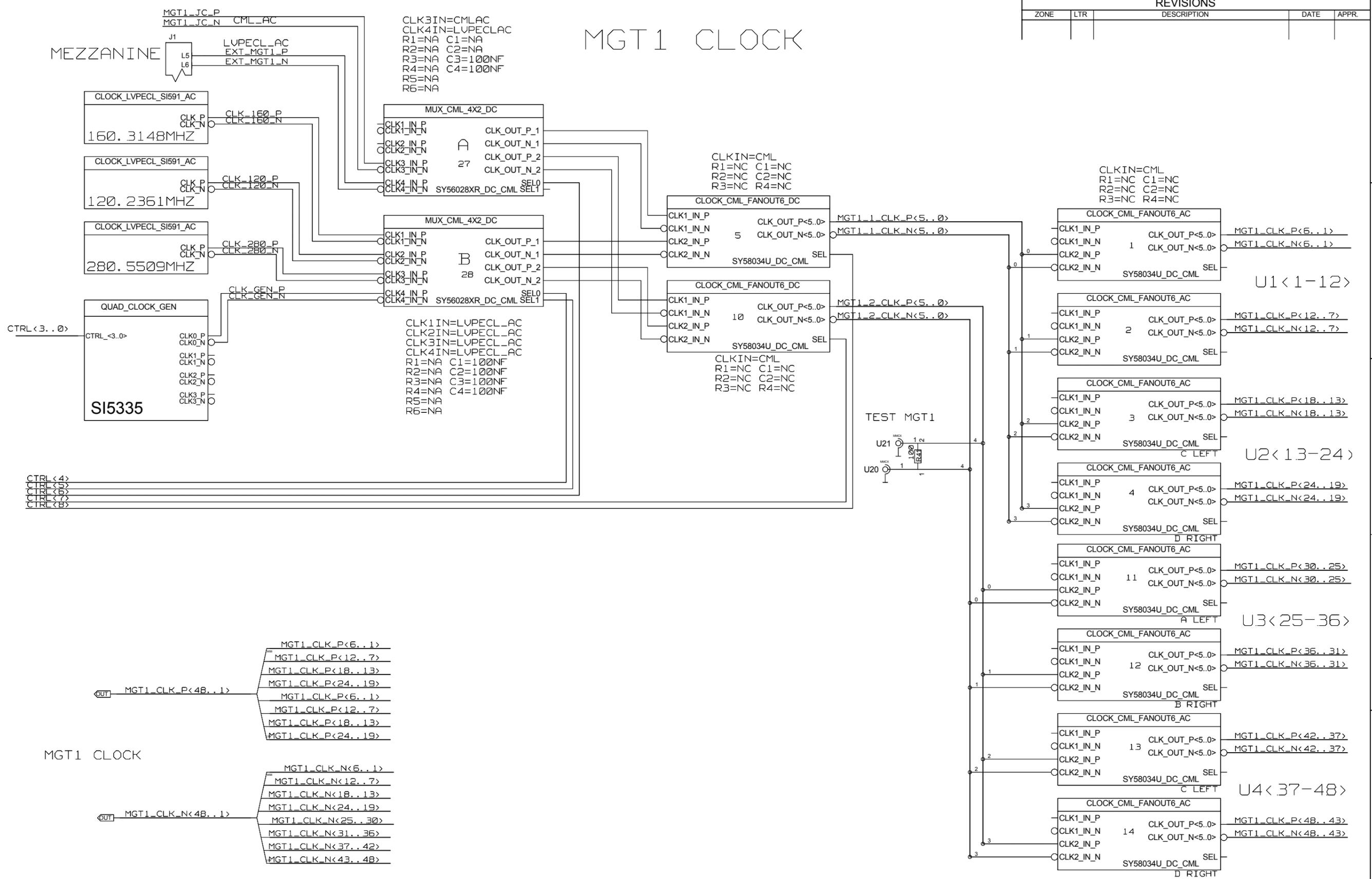
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ZONE	LTR	DESCRIPTION	DATE

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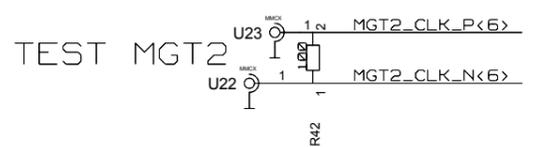
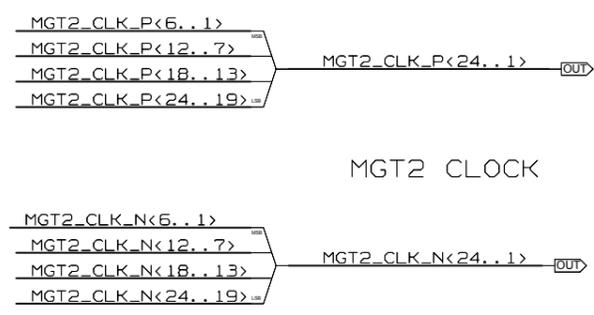
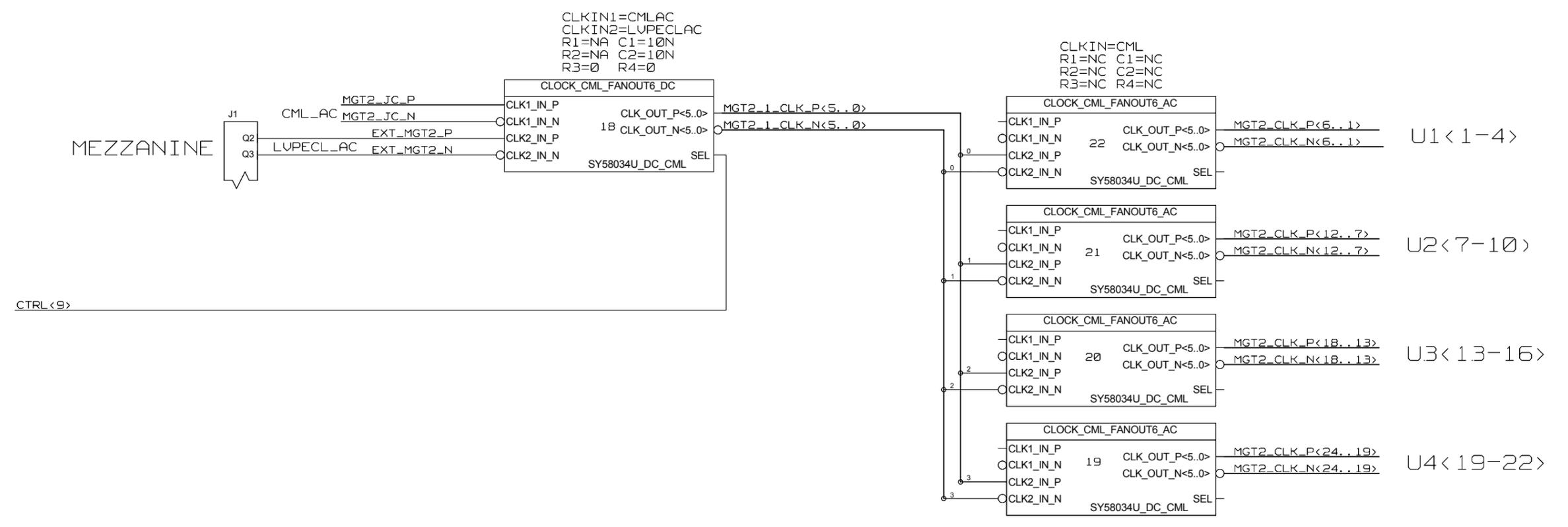


UPDATE PICK & PLACE DATA FOR FANOUT AND MUX

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SCALE				SHEET 1 of 5

MGT2 CLOCK

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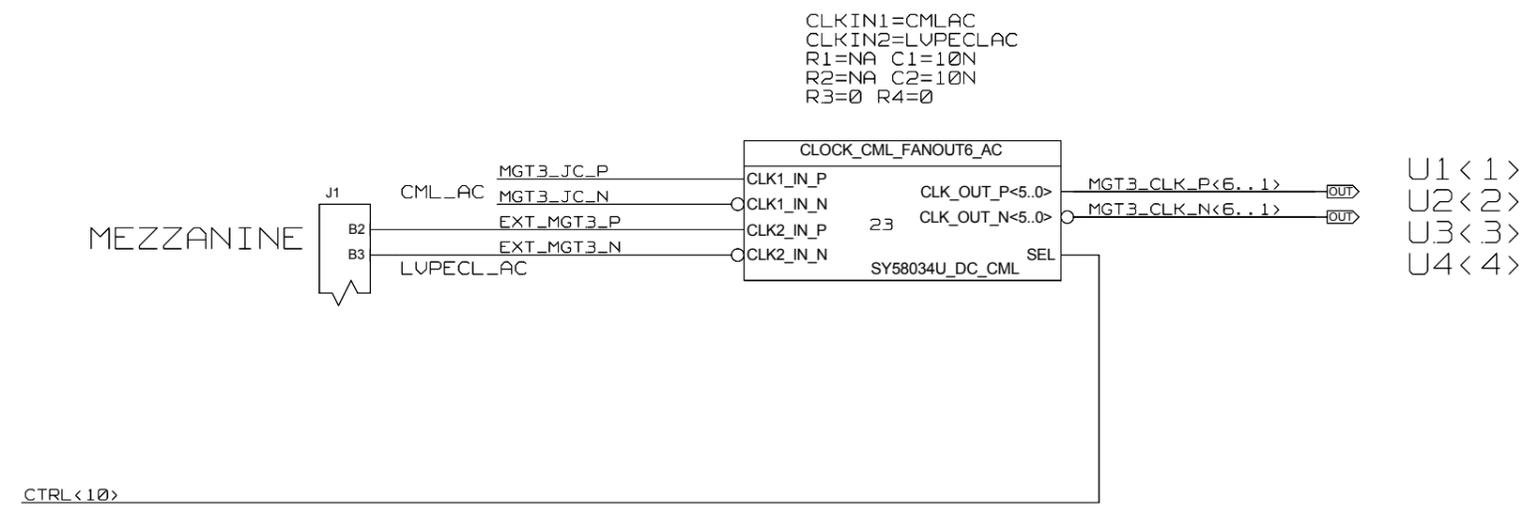


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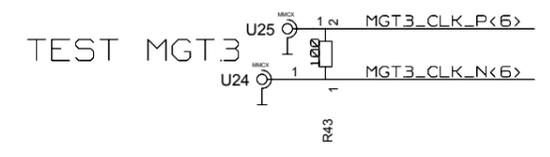
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SCALE			REV.	SHEET 2 OF 5

MGT.3 CLOCK

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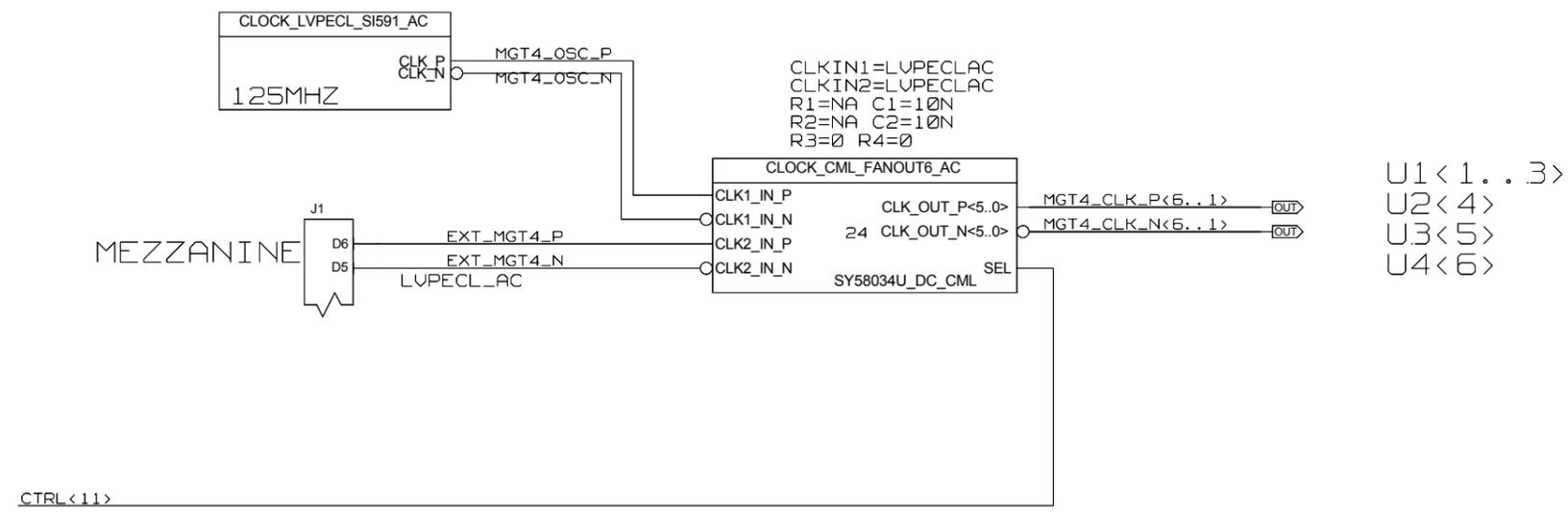


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				C	
SCALE					SHEET 3 OF 5

MGT4 CLOCK

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



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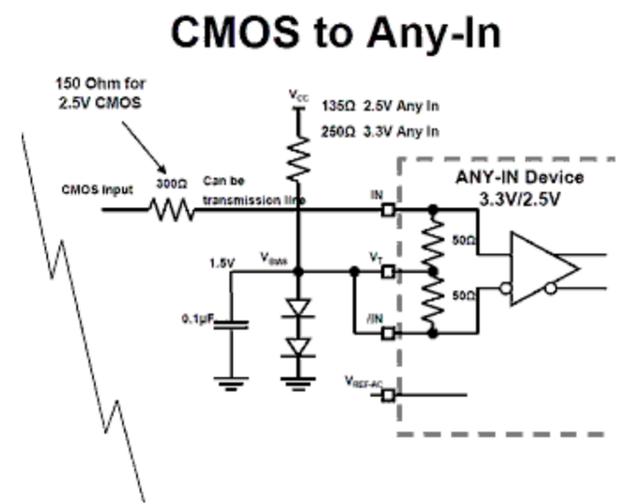
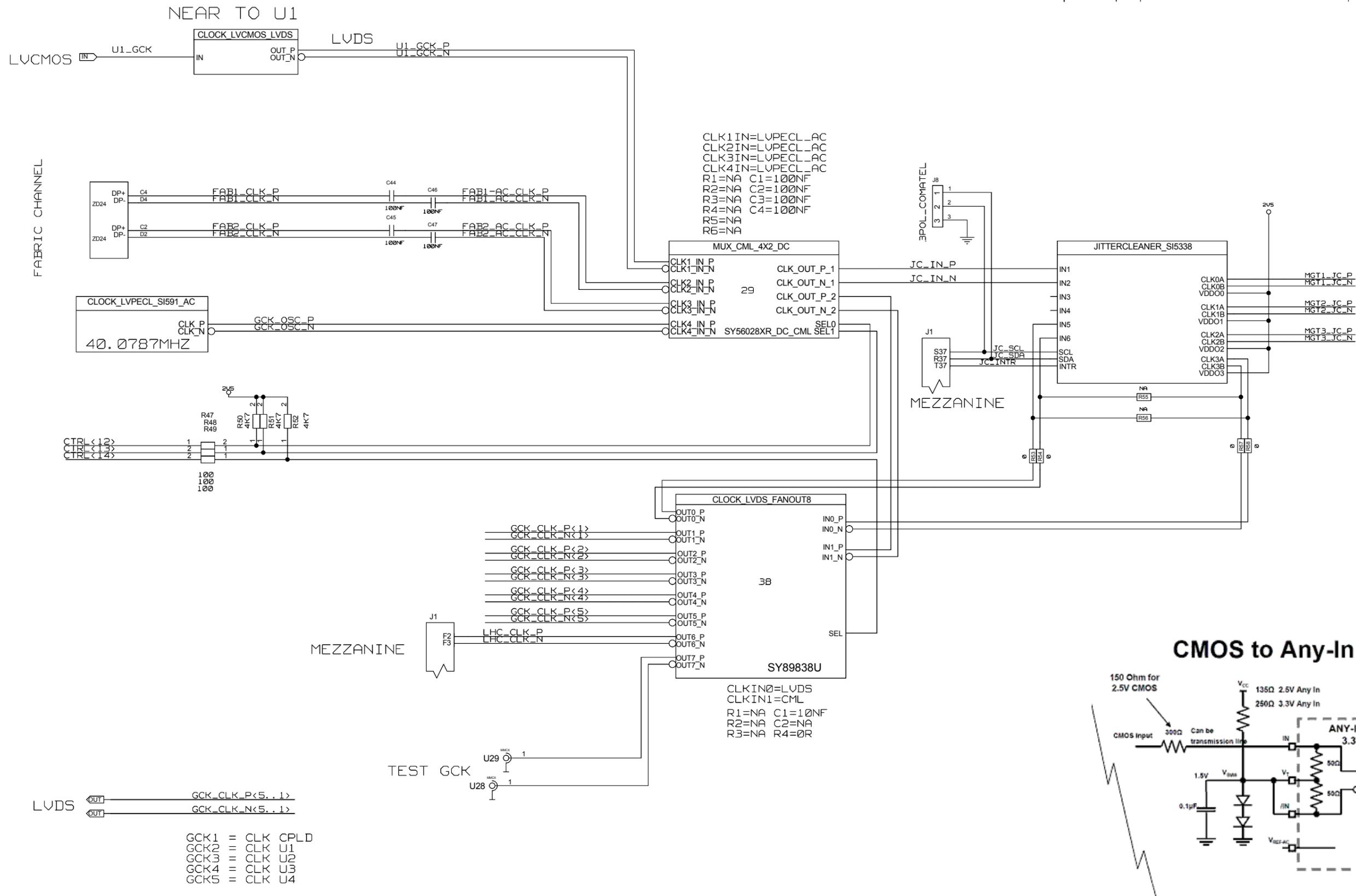
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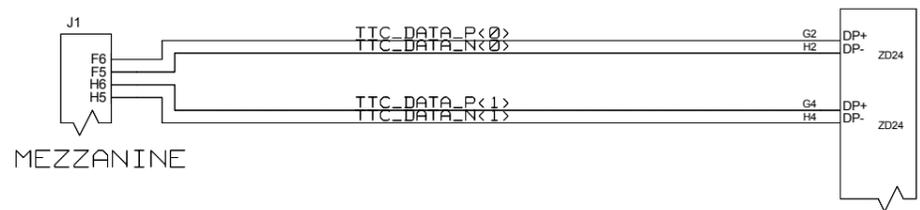
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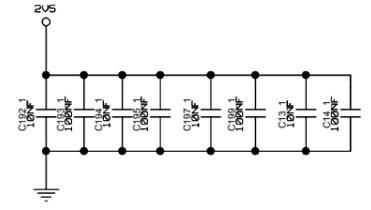
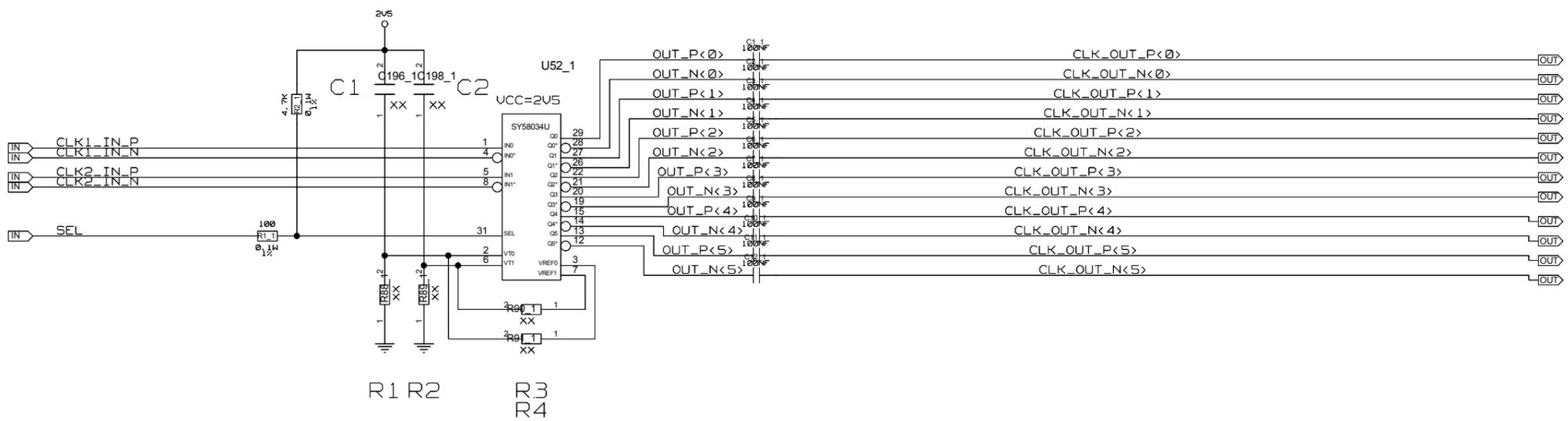
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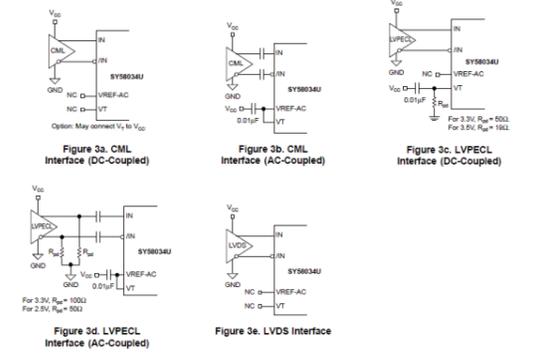


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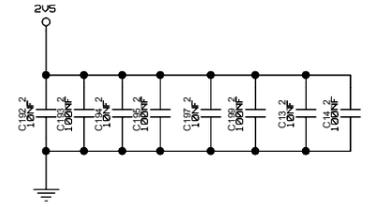
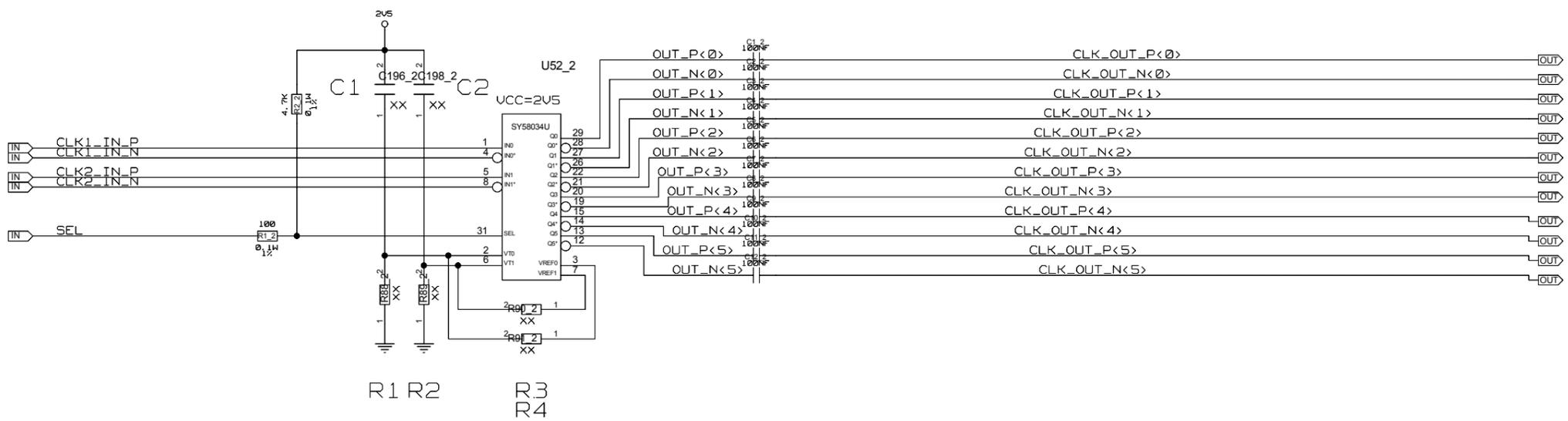


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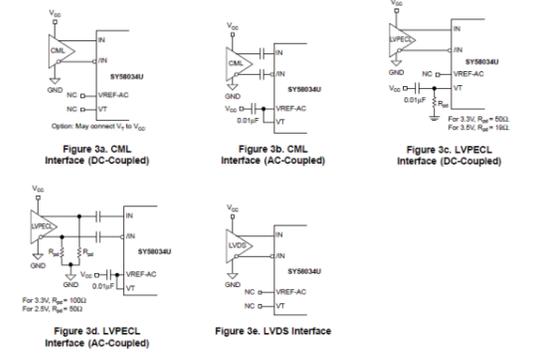


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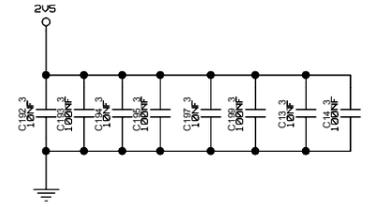
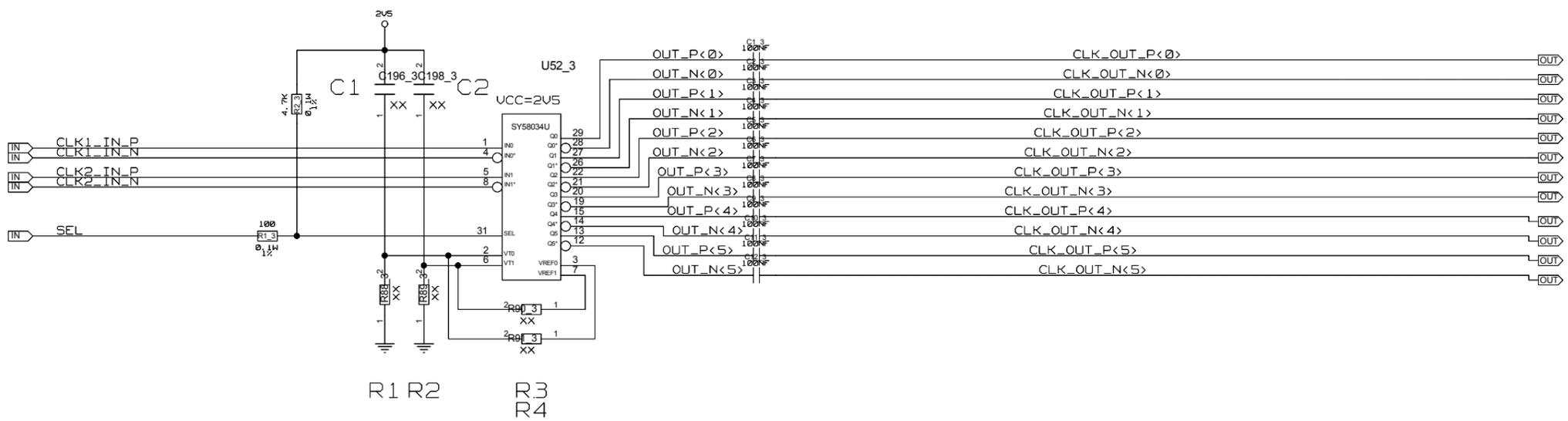


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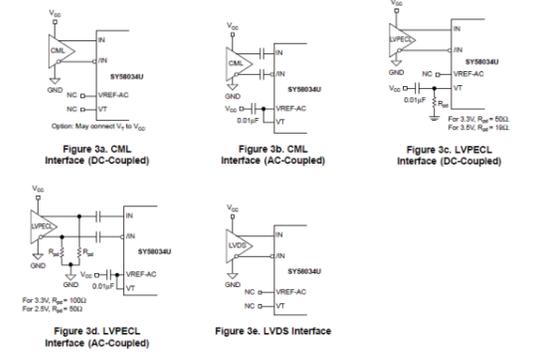


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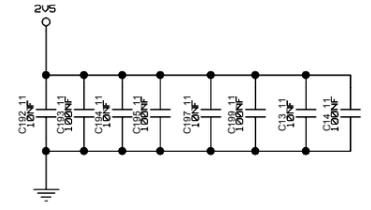
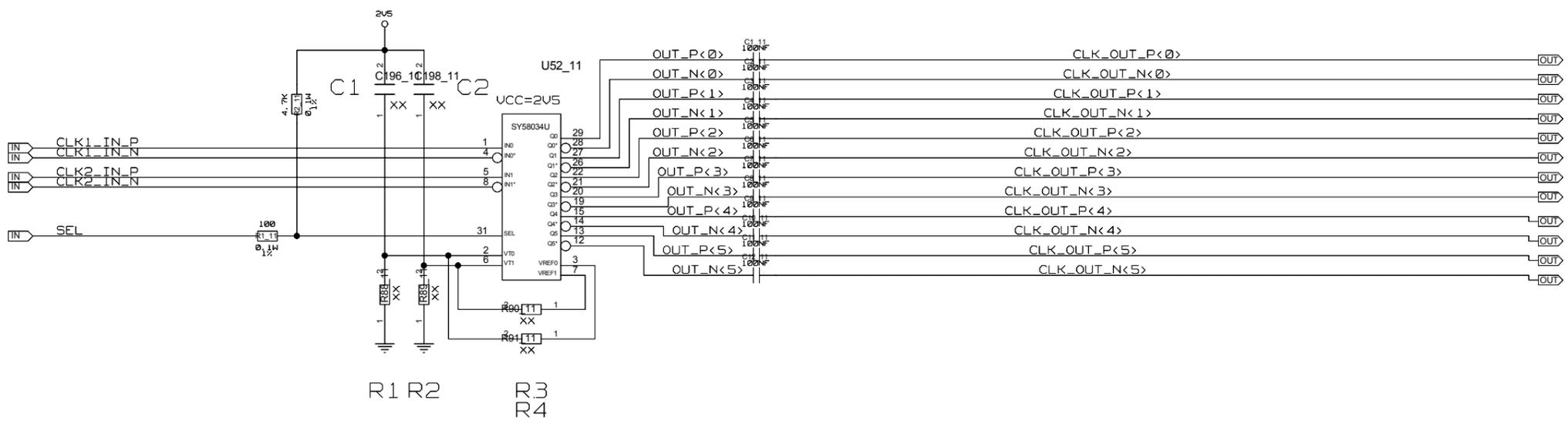


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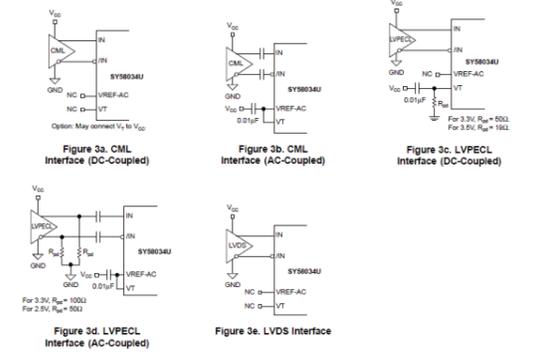


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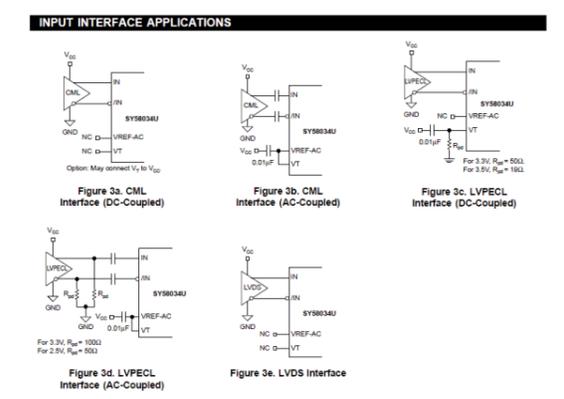
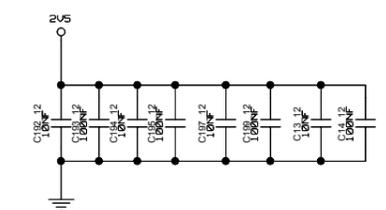
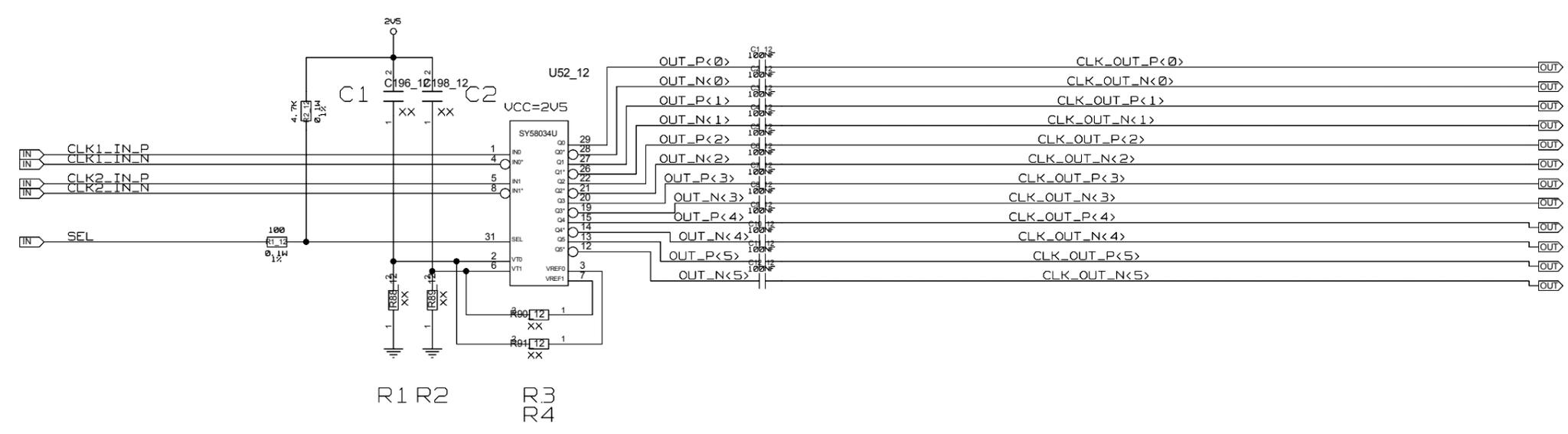


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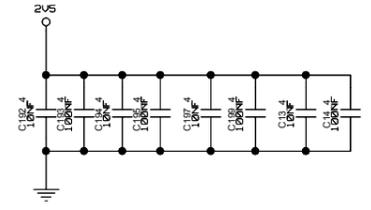
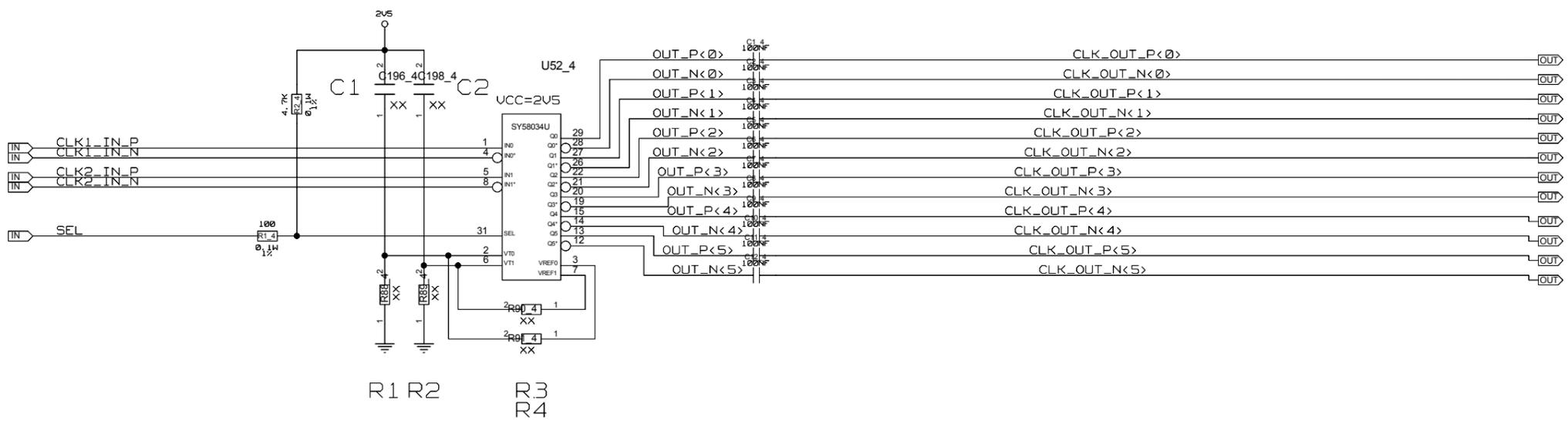
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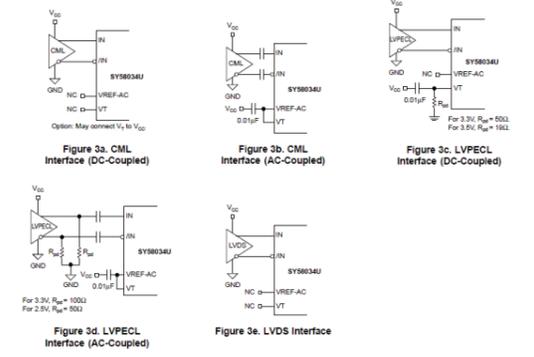


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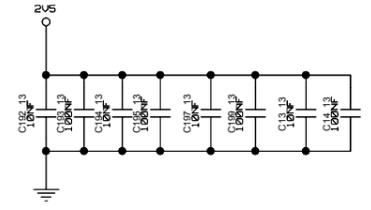
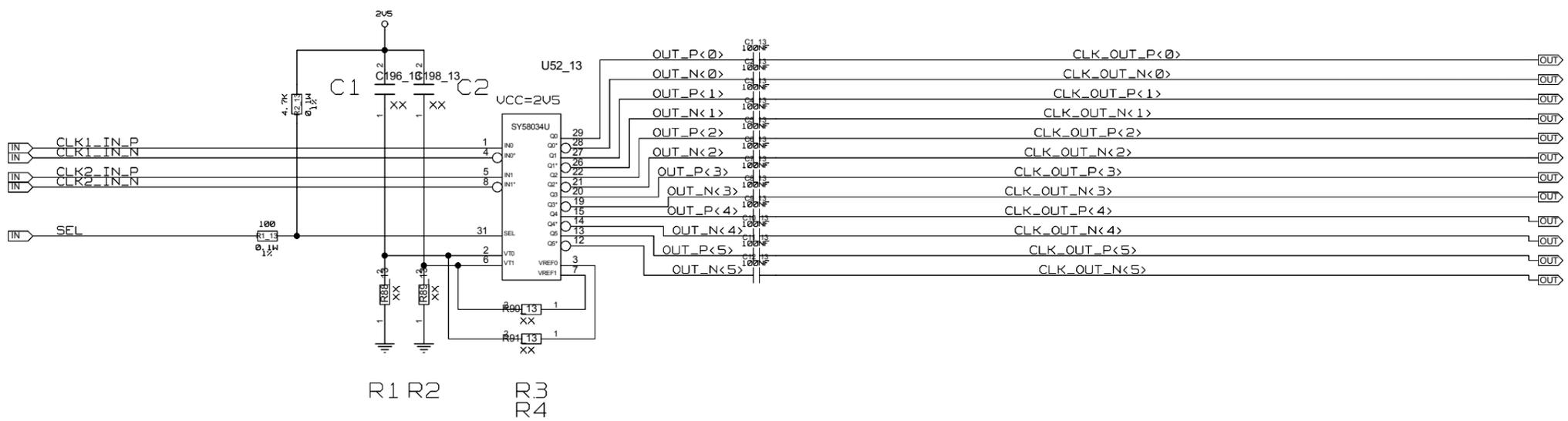


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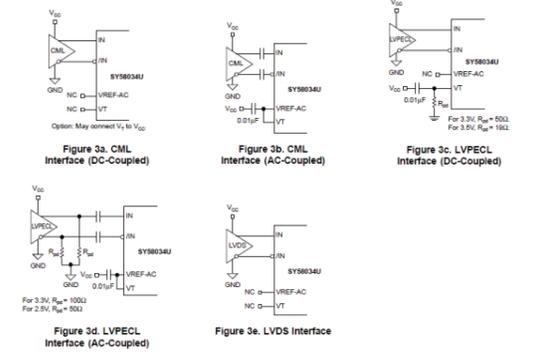


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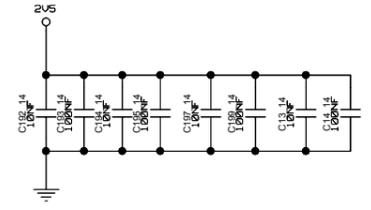
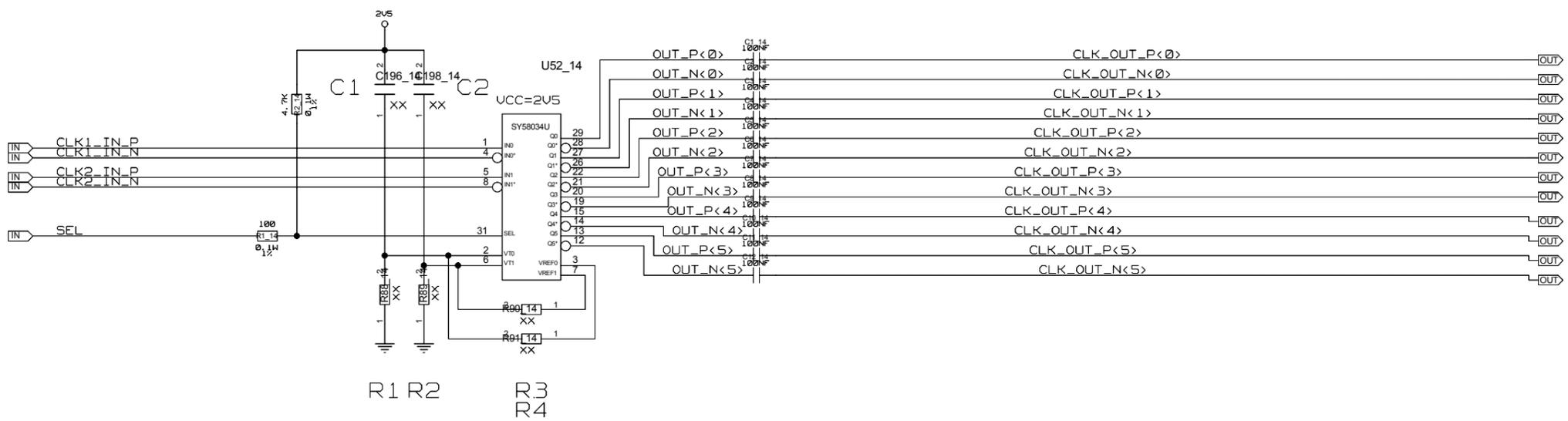


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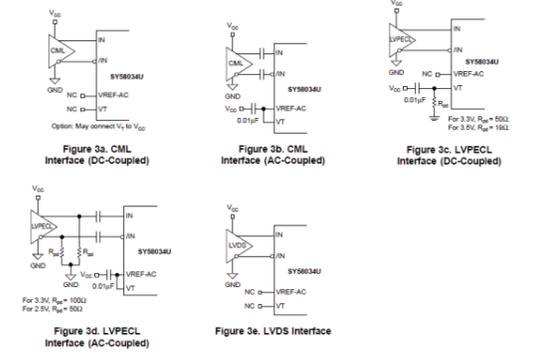


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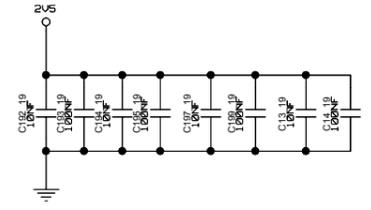
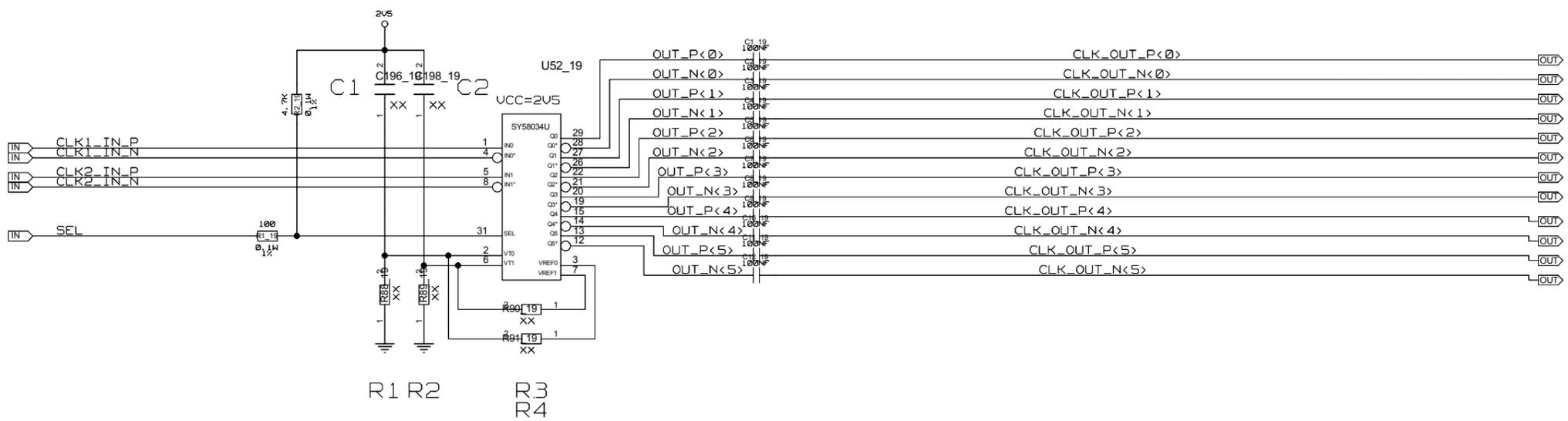


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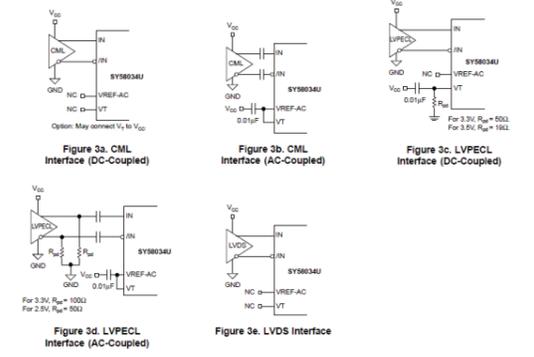


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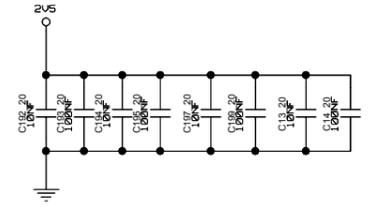
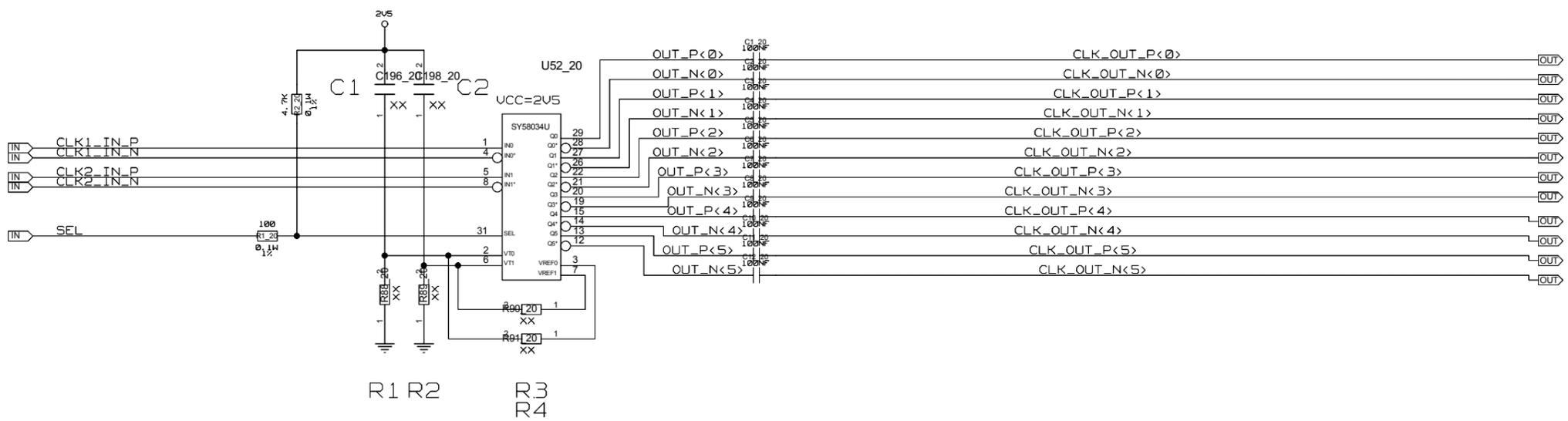


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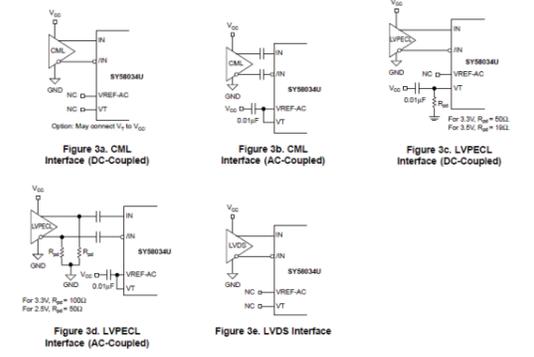


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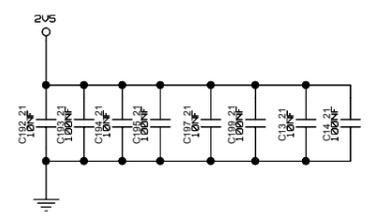
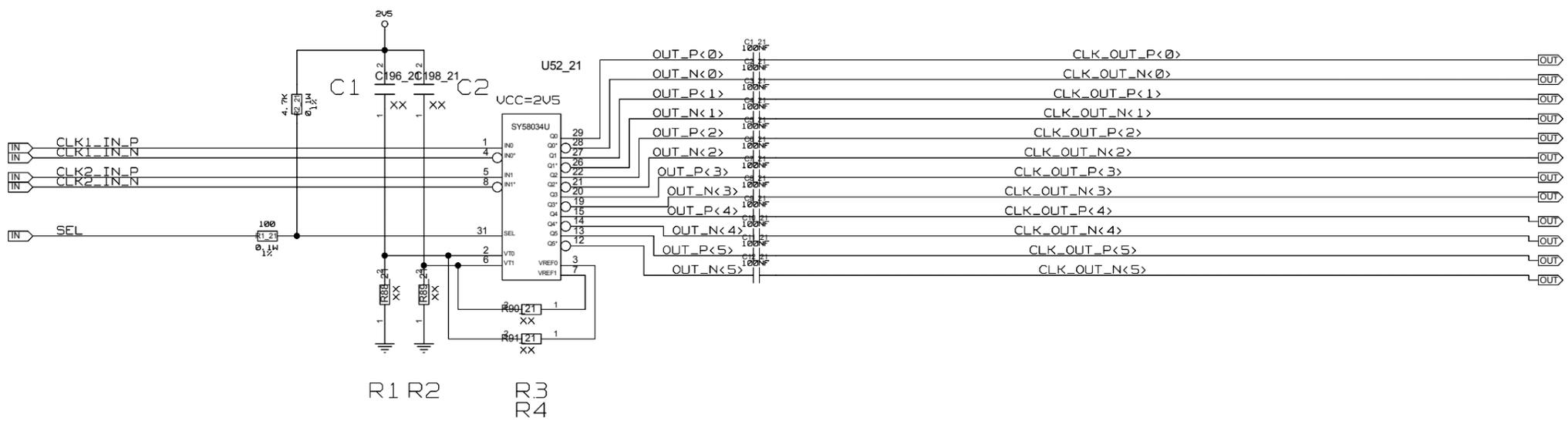


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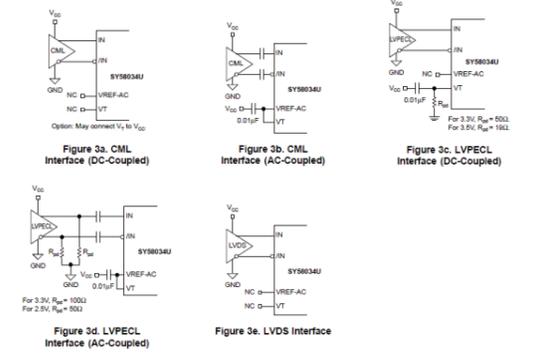


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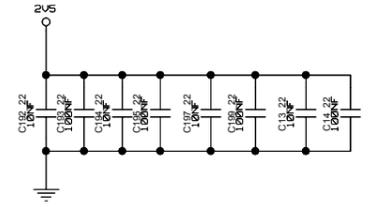
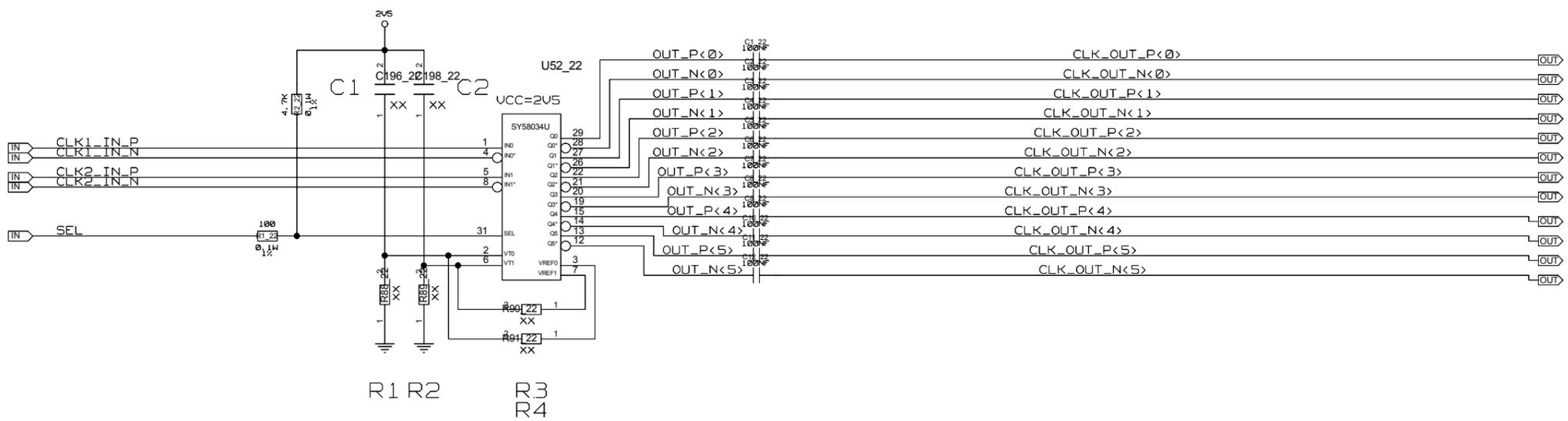


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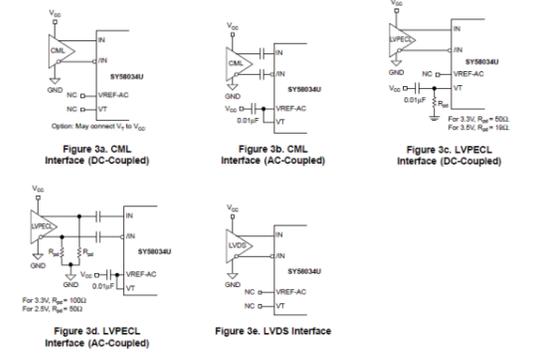


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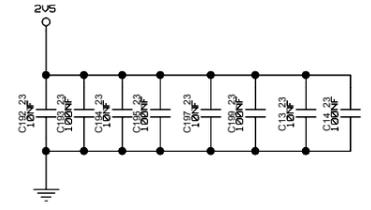
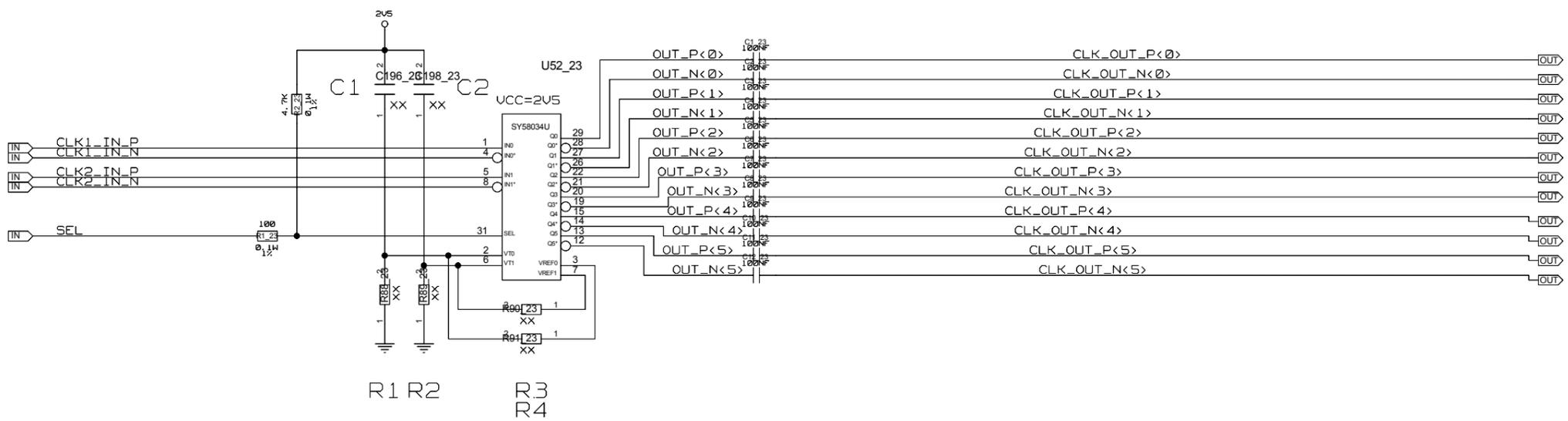


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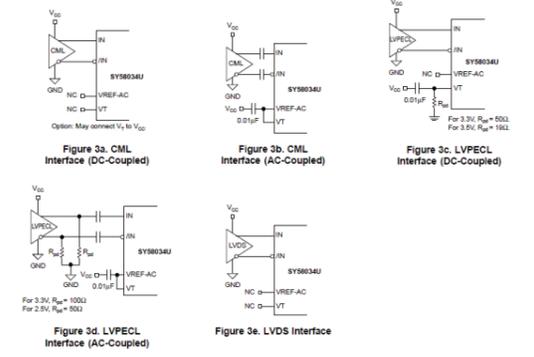


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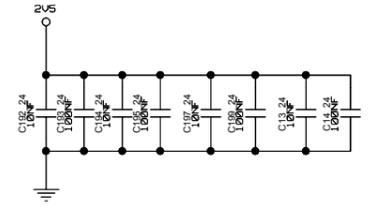
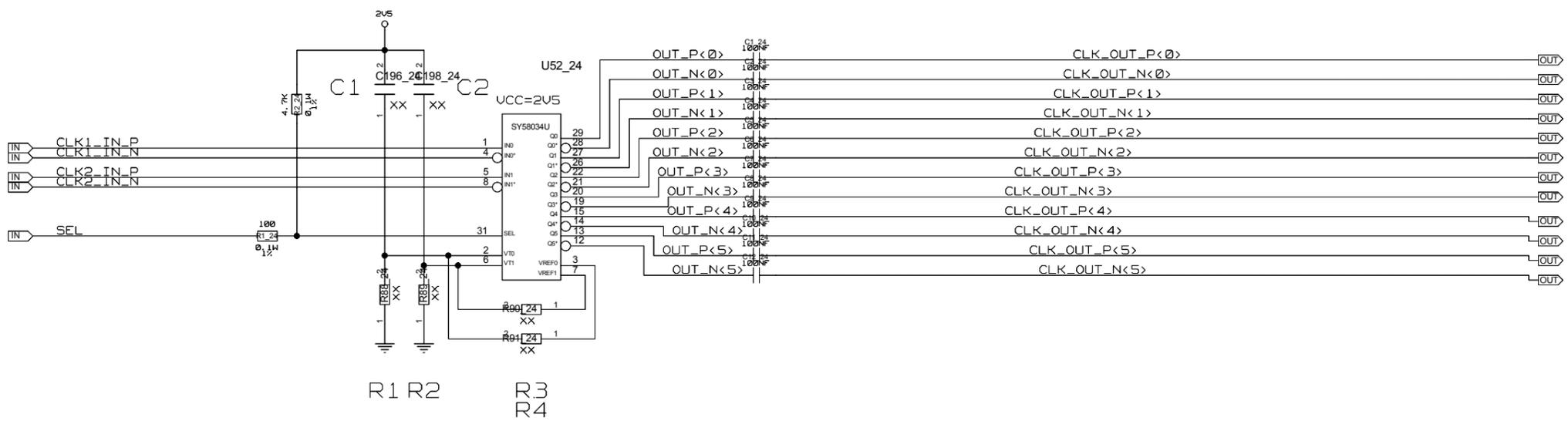


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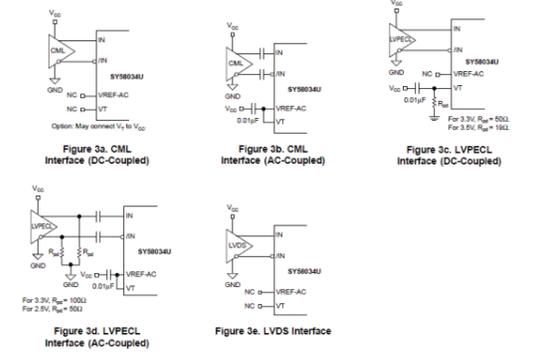


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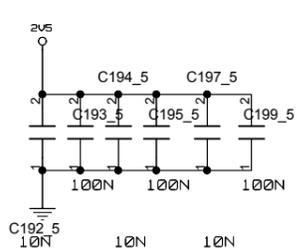
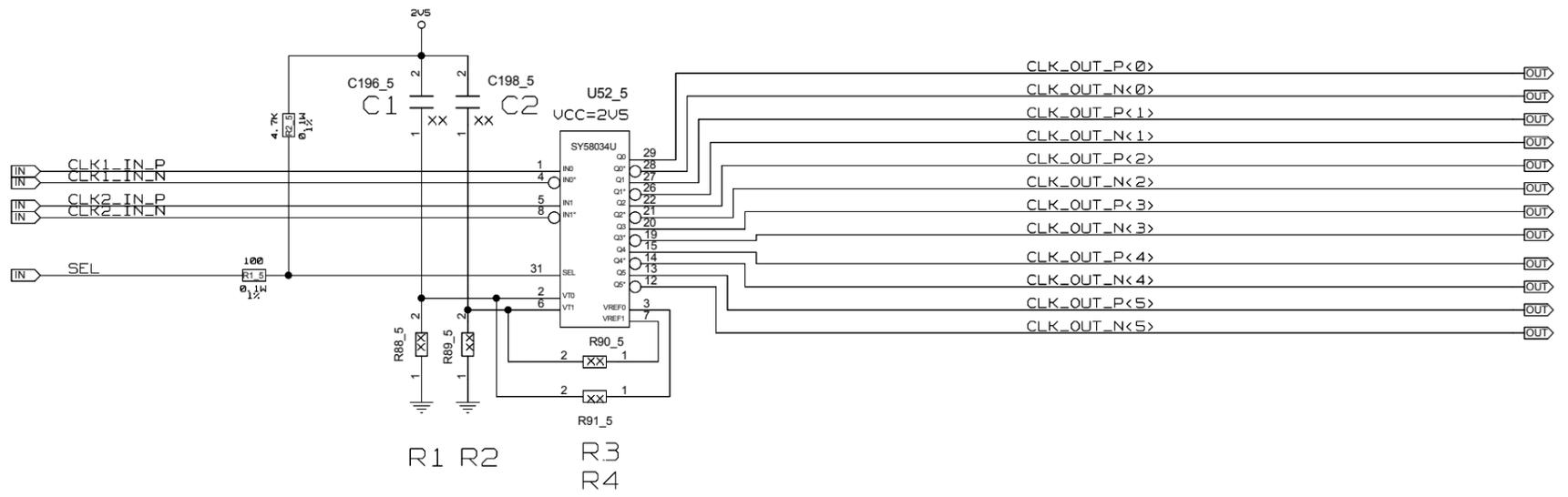


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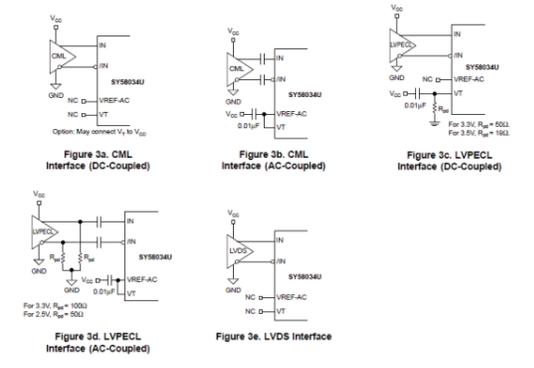


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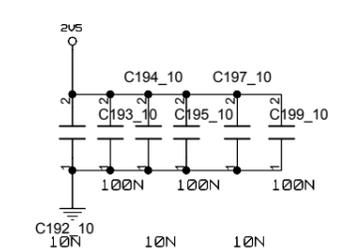
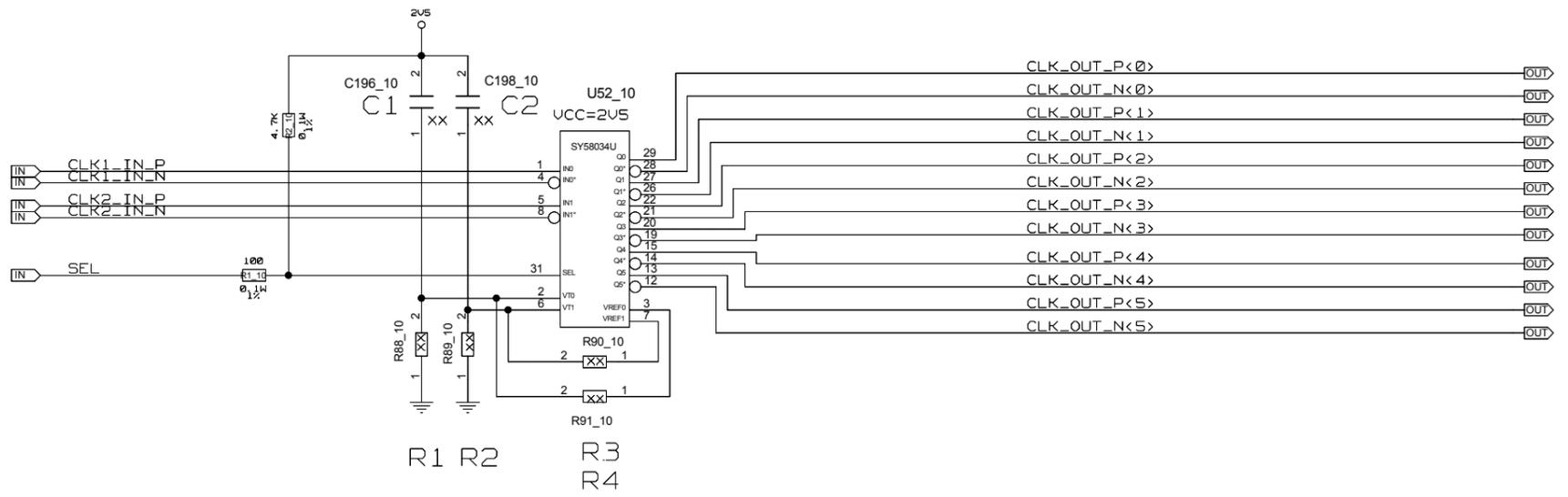


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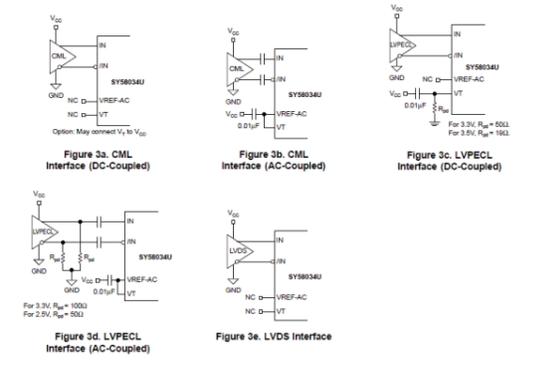


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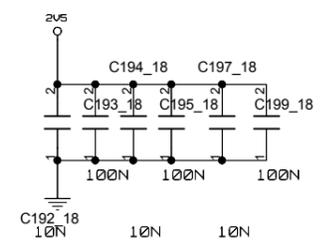
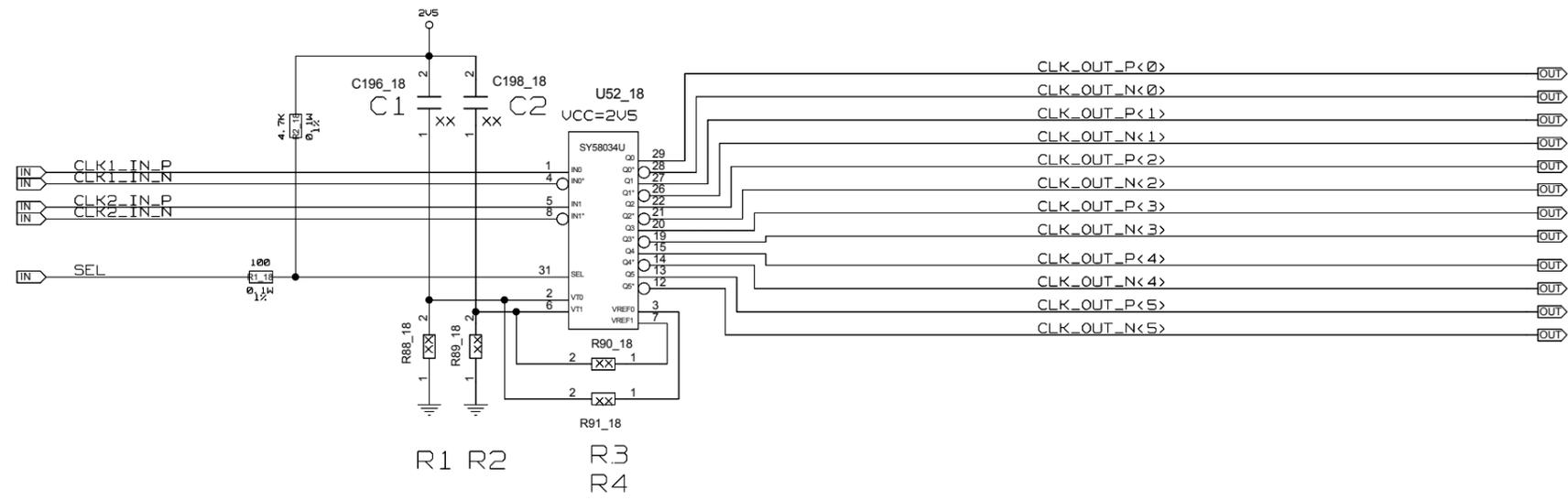


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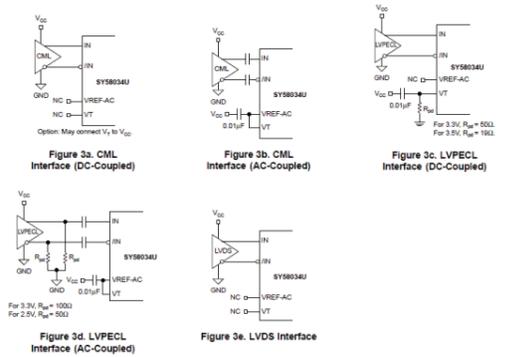


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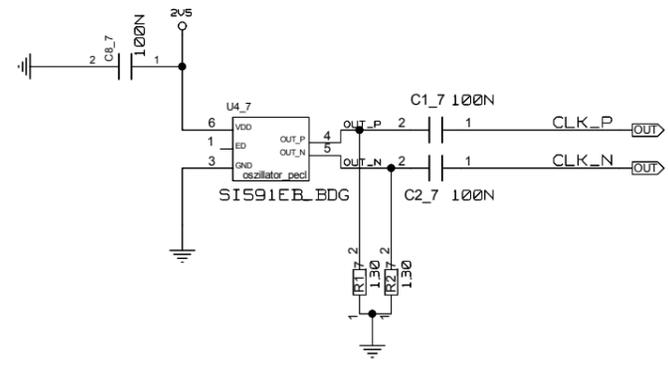


INPUT INTERFACE APPLICATIONS



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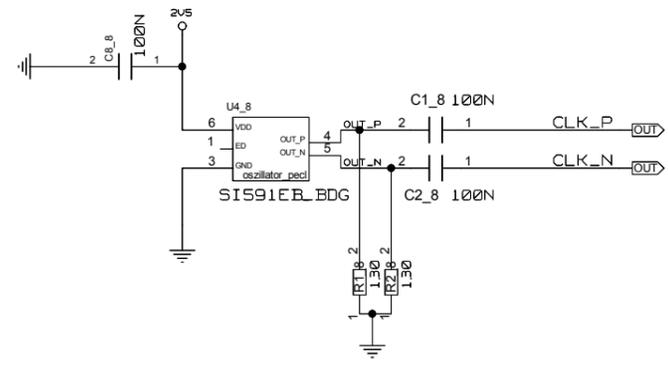
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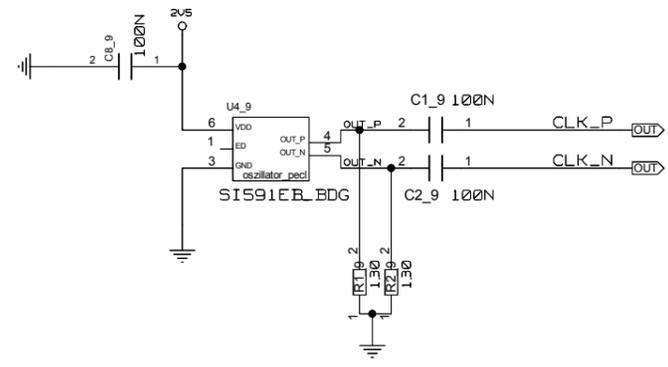
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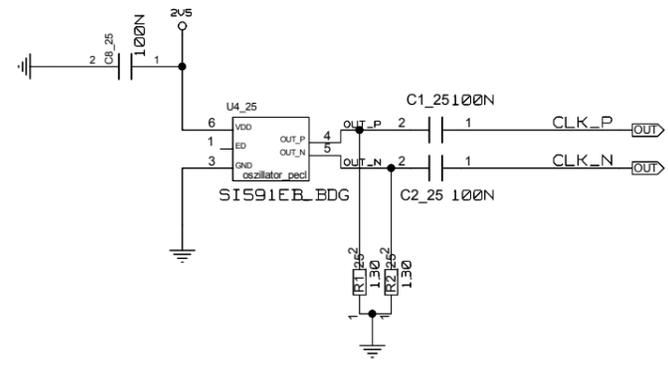
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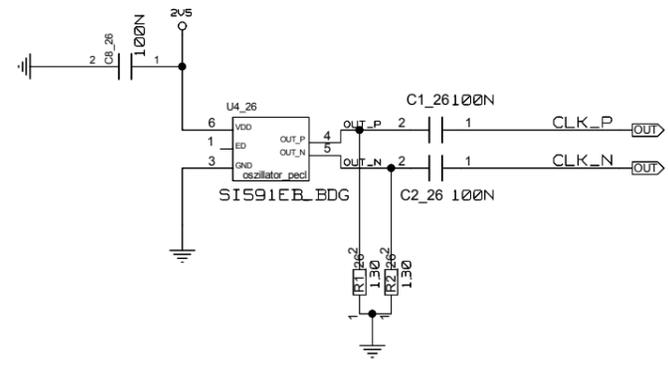
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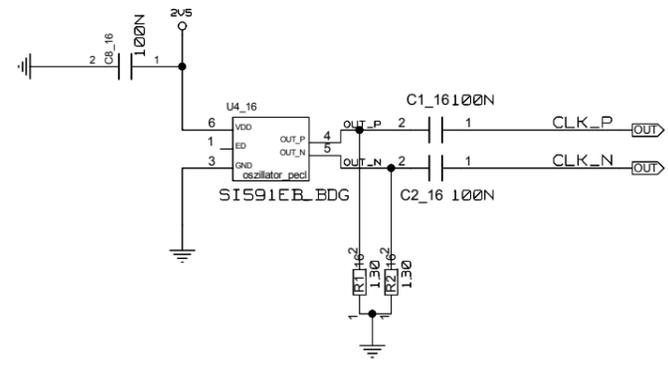
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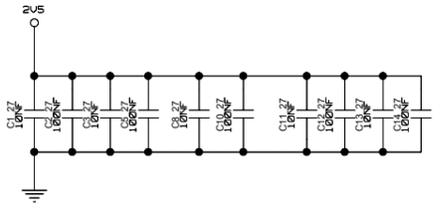
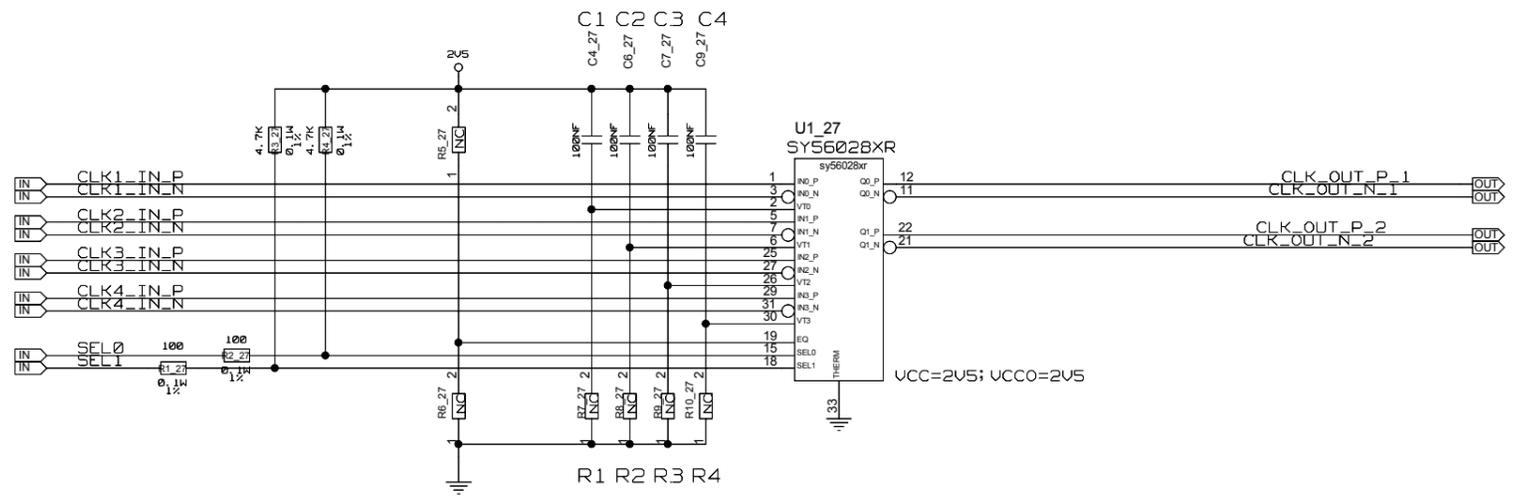
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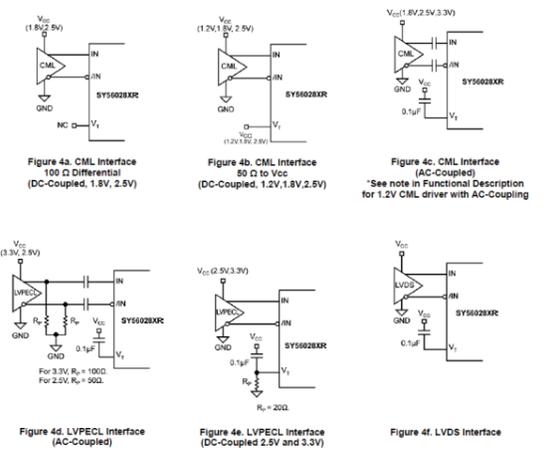


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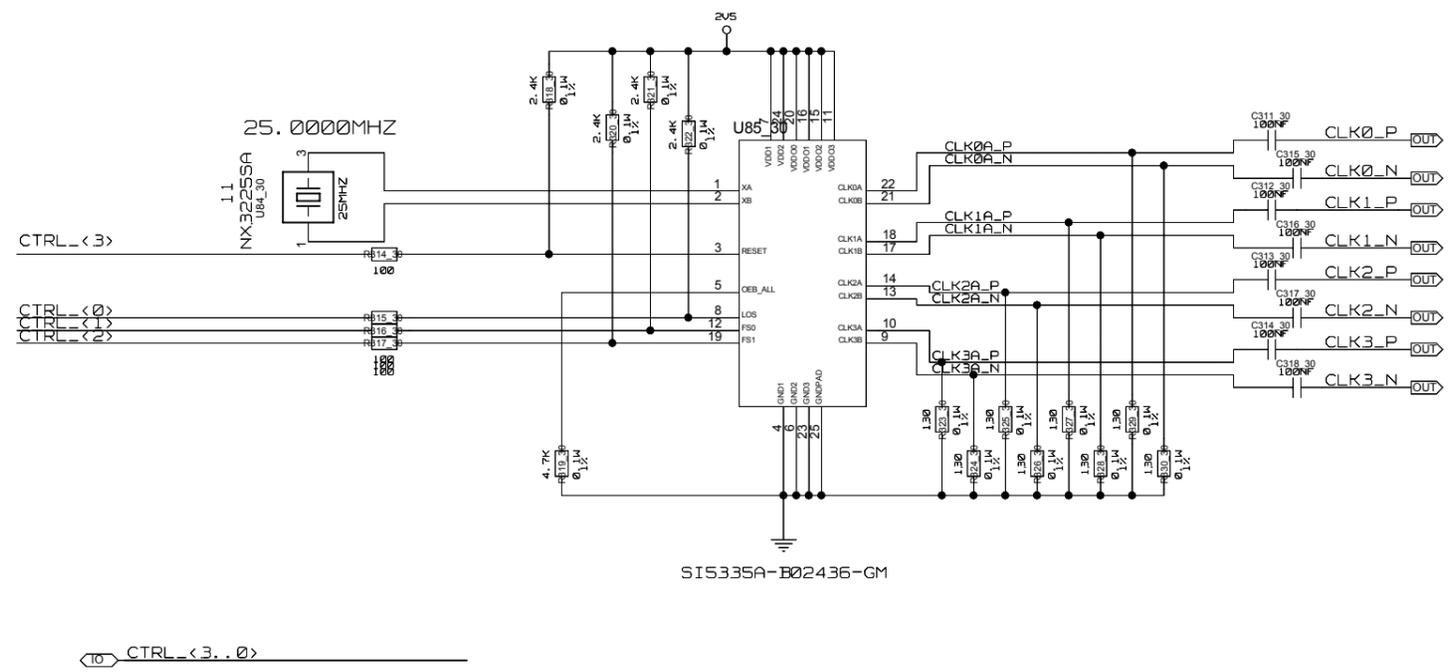


Input Interface Applications

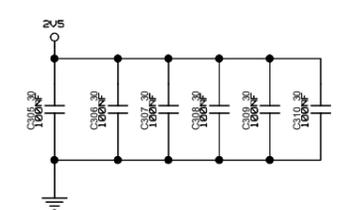


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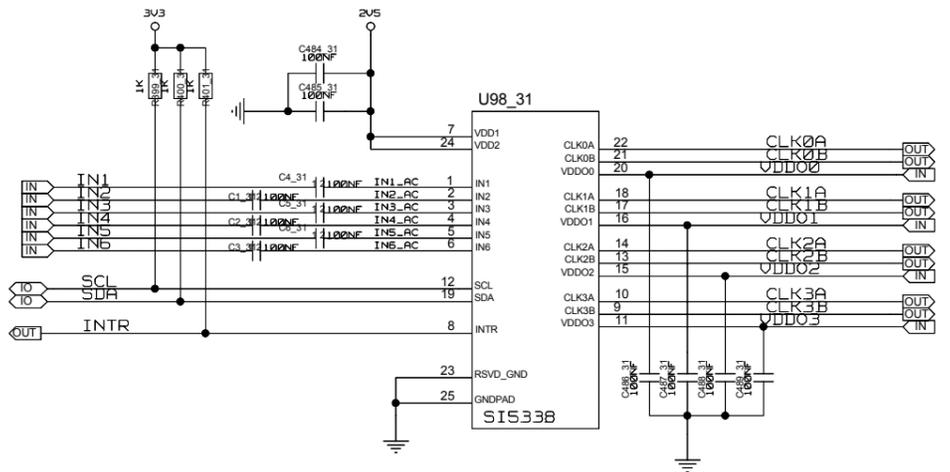


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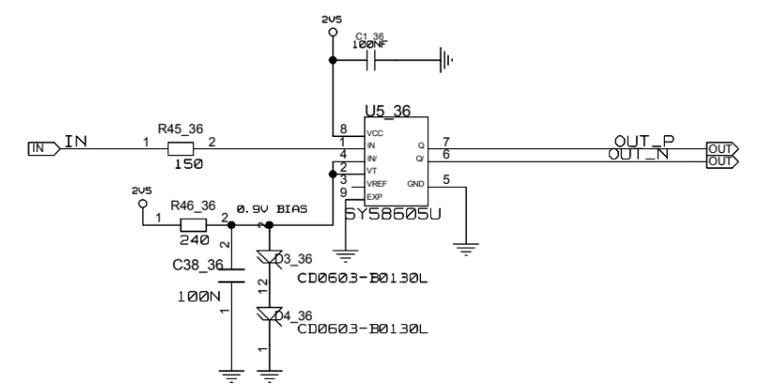
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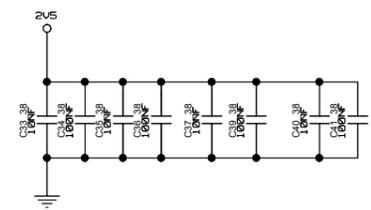
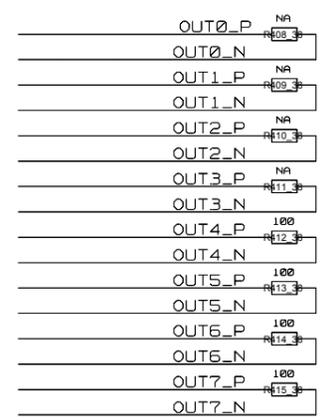
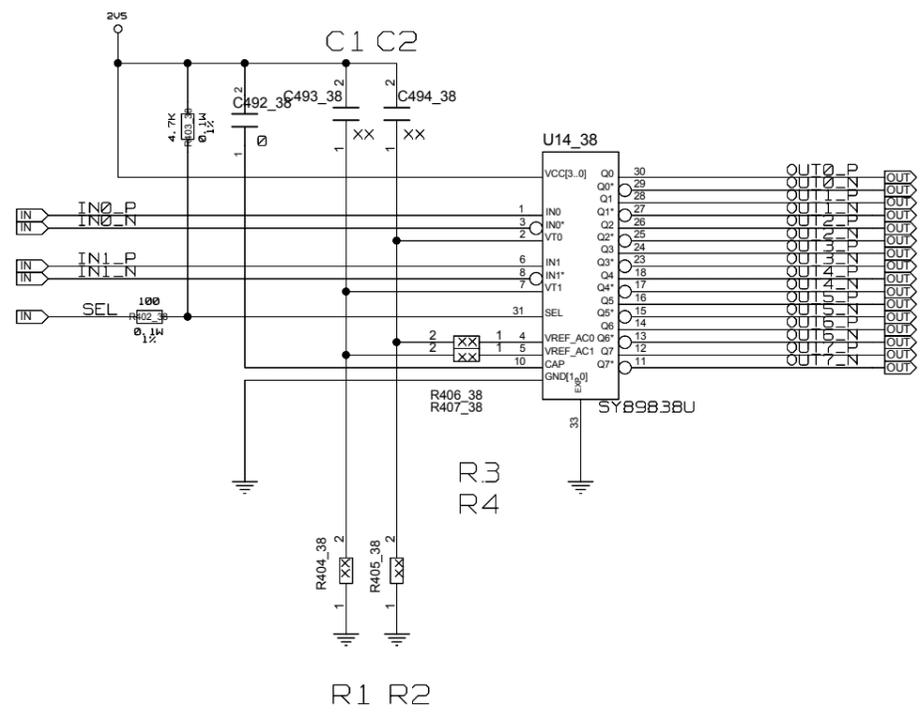
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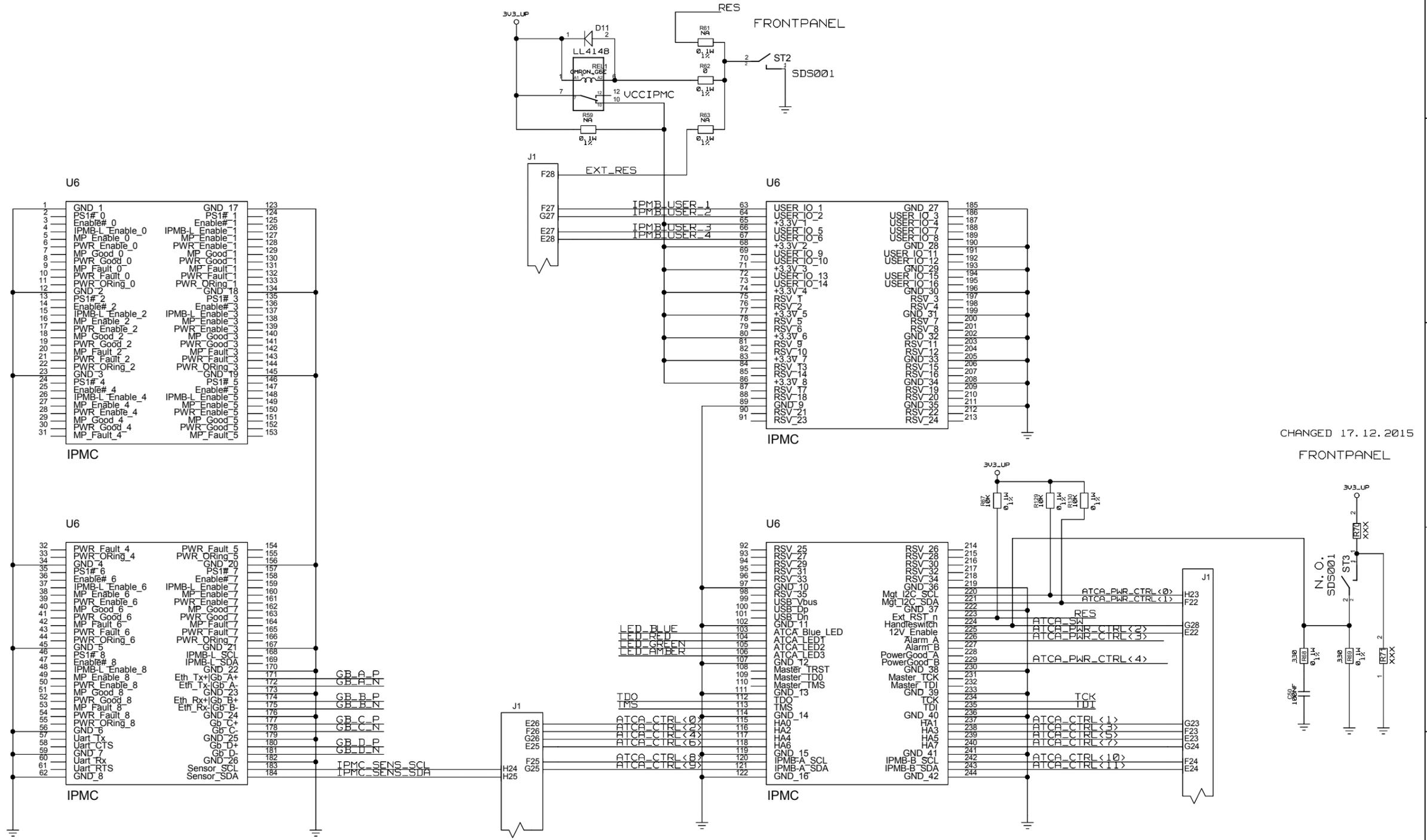
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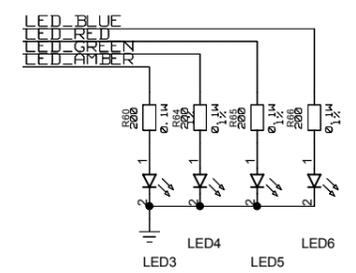
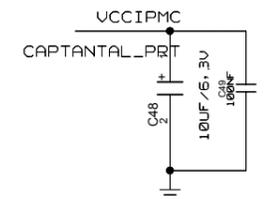
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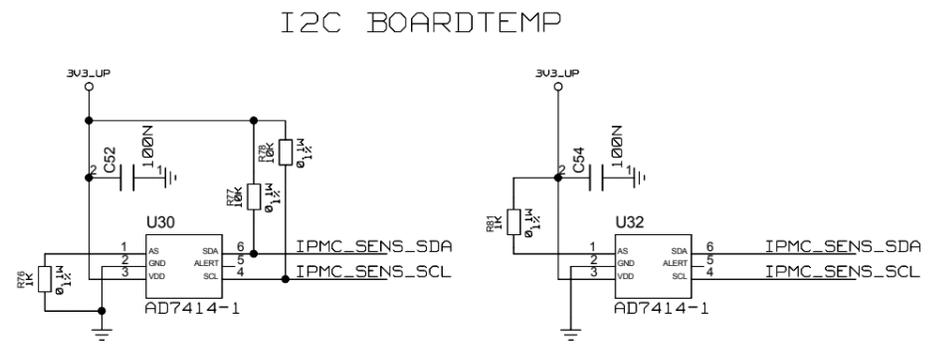
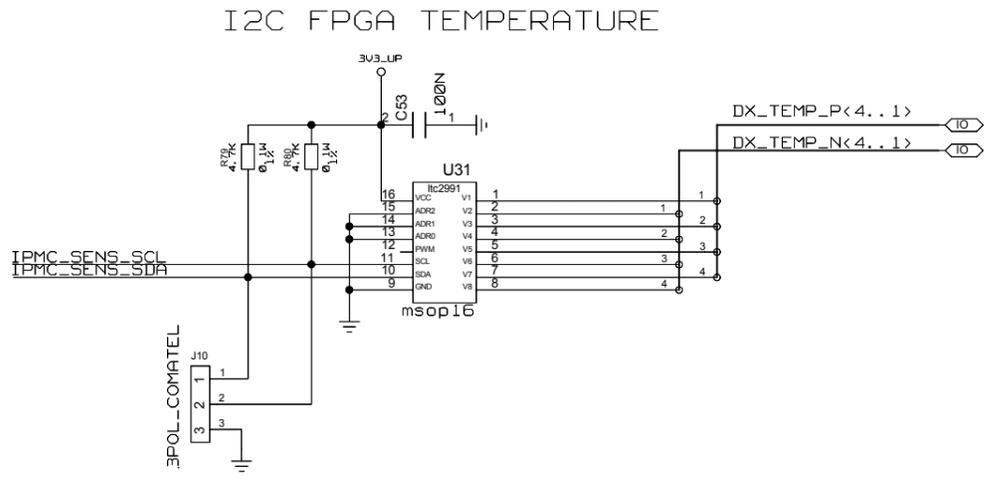
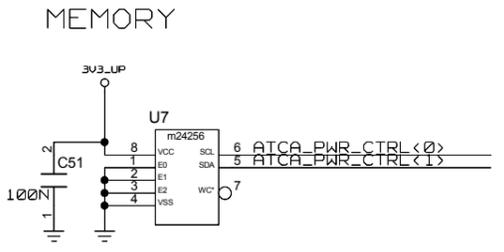
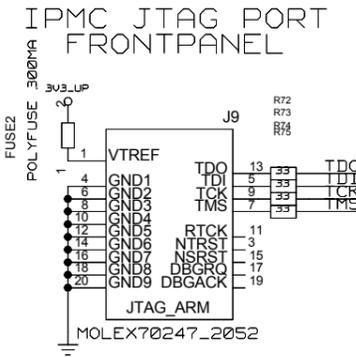
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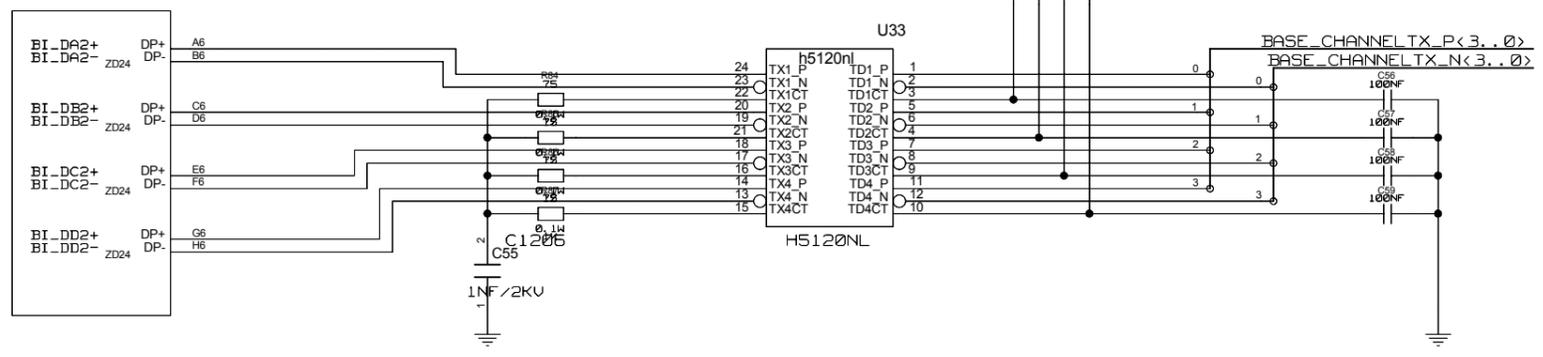
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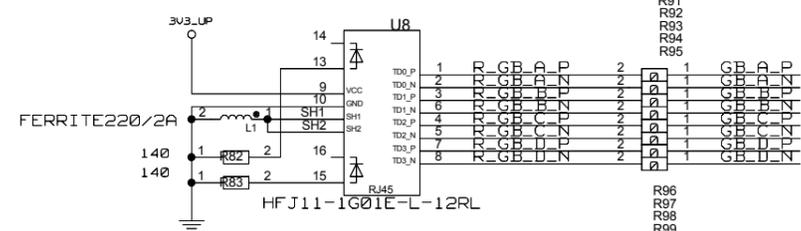
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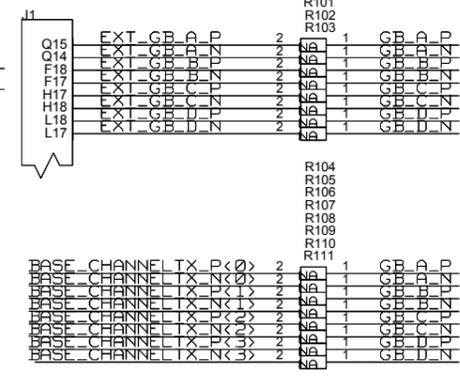
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RJ45 FRONT PANEL



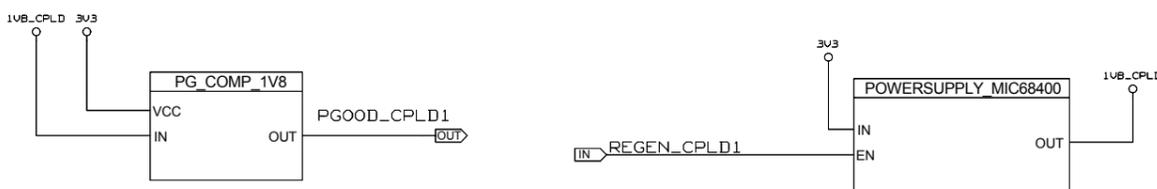
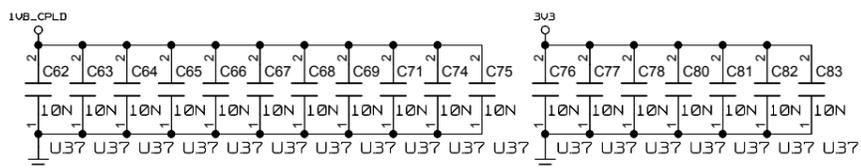
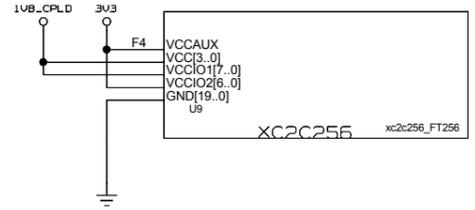
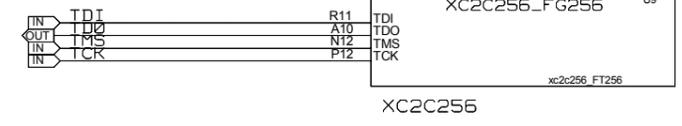
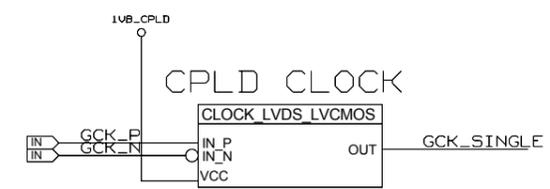
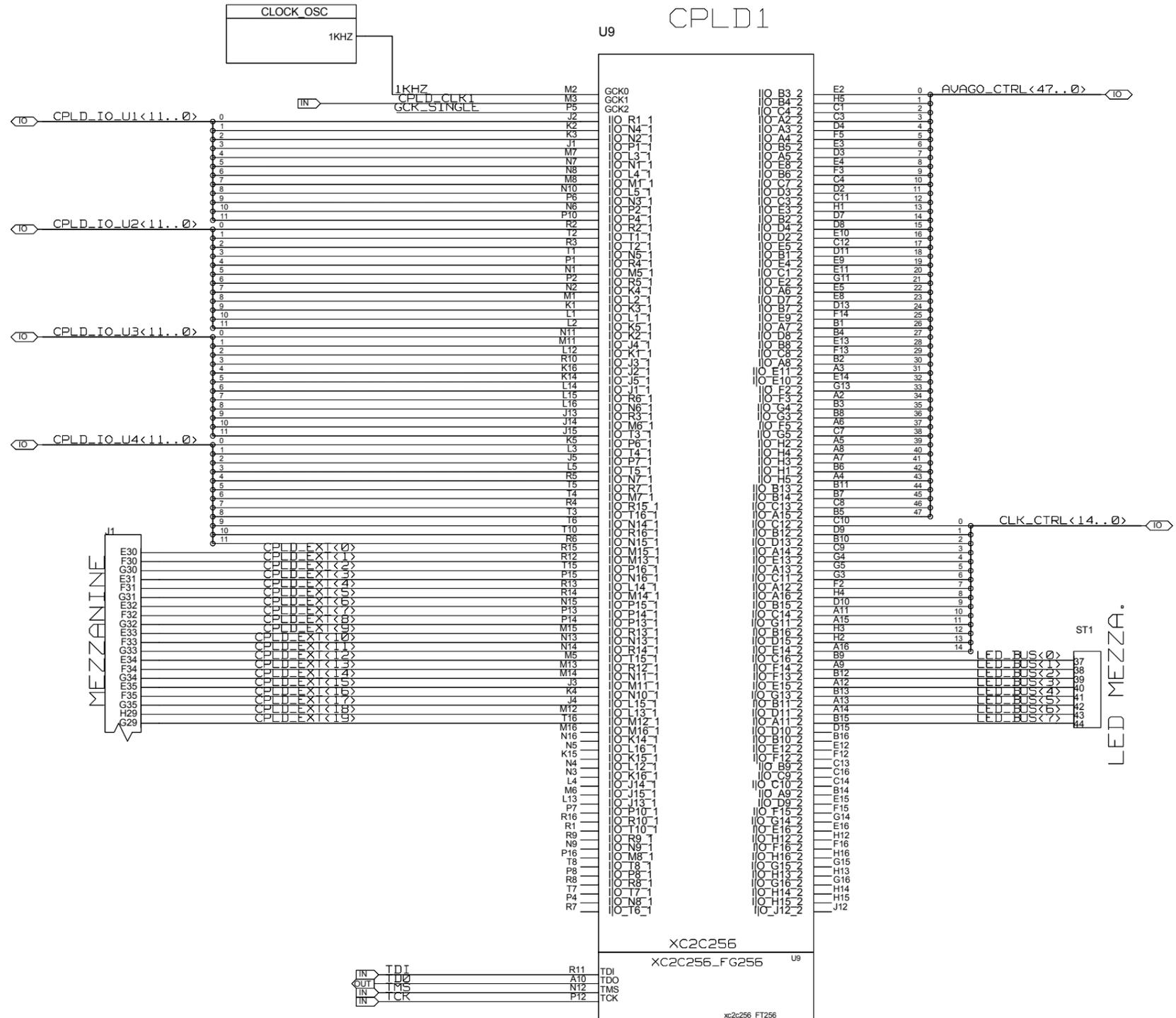
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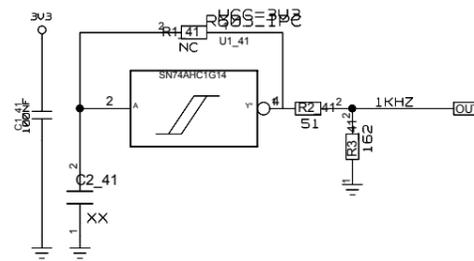


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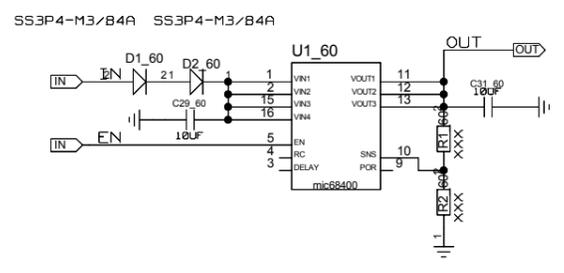
REVISIONS

ZONE	LTR	DESCRIPTION	DATE	APPR.



	NAME	DATE	SIGN	DRAWING TITLE		
CHECKED	E.ROCCO					
CHECKED	U.SCHAEFER					
CHECKED	S.RAVE					
DRAWN	BAUSS					
BLOCK TITLE						
UNIVERSITY OF MAINZ				SIZE C	REV.	DRAWING NO.
				SCALE		SHEET OF

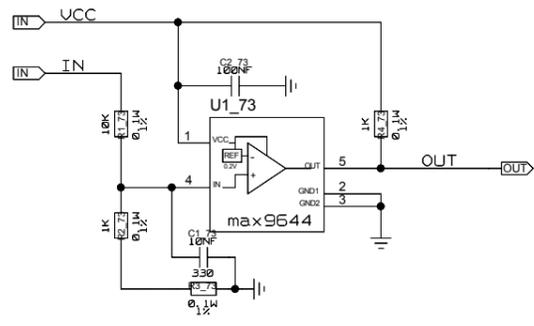
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



	NAME	DATE	SIGN	DRAWING TITLE
CHECKED	E.ROCCO			
CHECKED	U.SCHAEFER			
CHECKED	S.RAVE			
DRAWN	BAUSS			
BLOCK TITLE				
POWERSUPPLY_MIC68400				
UNIVERSITY OF MAINZ		SIZE	REV.	DRAWING NO.
		C		
SCALE				SHEET OF

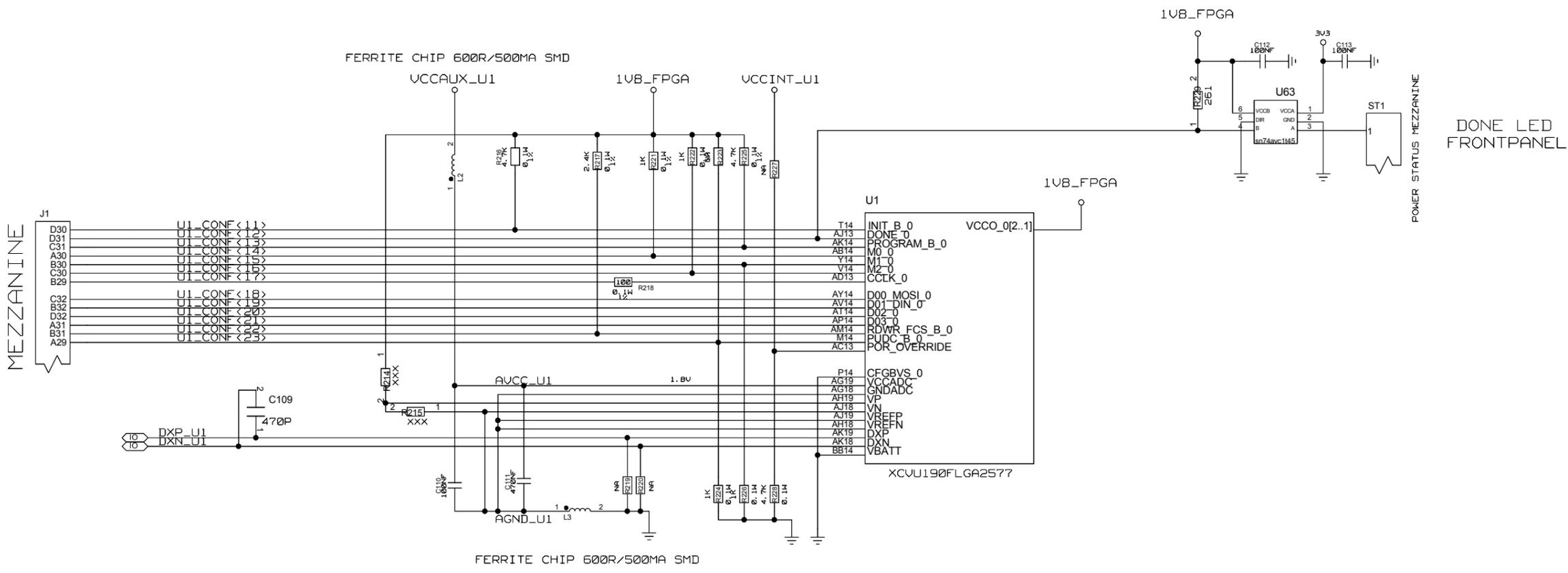
REVISIONS

ZONE	LTR	DESCRIPTION	DATE	APPR.



CHECKED	NAME	DATE	SIGN	DRAWING TITLE		
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	U.SCHAEFER					
	S.RAVE					
	BAUSS					
BLOCK TITLE						
UNIVERSITY OF MAINZ				SIZE C	REV.	DRAWING NO.
				SCALE		SHEET OF

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



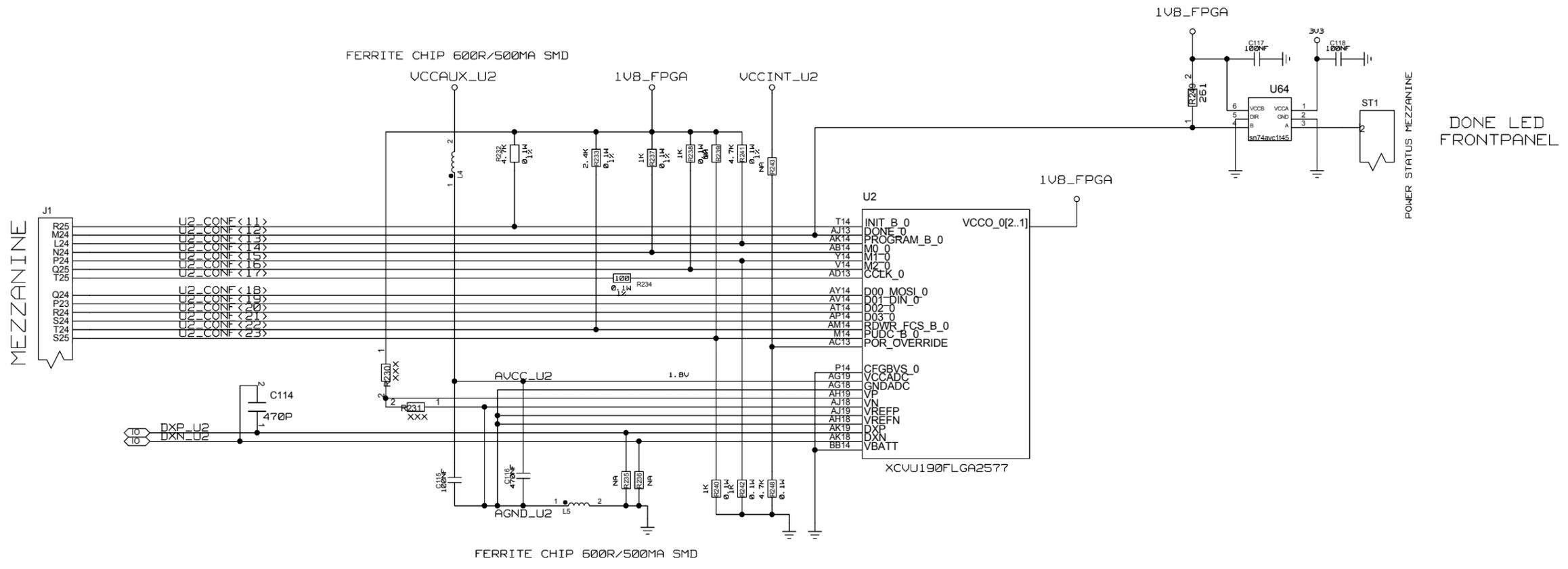
MEZZANINE

DONE LED FRONTPANEL

POWER STATUS MEZZANINE

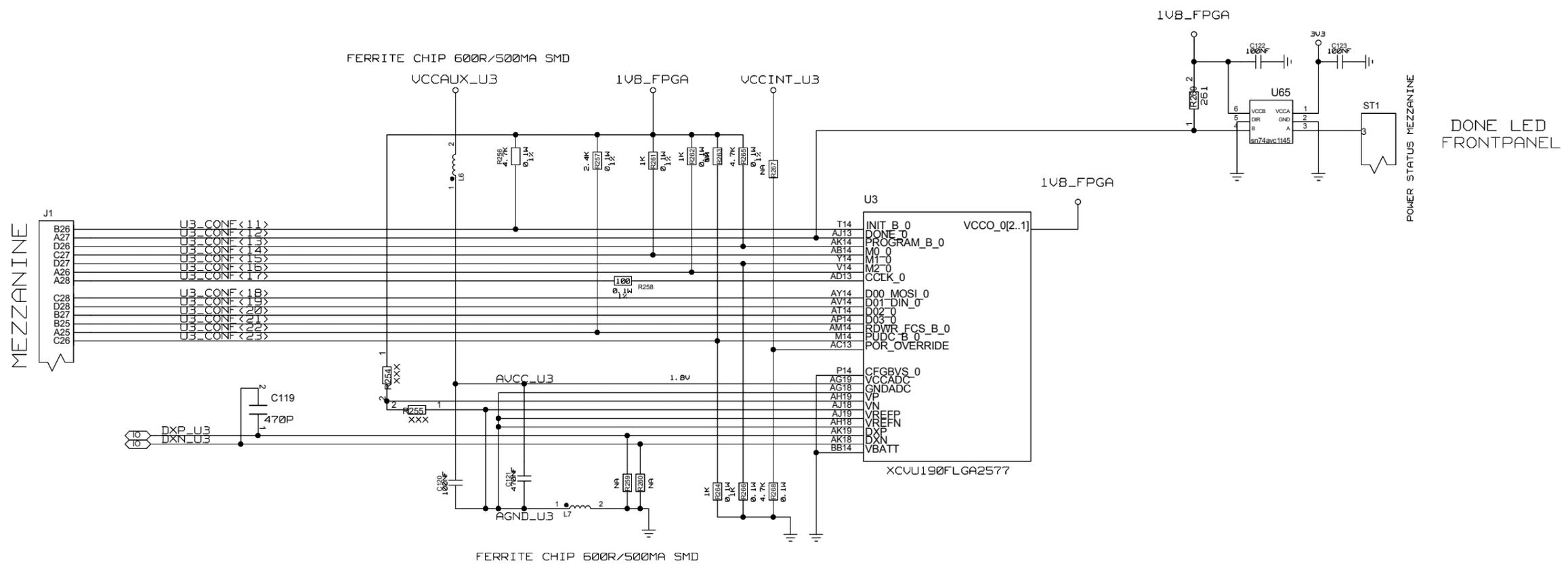
CHECKED	E.ROCCO			DRAWING TITLE <h1>JFEX</h1>
CHECKED	U.SCHAEFER			
CHECKED	S.RAVE			
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BLOCK TITLE CONFIGURATION PROCESSOR U1				SIZE C
UNIVERSITY OF MAINZ				REV.
				DRAWING NO.
SCALE				SHEET 1 of 1

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



CHECKED	NAME	DATE	SIGN	DRAWING TITLE		
CHECKED	E.ROCCO					
CHECKED	U.SCHAEFER					
CHECKED	S.RAVE					
DRAWN	BAUSS					
BLOCK TITLE						
UNIVERSITY OF MAINZ				SIZE	REV.	DRAWING NO.
				C		
SCALE					SHEET OF	

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.

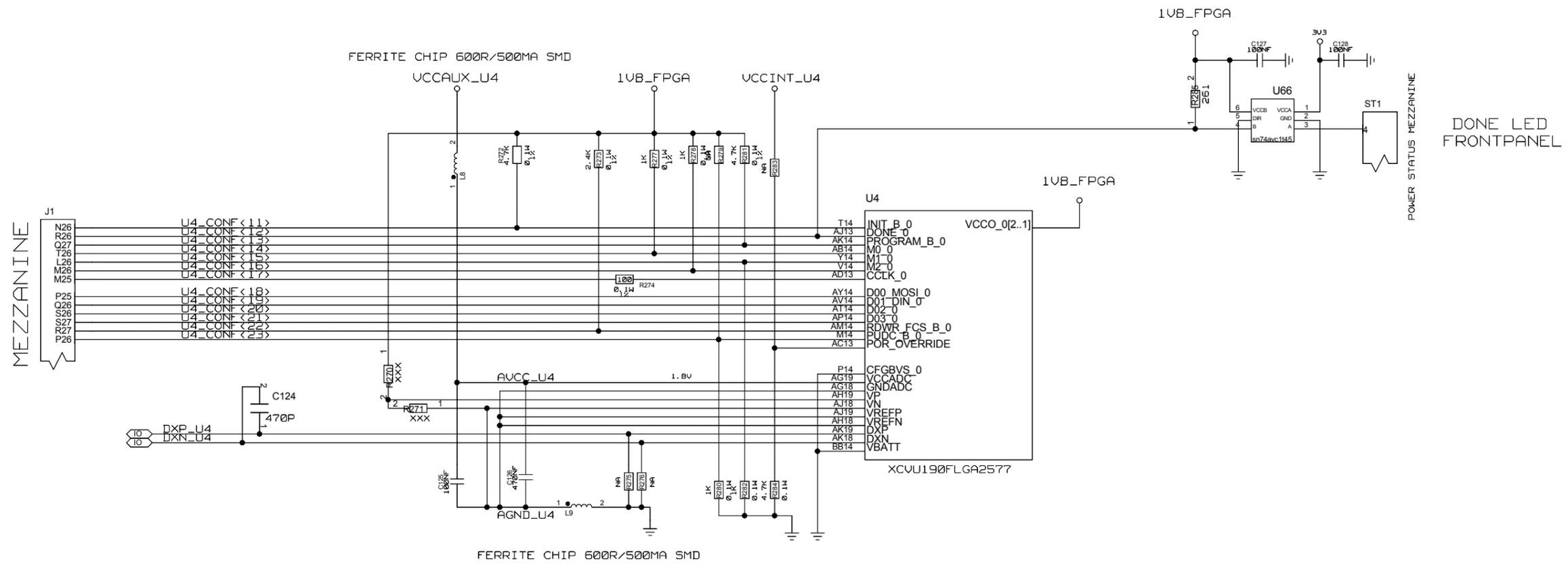


DONE LED FRONTPANEL

POWER STATUS MEZZANINE

CHECKED	NAME	DATE	SIGN	DRAWING TITLE		
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CHECKED	U.SCHAEFER					
CHECKED	S.RAVE					
DRAWN	BAUSS					
BLOCK TITLE						
UNIVERSITY OF MAINZ				SIZE C	REV.	DRAWING NO.
				SCALE		SHEET OF

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



MEZZANINE

DONE LED FRONTPANEL

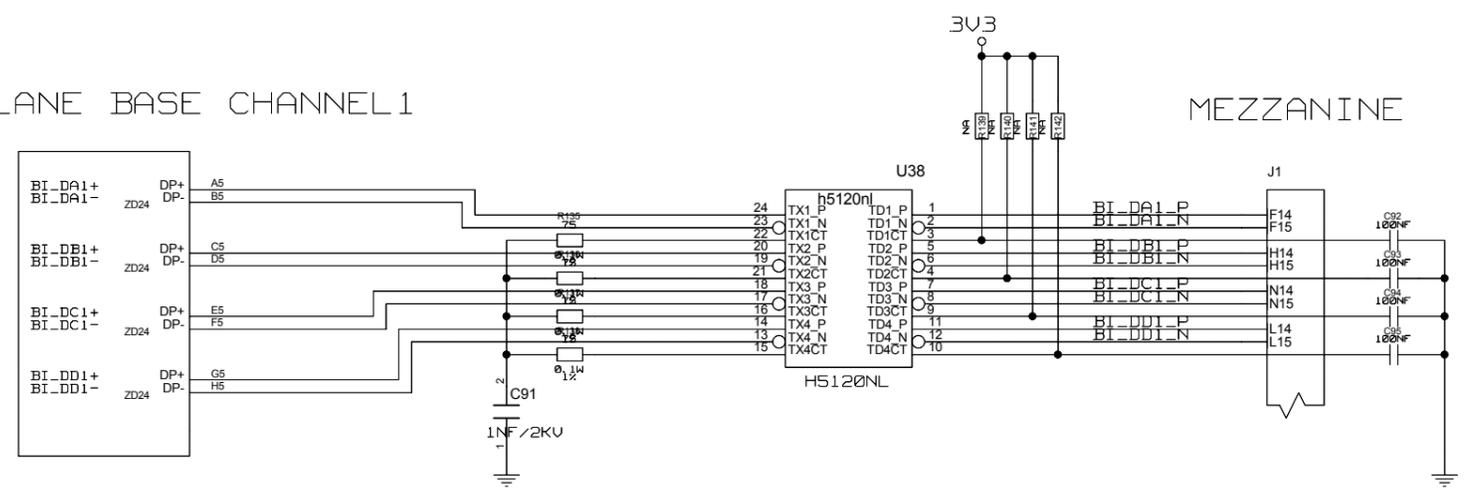
POWER STATUS MEZZANINE

CHECKED	NAME	DATE	SIGN	DRAWING TITLE		
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CHECKED	U.SCHAEFER					
CHECKED	S.RAVE					
DRAWN	BAUSS					
BLOCK TITLE				DRAWING NO.		
UNIVERSITY OF MAINZ				SIZE	REV.	DRAWING NO.
				C		
SCALE				SHEET OF		

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.

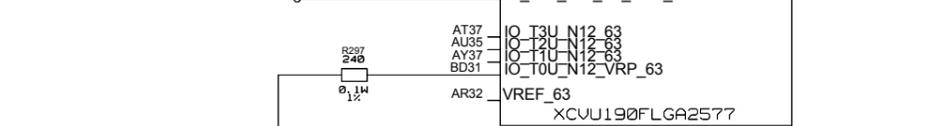
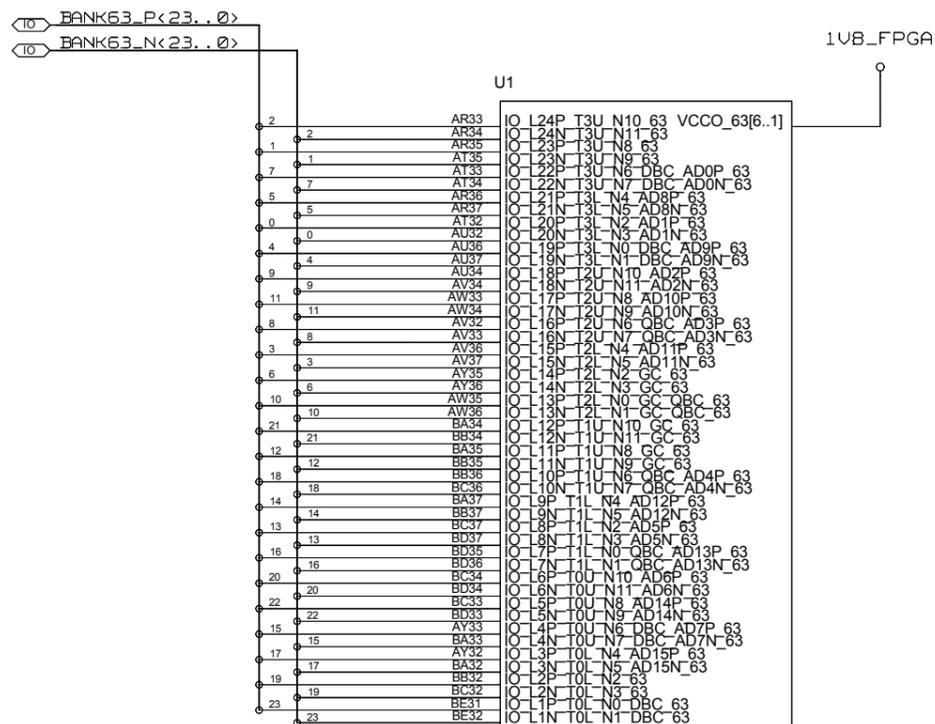
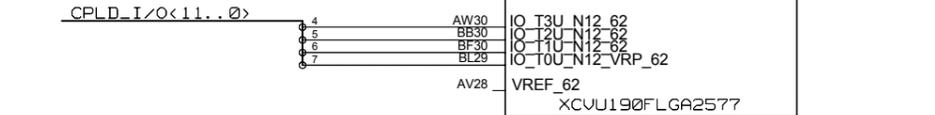
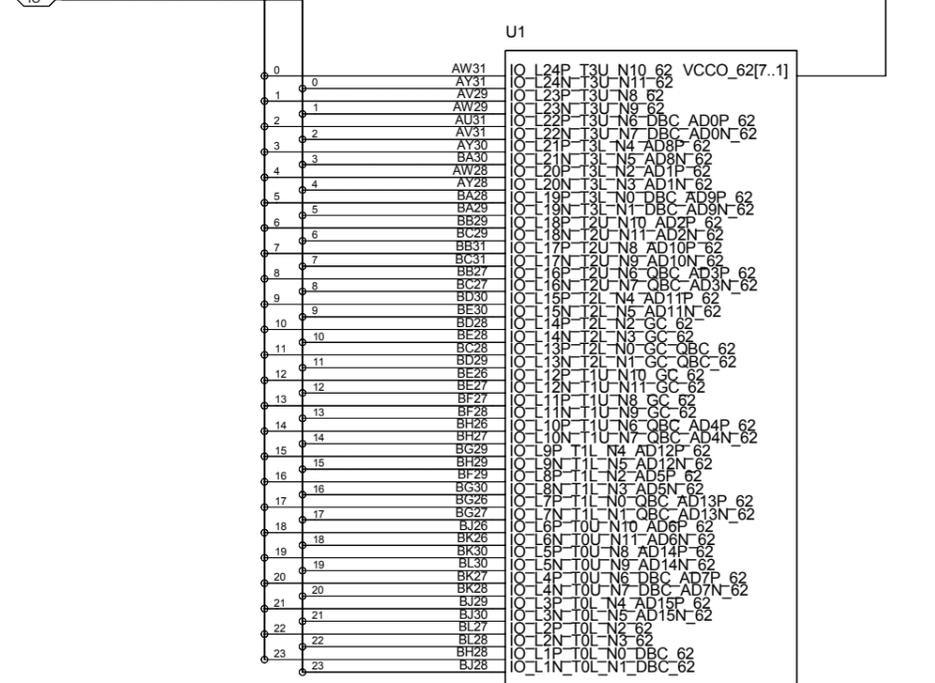
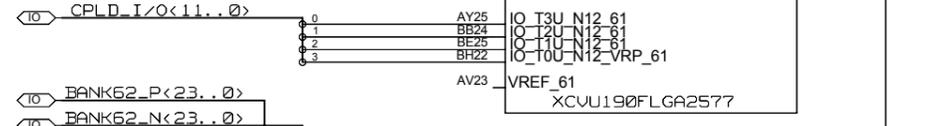
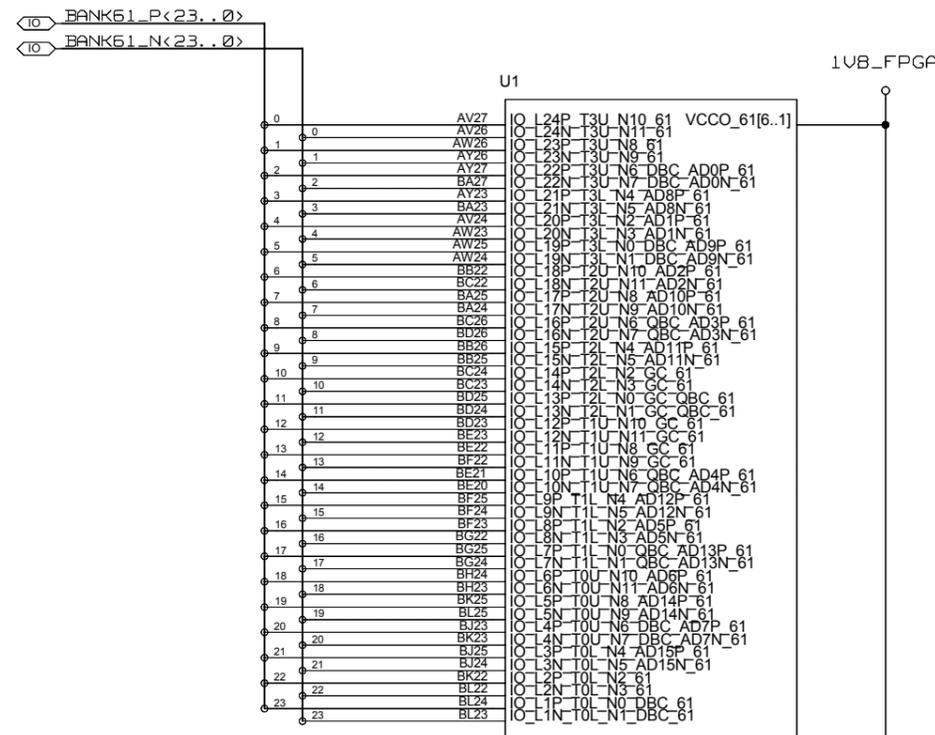
BACKPLANE BASE CHANNEL 1

MEZZANINE



CHECKED	E.ROCCO			DRAWING TITLE IPBUS	
CHECKED	U.SCHAEFER				
CHECKED	S.RAVE				
DRAWN	BAUSS	05. 11. 2015			
BLOCK TITLE IPBUS					
UNIVERSITY OF MAINZ				SIZE C	REV.
					DRAWING NO.
				SCALE	SHEET OF

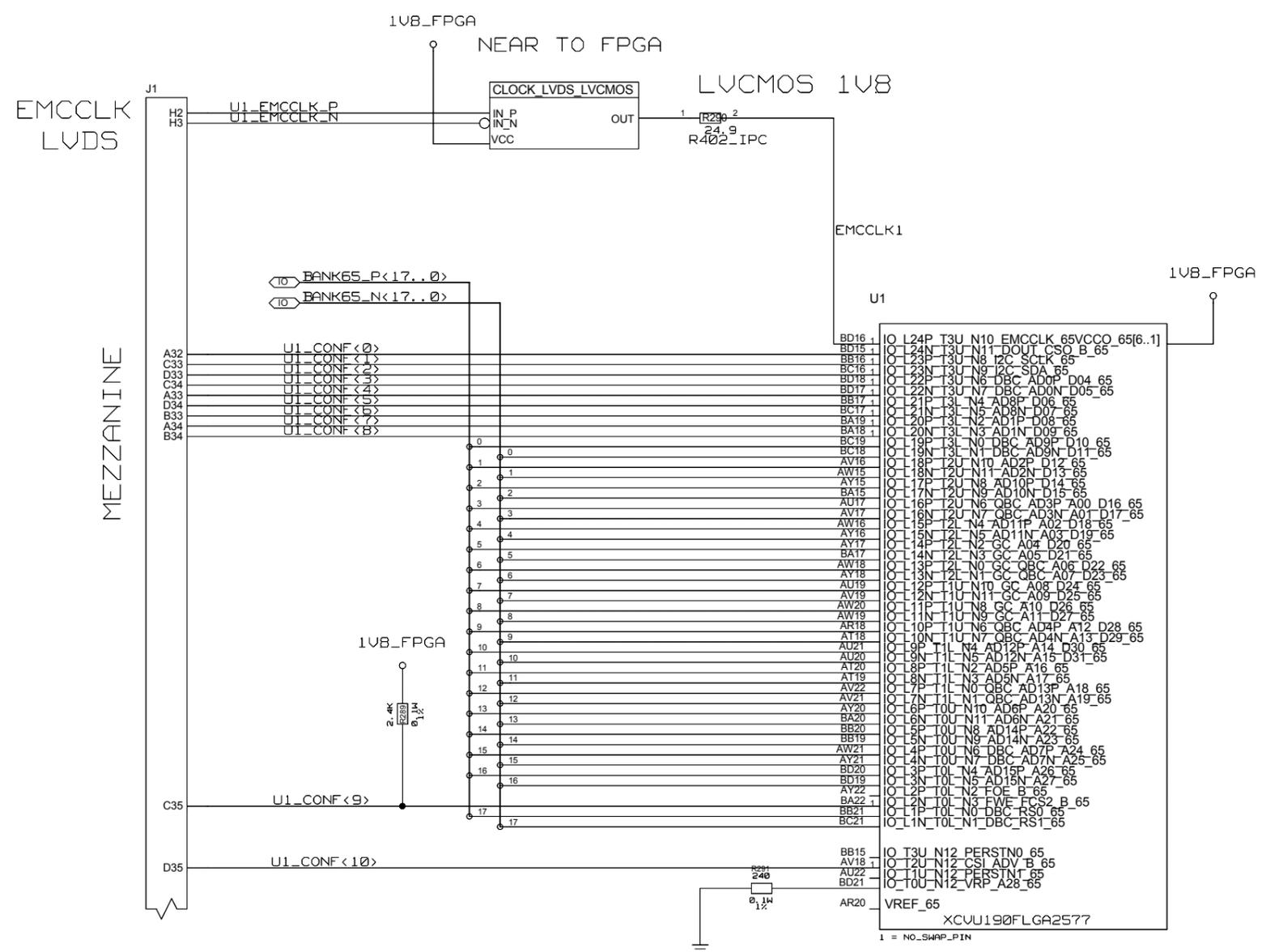
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



BANK
61
62
63

NAME	DATE	SIGN	DRAWING TITLE	
CHECKED E.ROCCO			JFEX	
CHECKED U.SCHAEFER				
CHECKED S.RAVE				
DRAWN BAUSS	25.08.2015		BLOCK TITLE	
UNIVERSITY OF MAINZ			SIZE C	DRAWING NO.
SCALE			REV.	SHEET 1 of 5

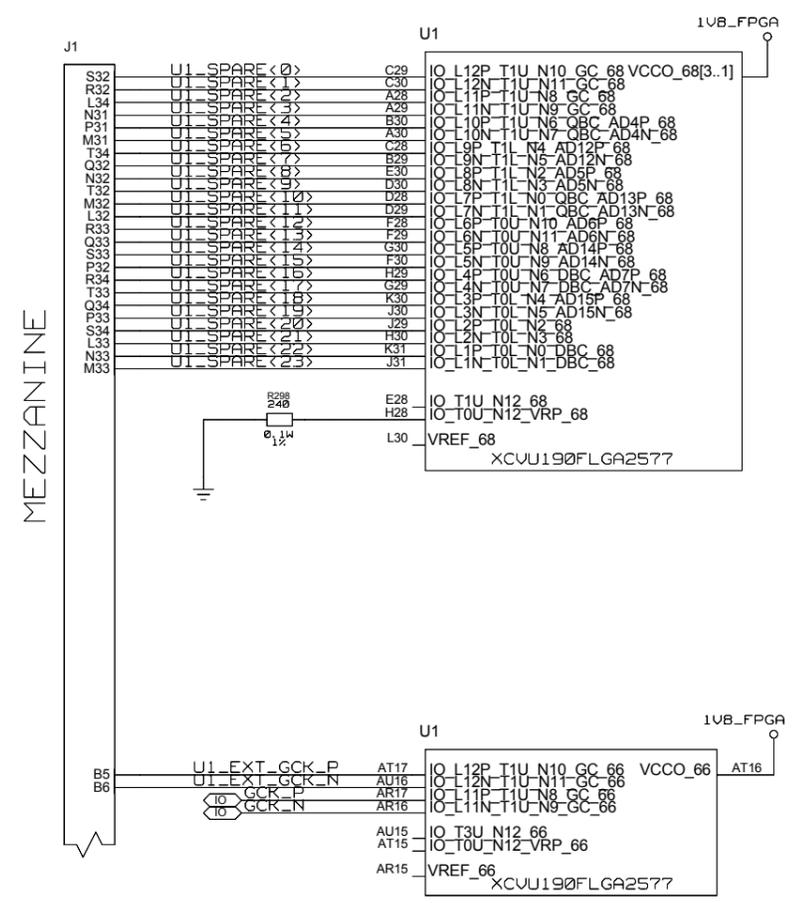
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



BANK
65

CHECKED	NAME	DATE	SIGN	DRAWING TITLE JFEX		
CHECKED	E.ROCCO					
CHECKED	U.SCHAEFER					
CHECKED	S.RAVE					
DRAWN	BAUSS	25.08.2015				
BLOCK TITLE U1_PARALLEL_I/O				SIZE C	REV.	DRAWING NO.
UNIVERSITY OF MAINZ				SCALE		SHEET 2 OF 5

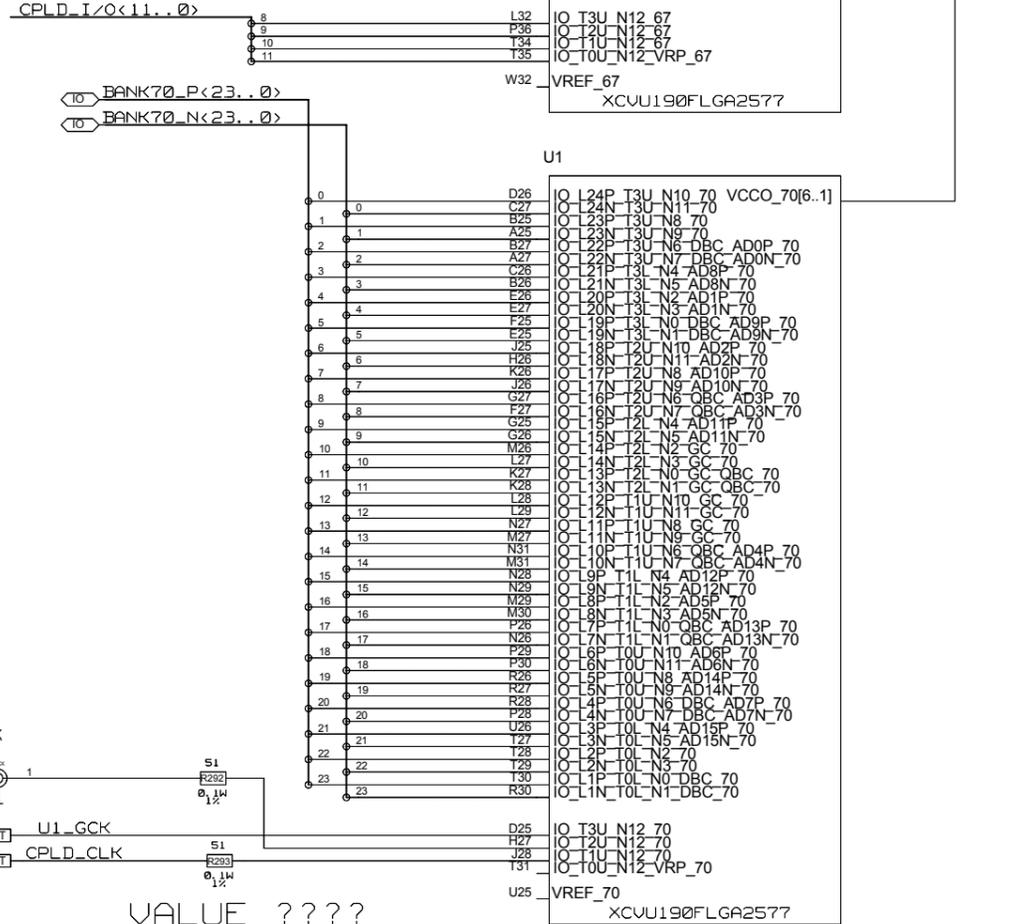
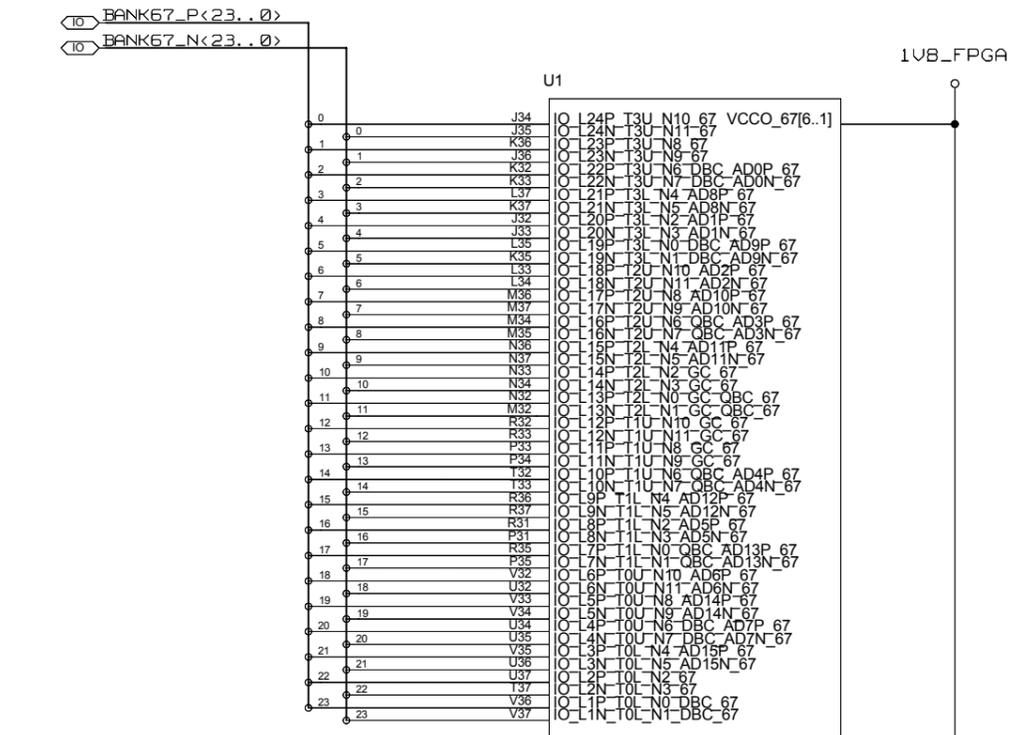
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



BANK
66
68

CHECKED	NAME	DATE	SIGN	DRAWING TITLE JFEX
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	U.SCHAEFER			
	S.RAVE			
	BAUSS	25.08.2015		
BLOCK TITLE U1_PARALLEL_I/O				SIZE C
UNIVERSITY OF MAINZ				REV.
SCALE				DRAWING NO.
				SHEET 3 OF 5

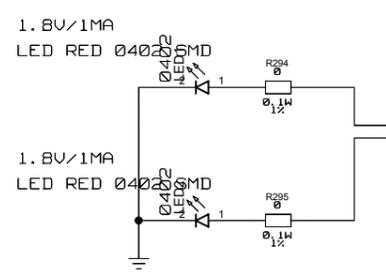
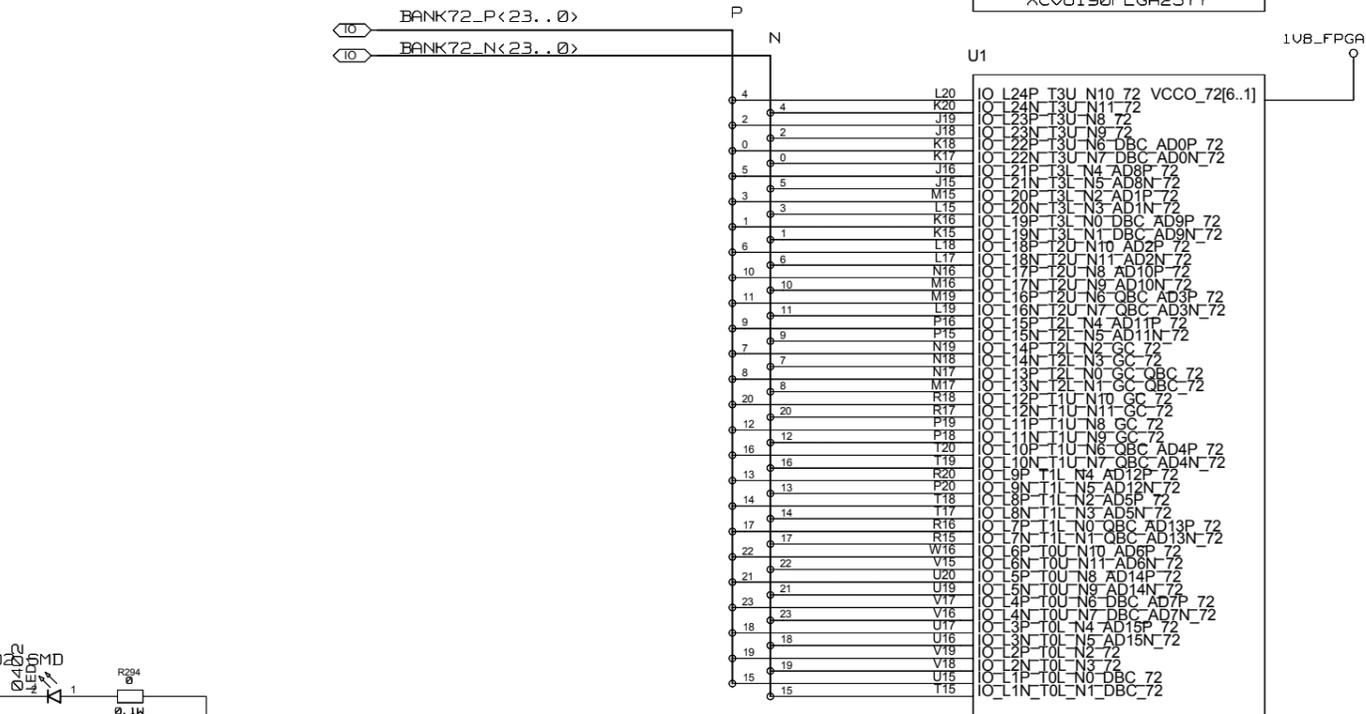
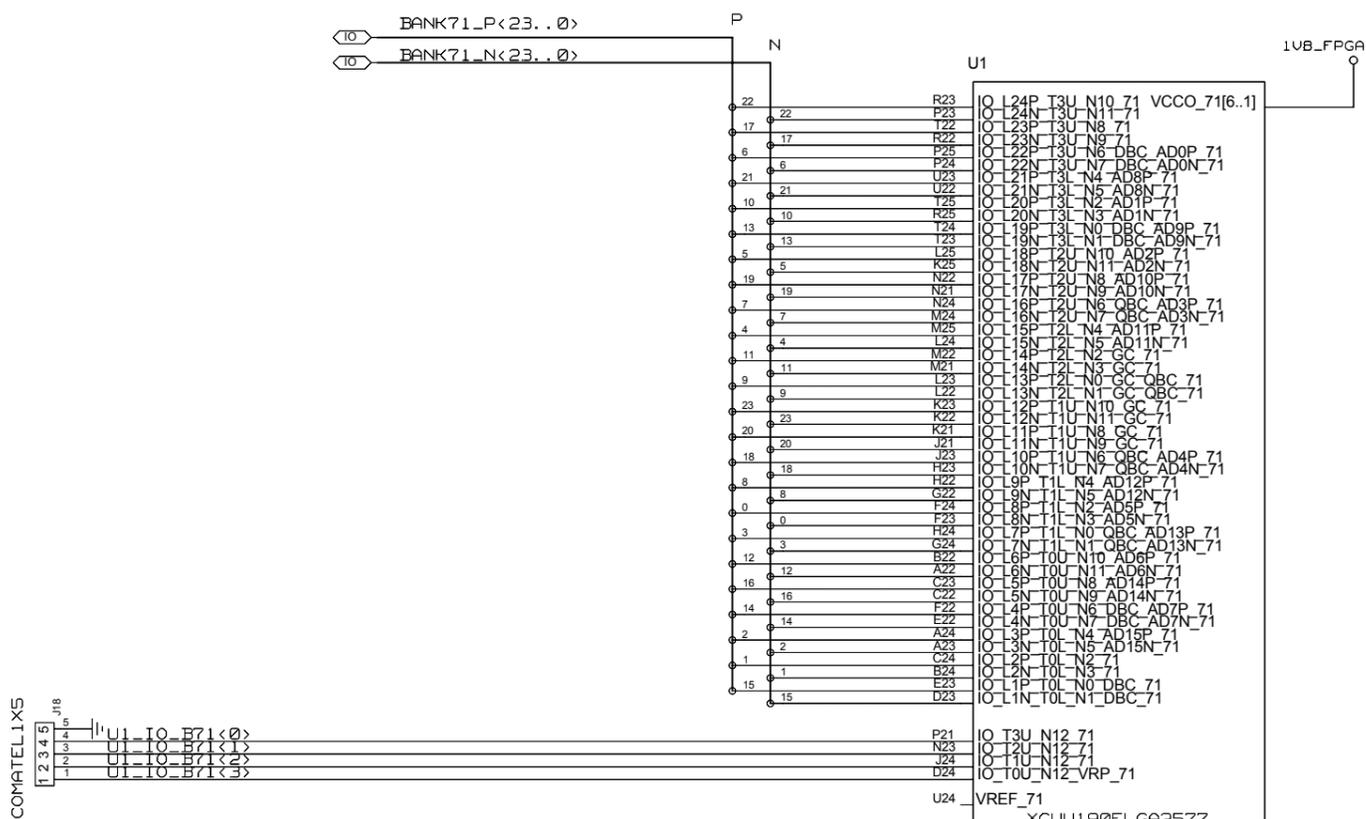
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



BANK
67
70

CHECKED	NAME	DATE	SIGN	DRAWING TITLE		
CHECKED	E.ROCCO			JFEX		
CHECKED	U.SCHAEFER					
CHECKED	S.RAVE					
DRAWN	BAUSS	25.08.2015		BLOCK TITLE		
				U1_PARALLEL_I/O		
UNIVERSITY OF MAINZ				SIZE C	REV.	DRAWING NO.
SCALE				SHEET 4 of 5		

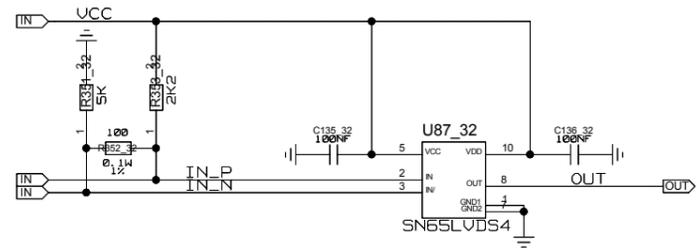
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



BANK
71
72

NAME	DATE	SIGN	DRAWING TITLE
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CHECKED U.SCHAEFER			
CHECKED S.RAVE			
DRAWN BAUSS	25.08.2015		
BLOCK TITLE			UNIVERSITY OF MAINZ
SIZE C	REV.	DRAWING NO.	
SCALE		SHEET 5 of 5	

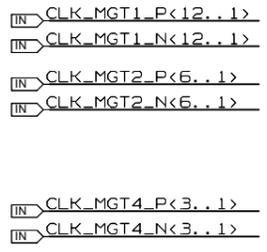
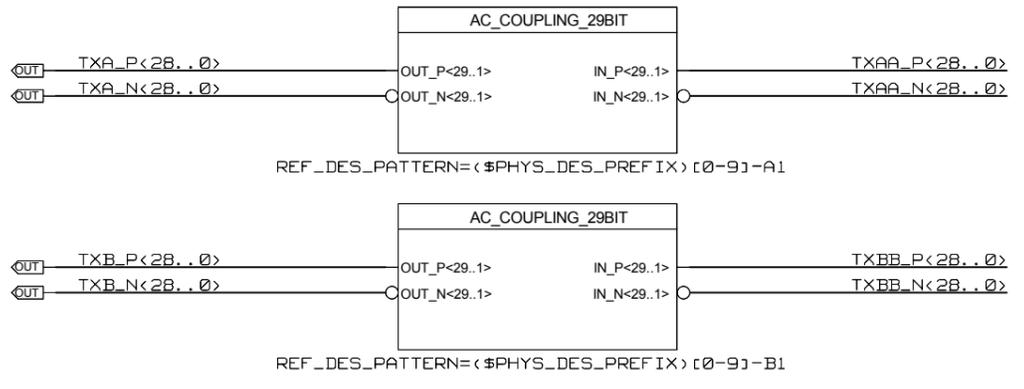
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



	NAME	DATE	SIGN	DRAWING TITLE	
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CHECKED	U.SCHAEFER				
CHECKED	S.RAVE				
DRAWN	BAUSS				
BLOCK TITLE				SIZE	DRAWING NO.
CLOCK_LVDS_LVCMOS				C	
UNIVERSITY OF MAINZ				SCALE	
				SHEET	OF

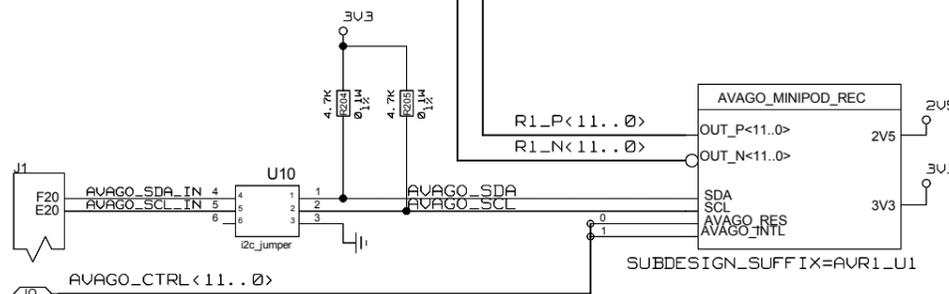
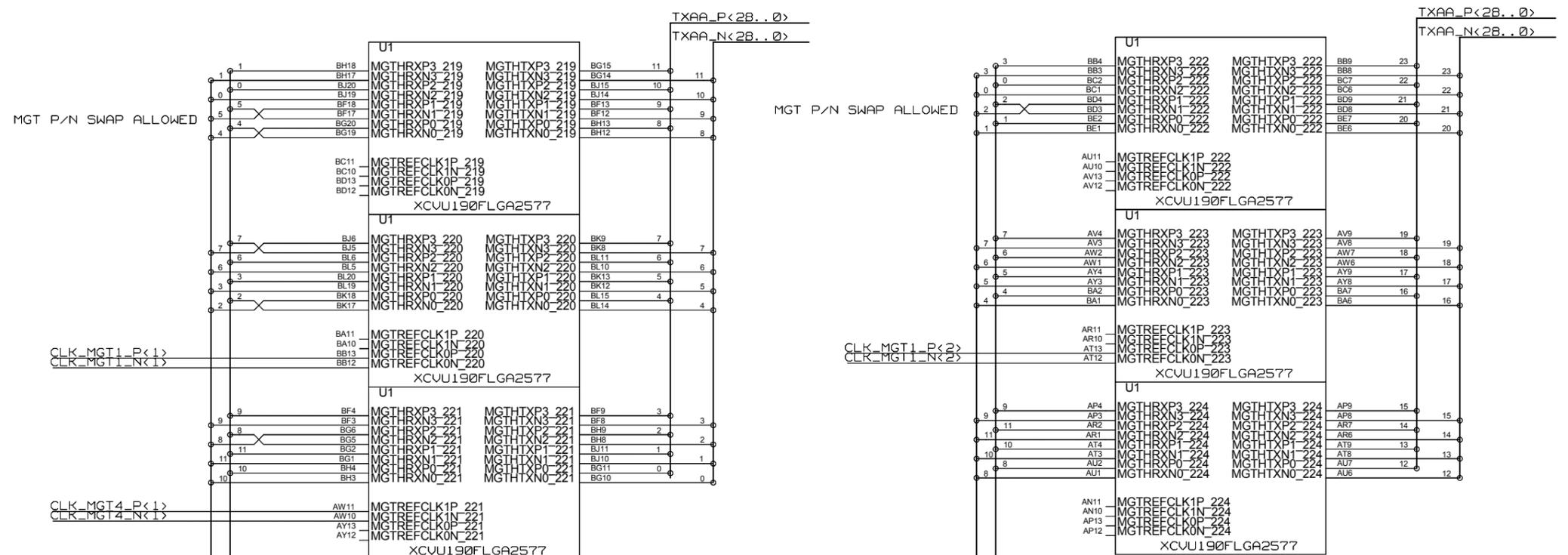
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.

AC COUPLING



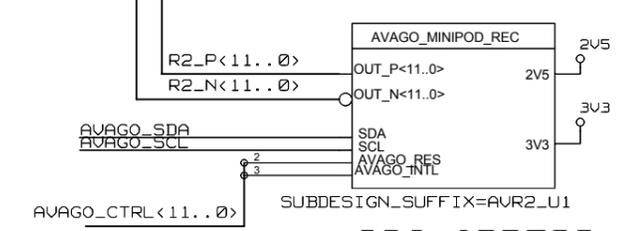
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CHECKED	U.SCHAEFER				
CHECKED	S.RAVE				
DRAWN	BAUSS	07.08.2015		DRAWING NO.	
BLOCK TITLE				SIZE	REV.
U1_MGT_REAL_TIME				C	
UNIVERSITY OF MAINZ				SCALE	SHEET 1 of 7

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



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 AVAGO_CTRL 0, 2, 4, 6, 8, 10 = AVAGO_RES_XX
 AVAGO_CTRL 1, 3, 5, 7, 9, 11 = AVAGO_INTL_XX

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 R5=XXX R6=XXX
 R7=XXX R8=XXX

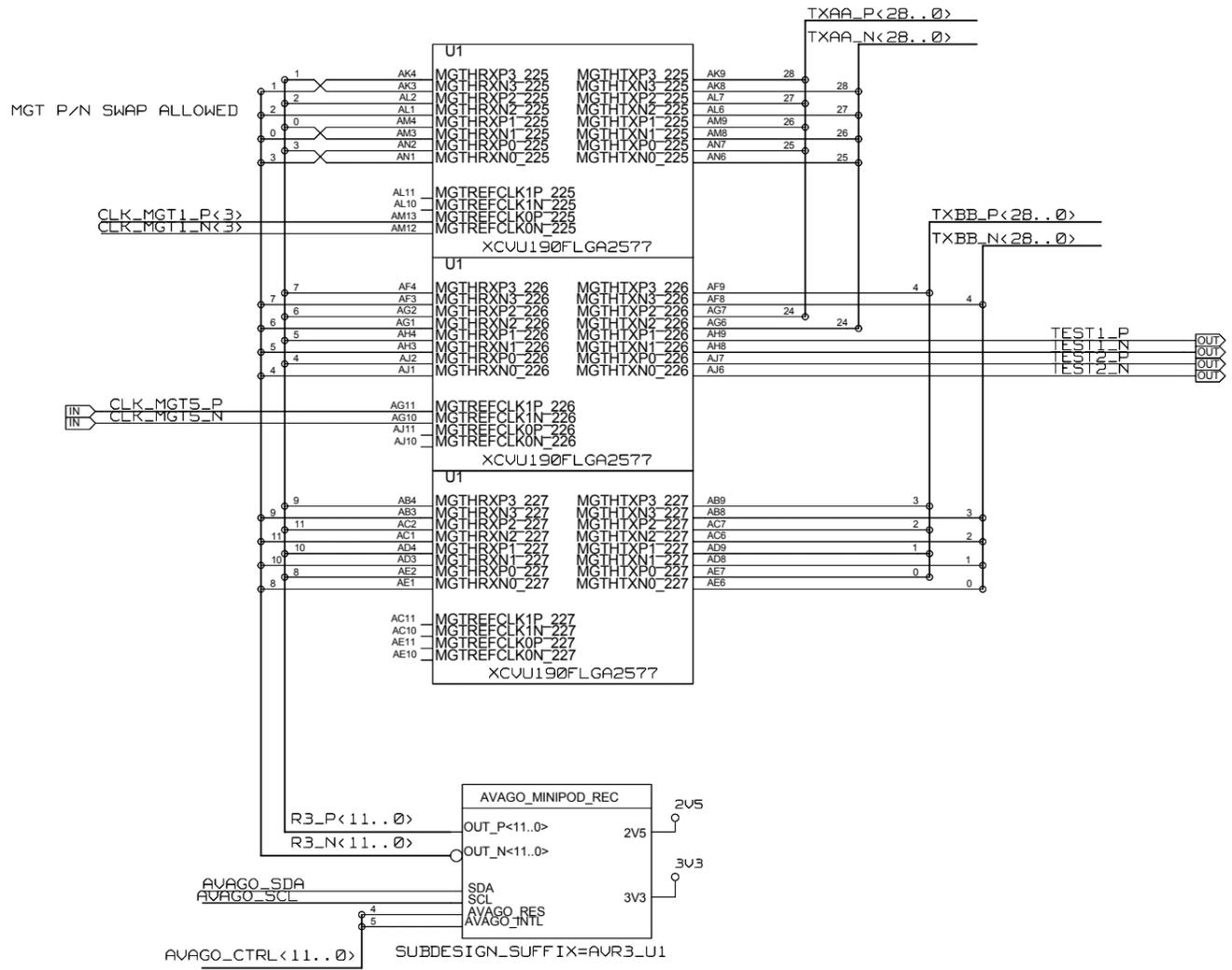


I2C ADDRESS:
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 R5=XXX R6=XXX
 R7=XXX R8=XXX

BANK
219
220
221
222
223
224

NAME	DATE	SIGN	DRAWING TITLE
CHECKED E.ROCCO			AVAGO TXA
CHECKED U.SCHAEFER			
CHECKED S.RAVE			
DRAWN BAUSS	07.08.2015		
BLOCK TITLE			
U1_MGT_REAL_TIME			SIZE C REV. DRAWING NO.
UNIVERSITY OF MAINZ			SCALE SHEET 2 OF 7

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.

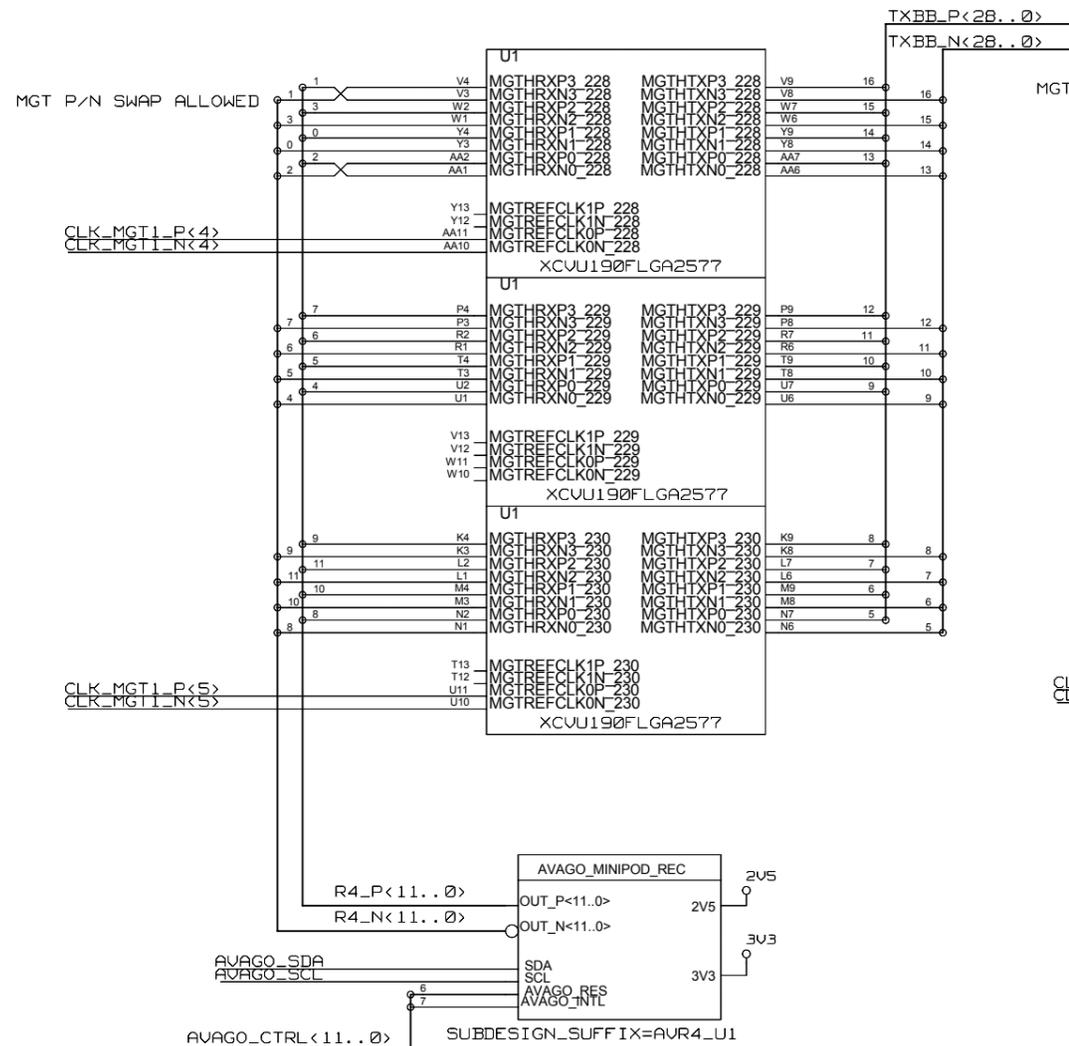


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R5=XXX R6=XXX
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BANK
225
226
227

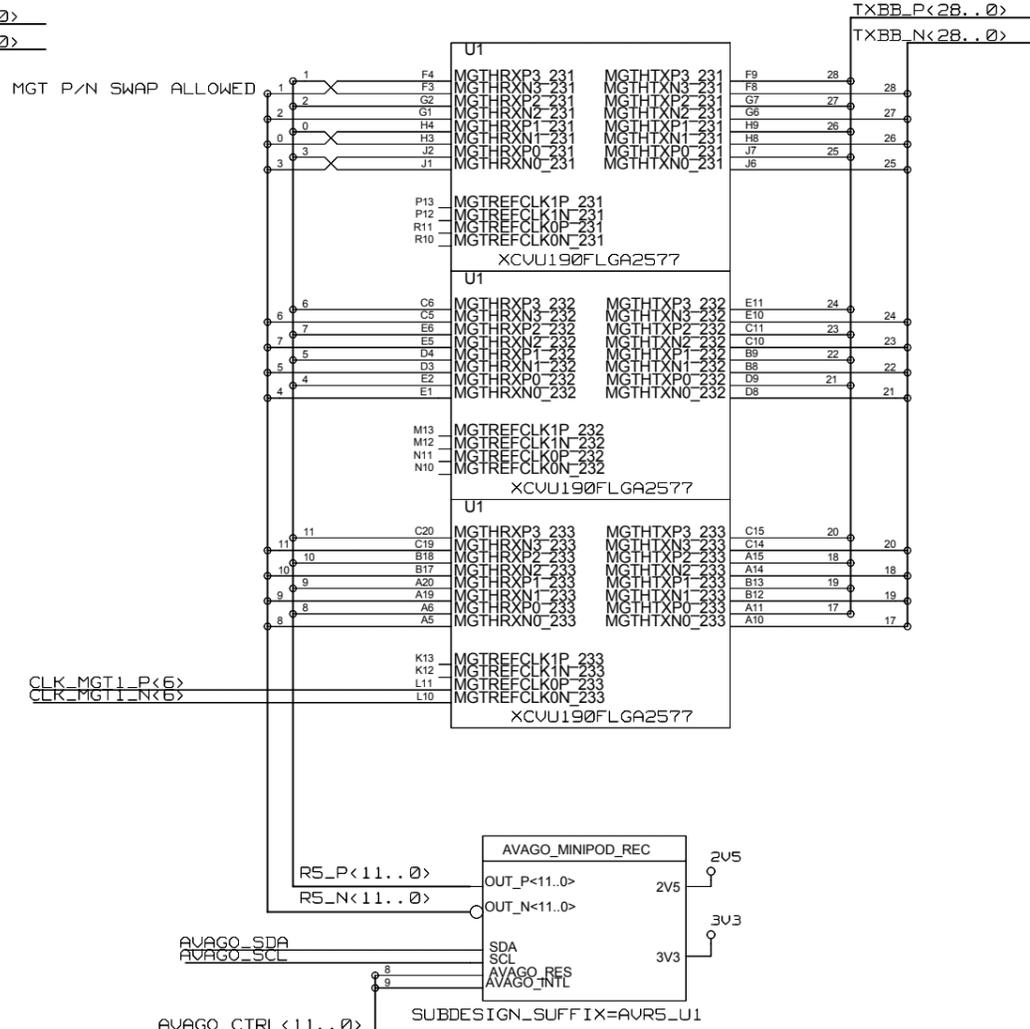
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CHECKED	U.SCHAEFER					
CHECKED	S.RAVE					
DRAWN	BAUSS	07.08.2015				
BLOCK TITLE U1_MGT_REAL_TIME				SIZE C	REV.	DRAWING NO.
UNIVERSITY OF MAINZ				SCALE	SHEET 3 of 7	

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



I2C ADDRESS:

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R5=XXX	R6=XXX
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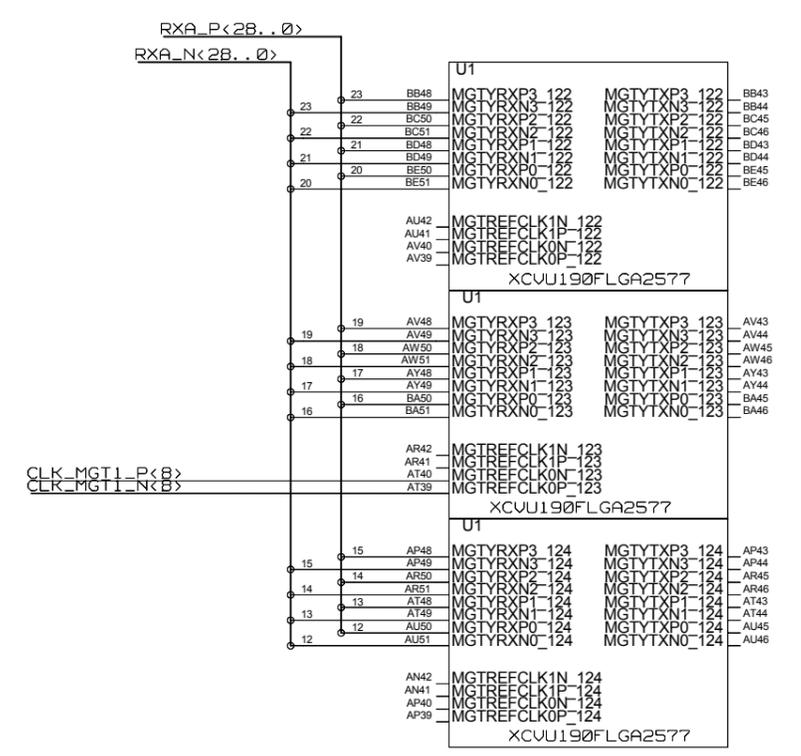
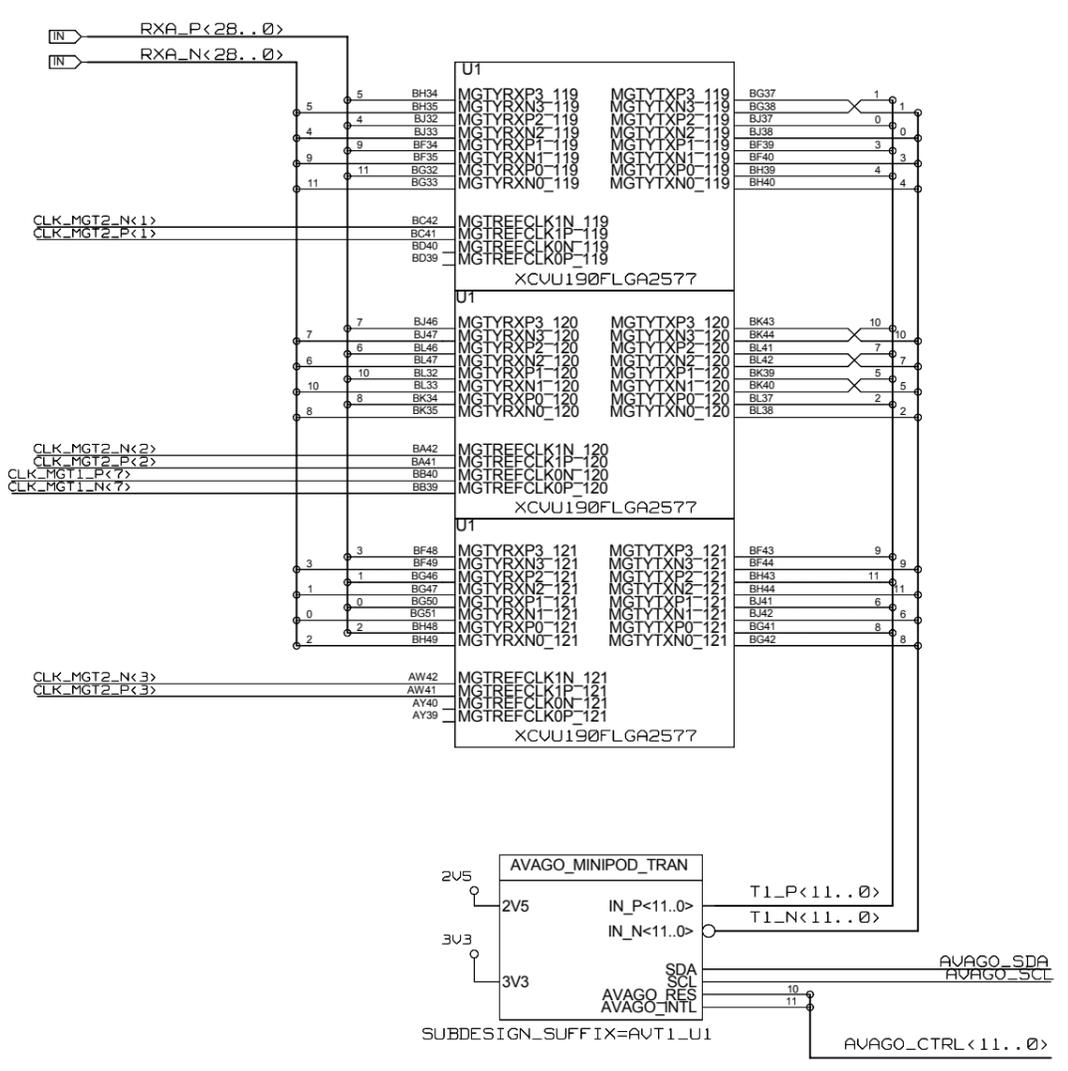
I2C ADDRESS:

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R5=XXX	R6=XXX
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BANK
2208
2209
2210
2211
2212
2213
2214
2215
2216
2217
2218
2219
2220

CHECKED	NAME	DATE	SIGN	DRAWING TITLE	
CHECKED	E.ROCCO				<h1>AVAGO TXB</h1>
CHECKED	U.SCHAEFER				
CHECKED	S.RAVE				
DRAWN	BAUSS	07.08.2015			
BLOCK TITLE				DRAWING NO.	
UNIVERSITY OF MAINZ				SIZE C	
				REV.	
				DRAWING NO.	
				SHEET 4 of 7	

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.

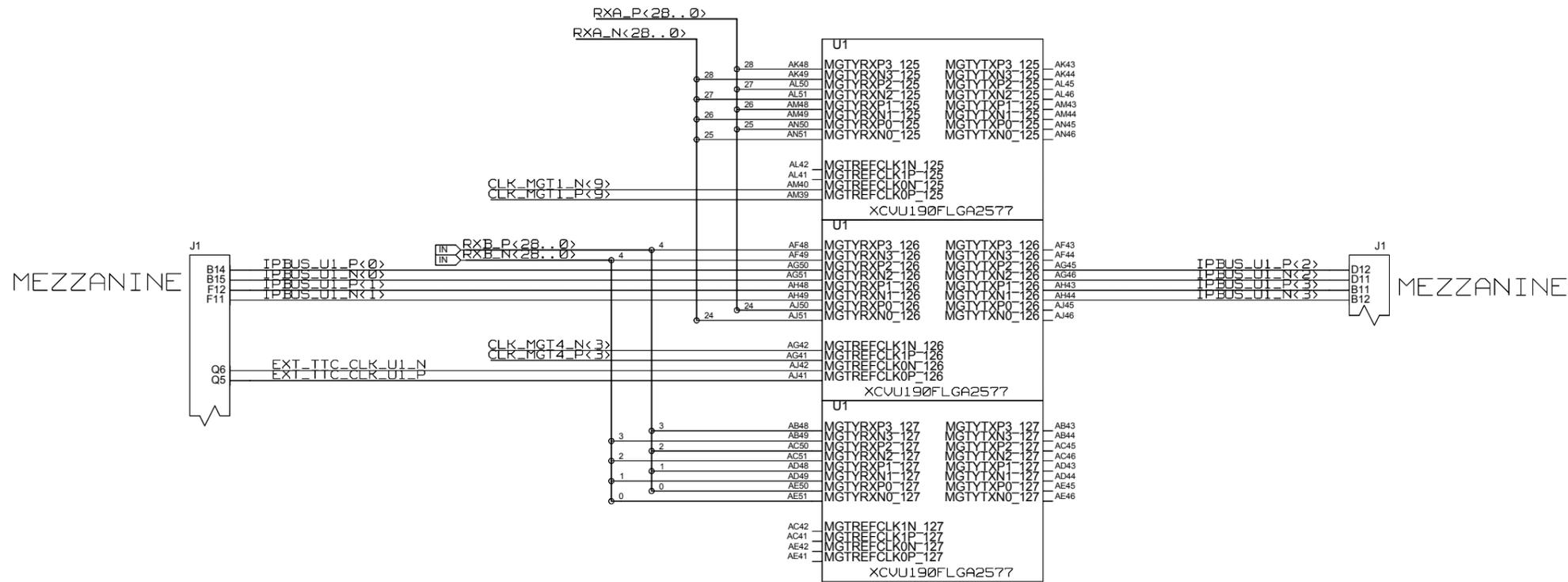


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BANK
119
120
121
122
123
124

CHECKED	E.ROCCO	DATE	SIGN	DRAWING TITLE AVAGO RXA
CHECKED	U.SCHAEFER			
CHECKED	S.RAVE			
DRAWN	BAUSS	07.08.2015		
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UNIVERSITY OF MAINZ				SIZE C
				REV.
				DRAWING NO.
SCALE				SHEET 5 of 7

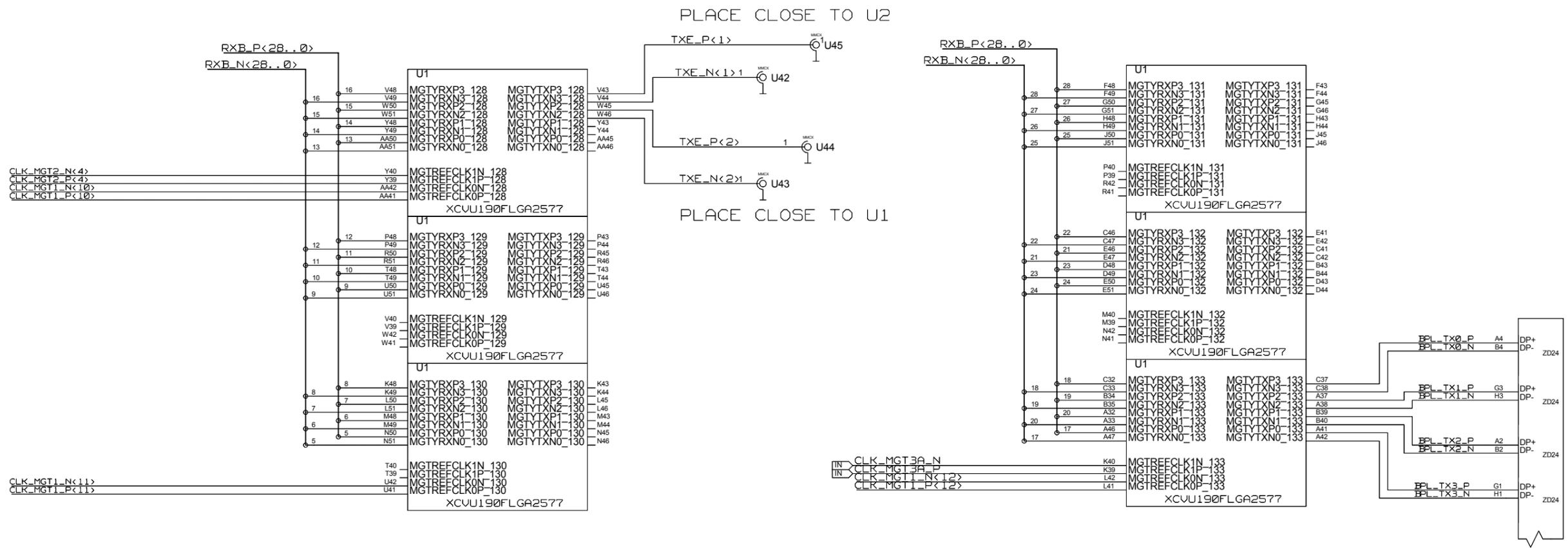
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



BANK
125
126
127

CHECKED	NAME	DATE	SIGN	DRAWING TITLE	
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CHECKED	U.SCHAEFER				
CHECKED	S.RAVE				
DRAWN	BAUSS	07.08.2015			
BLOCK TITLE				SIZE	DRAWING NO.
U1_MGT_REAL_TIME				C	
UNIVERSITY OF MAINZ				SCALE	SHEET 6 OF 7

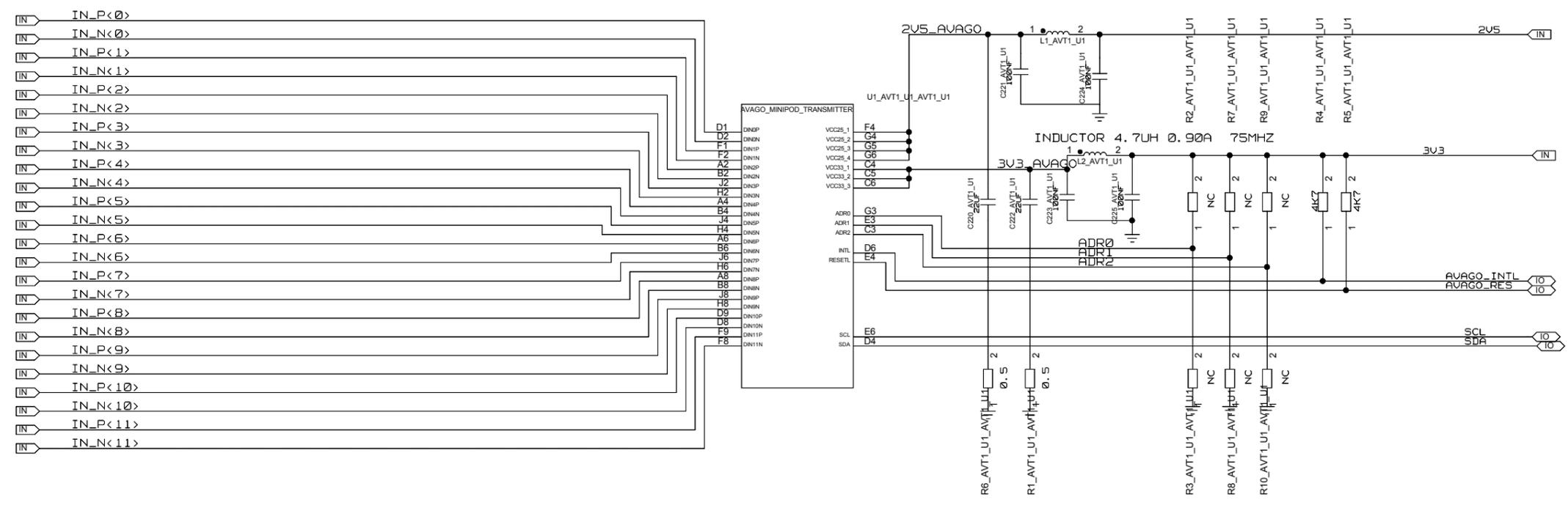
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ZONE	LTR	DESCRIPTION	DATE	APPR.



BANK
128
129
130
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132
133

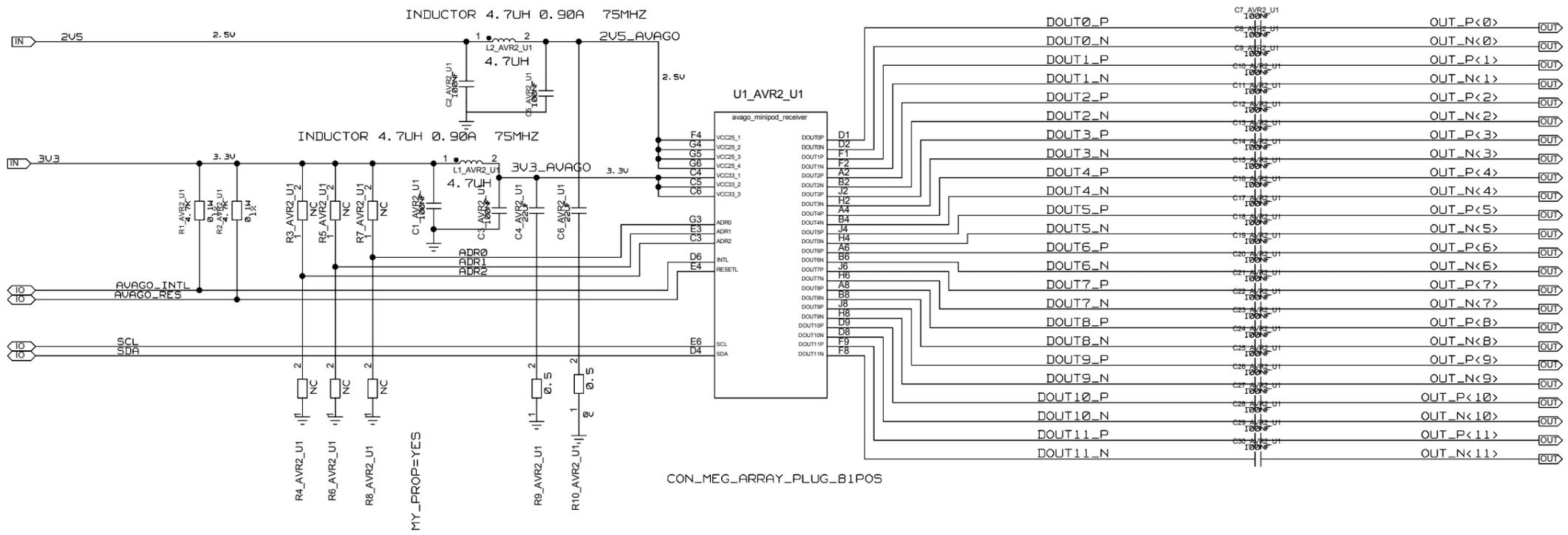
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CHECKED	U.SCHAEFER				
CHECKED	S.RAVE				
DRAWN	BAUSS	07.08.2015			
BLOCK TITLE				DRAWING NO.	
U1_MGT_REAL_TIME				DRAWING NO.	
UNIVERSITY OF MAINZ				SIZE	REV.
				C	
				SCALE	SHEET 7 OF 7

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



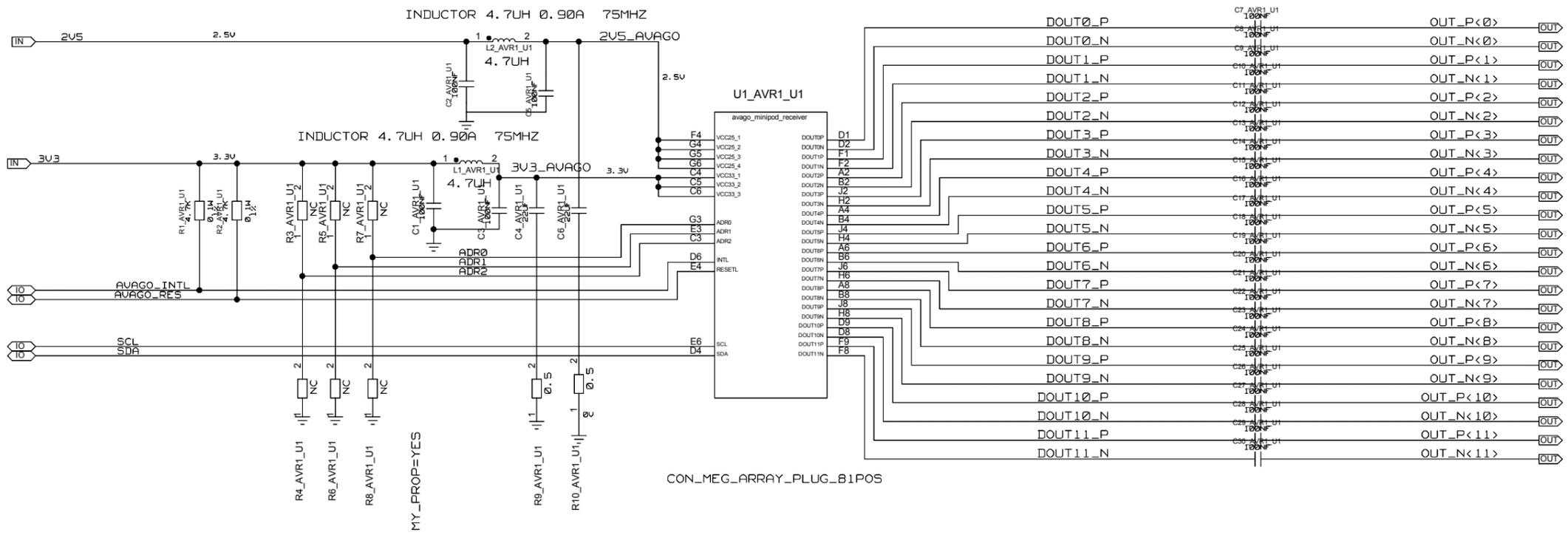
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		AVAGO TRANSMITTER	
SIZE	REV.	DRAWING NO.	
C			
SCALE			SHEET OF

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



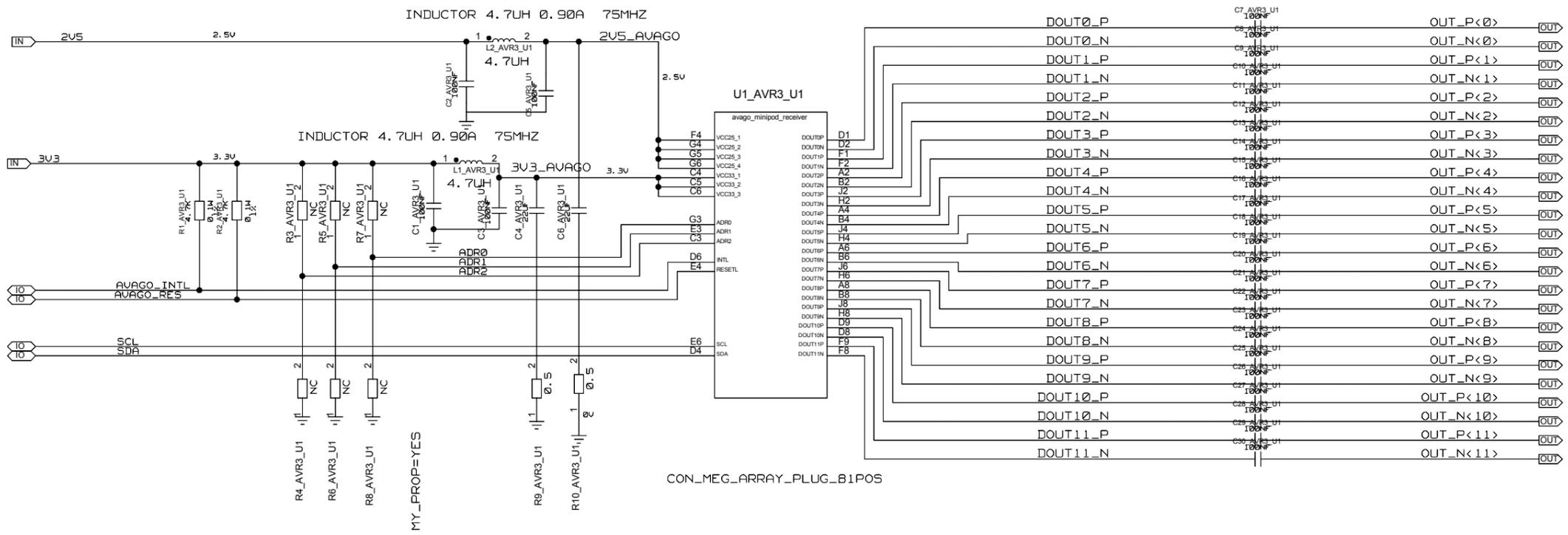
UNIVERSITY OF MAINZ		DRAWING TITLE	
		AVAGO RECEIVER	
SIZE C	REV.	DRAWING NO.	
SCALE		SHEET	OF

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



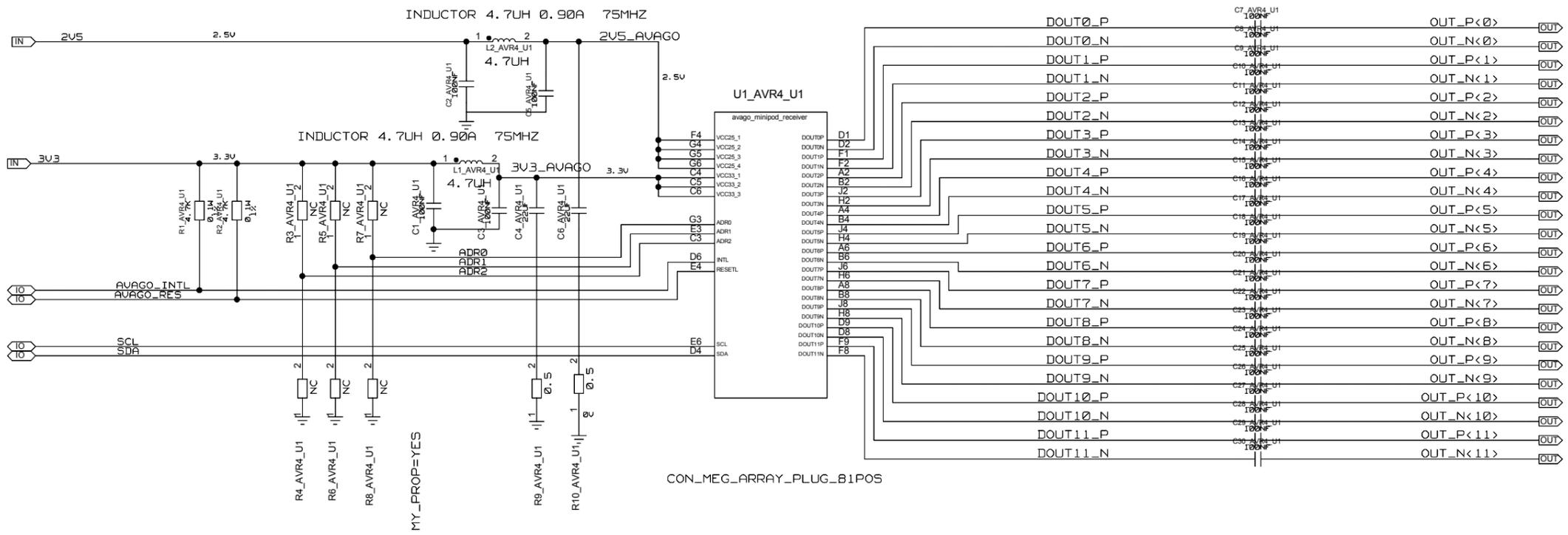
UNIVERSITY OF MAINZ		DRAWING TITLE	
		AVAGO RECEIVER	
SIZE	REV.	DRAWING NO.	
C			
SCALE		SHEET	OF

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



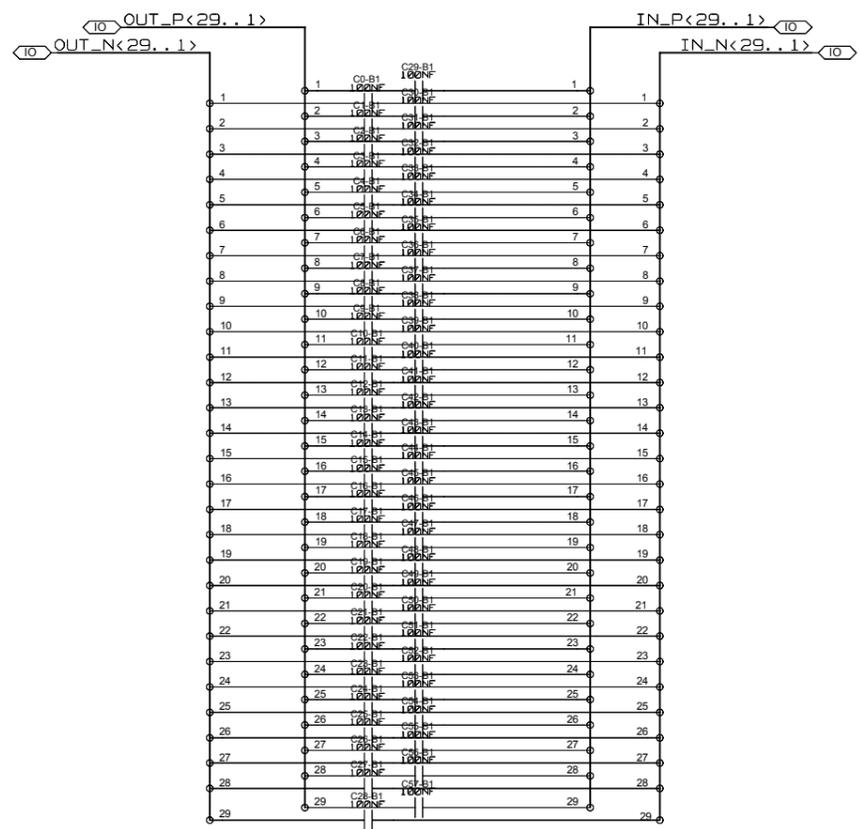
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SIZE	REV.	DRAWING NO.	
C			
SCALE			SHEET OF

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



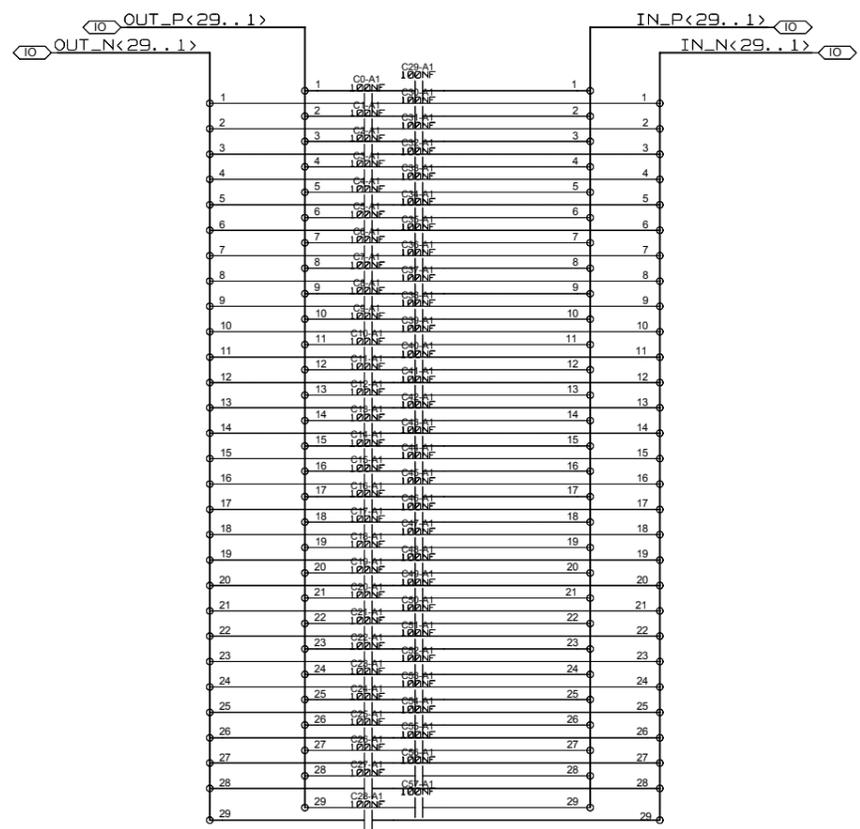
UNIVERSITY OF MAINZ		DRAWING TITLE	
		AVAGO RECEIVER	
SIZE C	REV.	DRAWING NO.	
SCALE			SHEET OF

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



CHECKED	E.ROCCO	DATE	SIGN	DRAWING TITLE AC COUPLING 29BIT		
CHECKED	U.SCHAEFER					
CHECKED	S.RAVE					
DRAWN	BAUSS					
BLOCK TITLE						
UNIVERSITY OF MAINZ				SIZE C	REV.	DRAWING NO.
				SCALE		SHEET OF

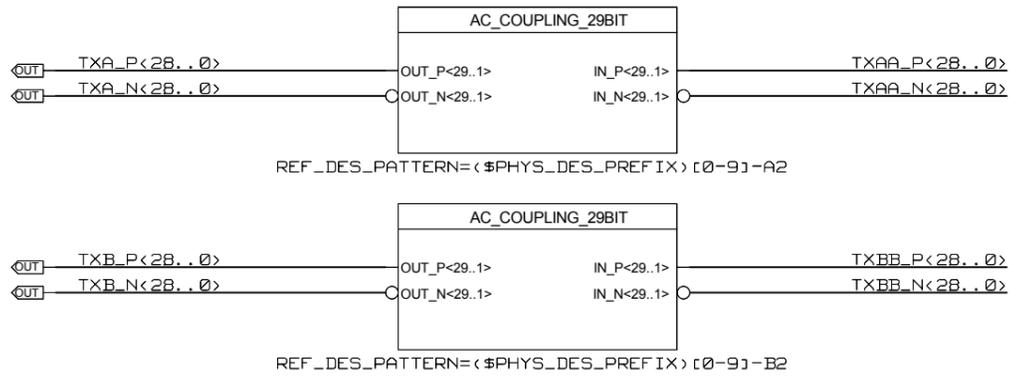
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



CHECKED	E.ROCCO	DATE	SIGN	DRAWING TITLE AC COUPLING 29BIT		
CHECKED	U.SCHAEFER					
CHECKED	S.RAVE					
DRAWN	BAUSS					
BLOCK TITLE						
UNIVERSITY OF MAINZ				SIZE C	REV.	DRAWING NO.
				SCALE		SHEET OF

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.

AC COUPLING



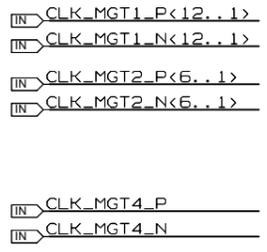
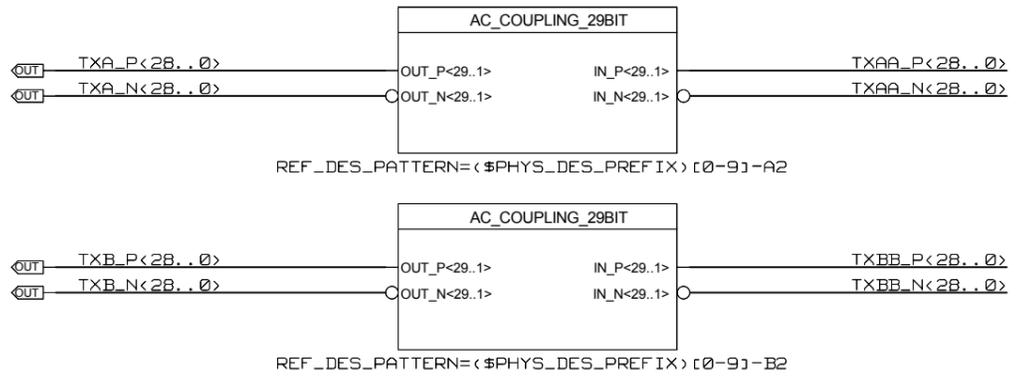
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 IN CLK_MGT1_N<12..1>
 IN CLK_MGT2_P<6..1>
 IN CLK_MGT2_N<6..1>

IN CLK_MGT4_P
 IN CLK_MGT4_N

	NAME	DATE	SIGN	DRAWING TITLE	
CHECKED	E.ROCCO			I/O + AC COUPLING	
CHECKED	U.SCHAEFER				
CHECKED	S.RAVE				
DRAWN	BAUSS	07.08.2015		BLOCK TITLE	
UNIVERSITY OF MAINZ				SIZE C	DRAWING NO.
				SCALE	SHEET 1 of 7

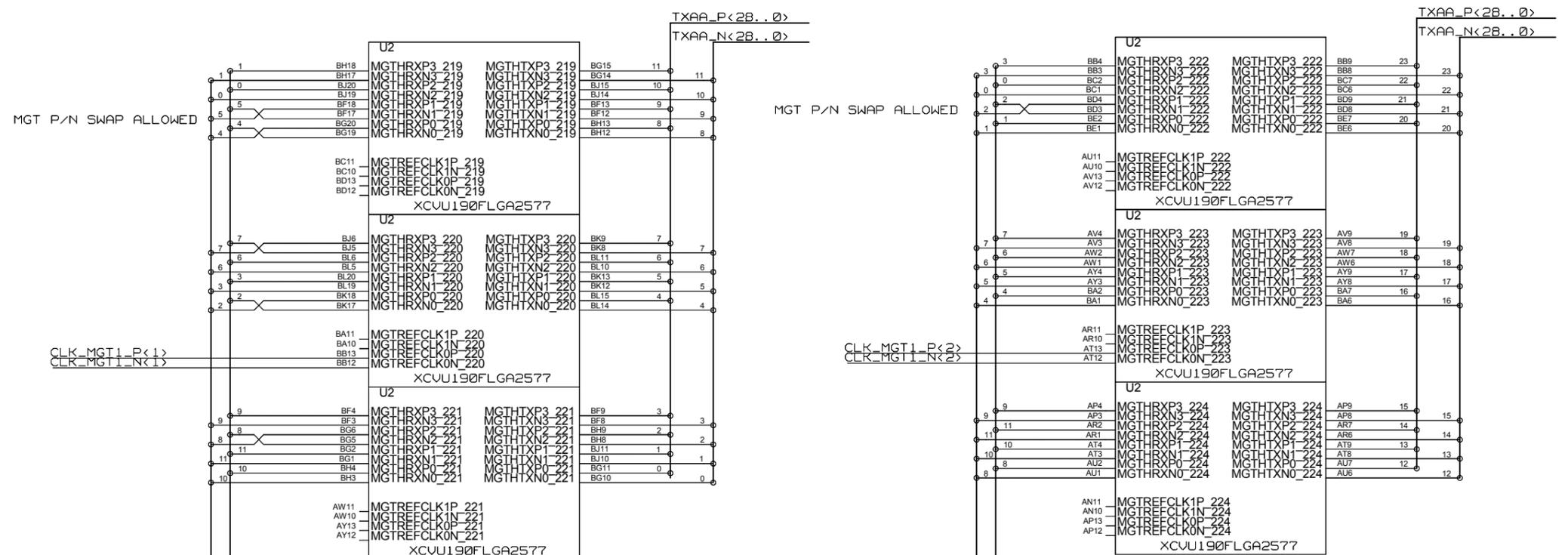
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.

AC COUPLING



	NAME	DATE	SIGN	DRAWING TITLE	
CHECKED	E.ROCCO			I/O + AC COUPLING	
CHECKED	U.SCHAEFER				
CHECKED	S.RAVE				
DRAWN	BAUSS	07.08.2015			
BLOCK TITLE				SIZE	REV.
U1_MGT_REAL_TIME				C	
UNIVERSITY OF MAINZ				SCALE	DRAWING NO.
					SHEET 1 of 7

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.

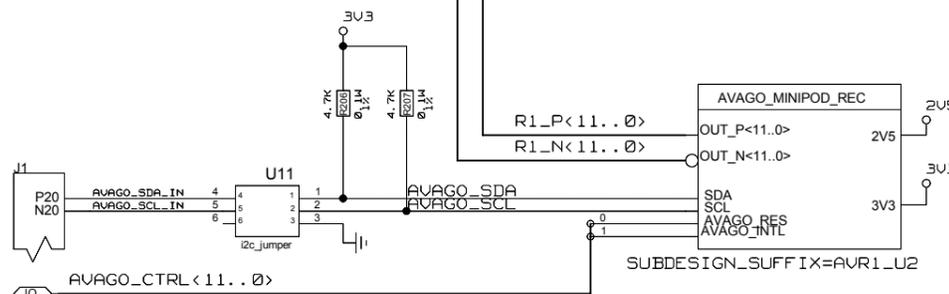


MGT P/N SWAP ALLOWED

MGT P/N SWAP ALLOWED

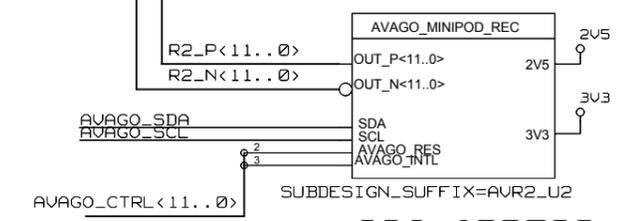
CLK_MGT1_P<1>
CLK_MGT1_N<1>

CLK_MGT1_P<2>
CLK_MGT1_N<2>



AVAGO_CTRL<11..0>
AVAGO_CTRL 0, 2, 4, 6, 8, 10 = AVAGO_RES_XX
AVAGO_CTRL 1, 3, 5, 7, 9, 11 = AVAGO_INTL_XX

I2C ADDRESS:
R3=XXX R4=XXX
R5=XXX R6=XXX
R7=XXX R8=XXX

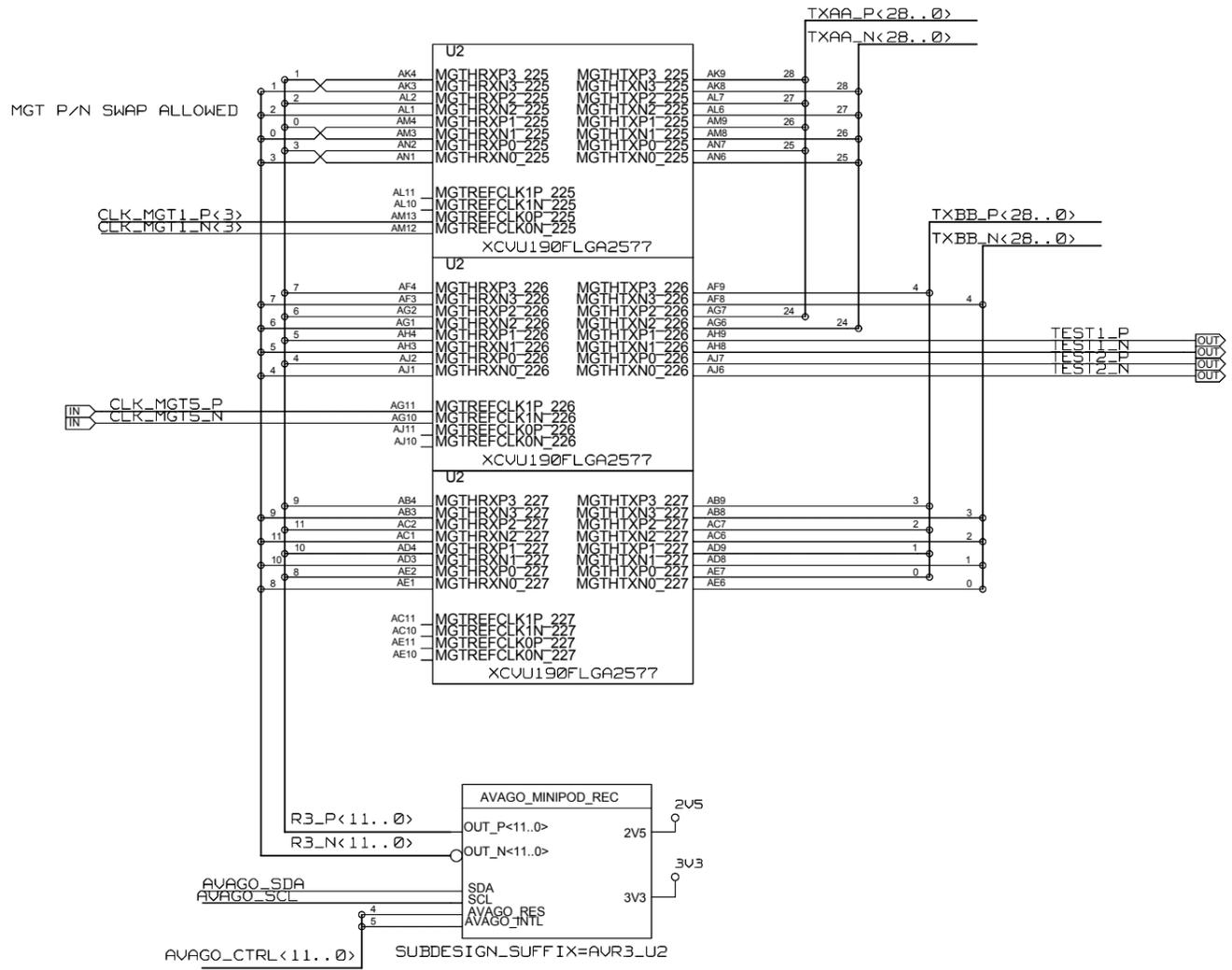


I2C ADDRESS:
R3=XXX R4=XXX
R5=XXX R6=XXX
R7=XXX R8=XXX

BANK
219
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221
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224

NAME	DATE	SIGN	DRAWING TITLE		
CHECKED E.ROCCO			AVAGO TXA		
CHECKED U.SCHAEFER					
CHECKED S.RAVE					
DRAWN BAUSS	07.08.2015				
BLOCK TITLE			SIZE	REV.	DRAWING NO.
UNIVERSITY OF MAINZ			C		
			SCALE		SHEET 2 OF 7

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.

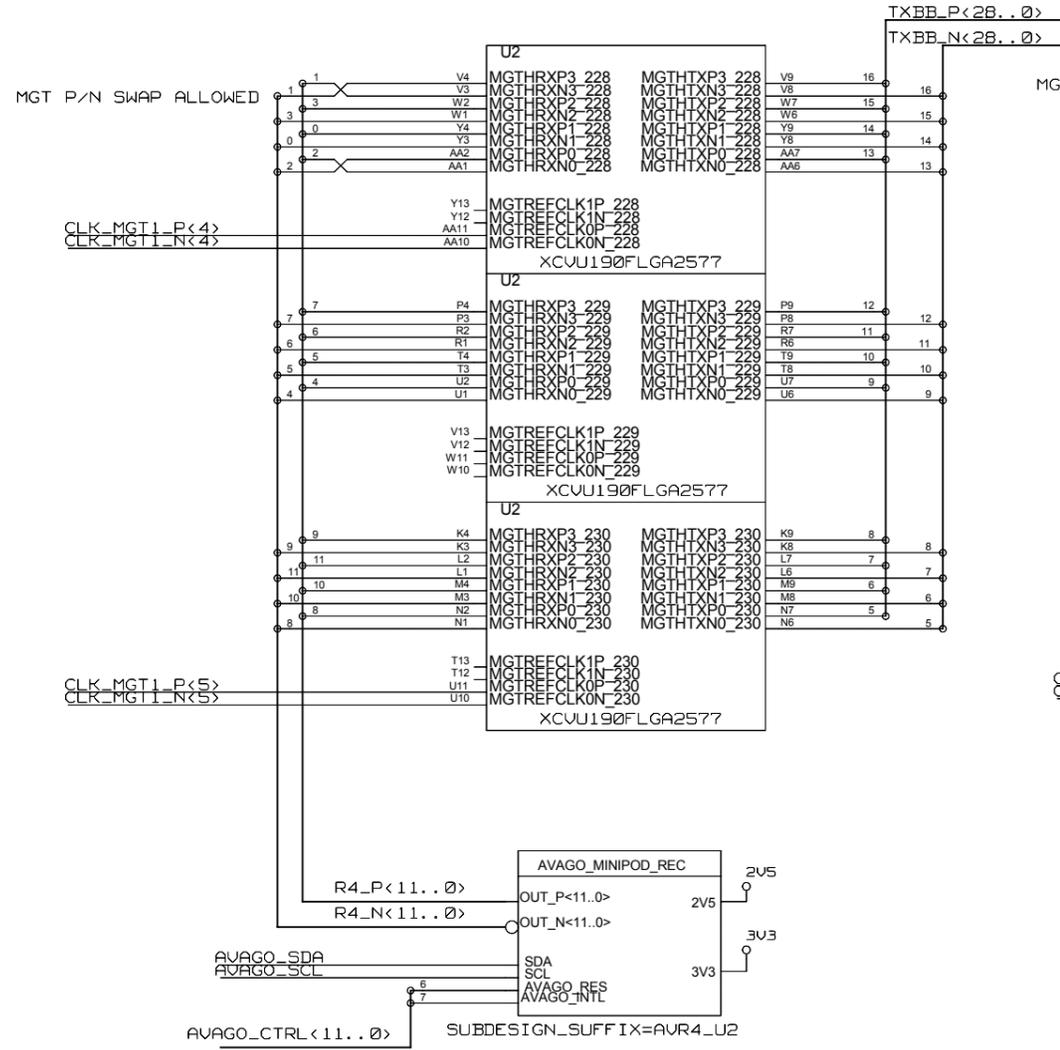


I2C ADDRESS:
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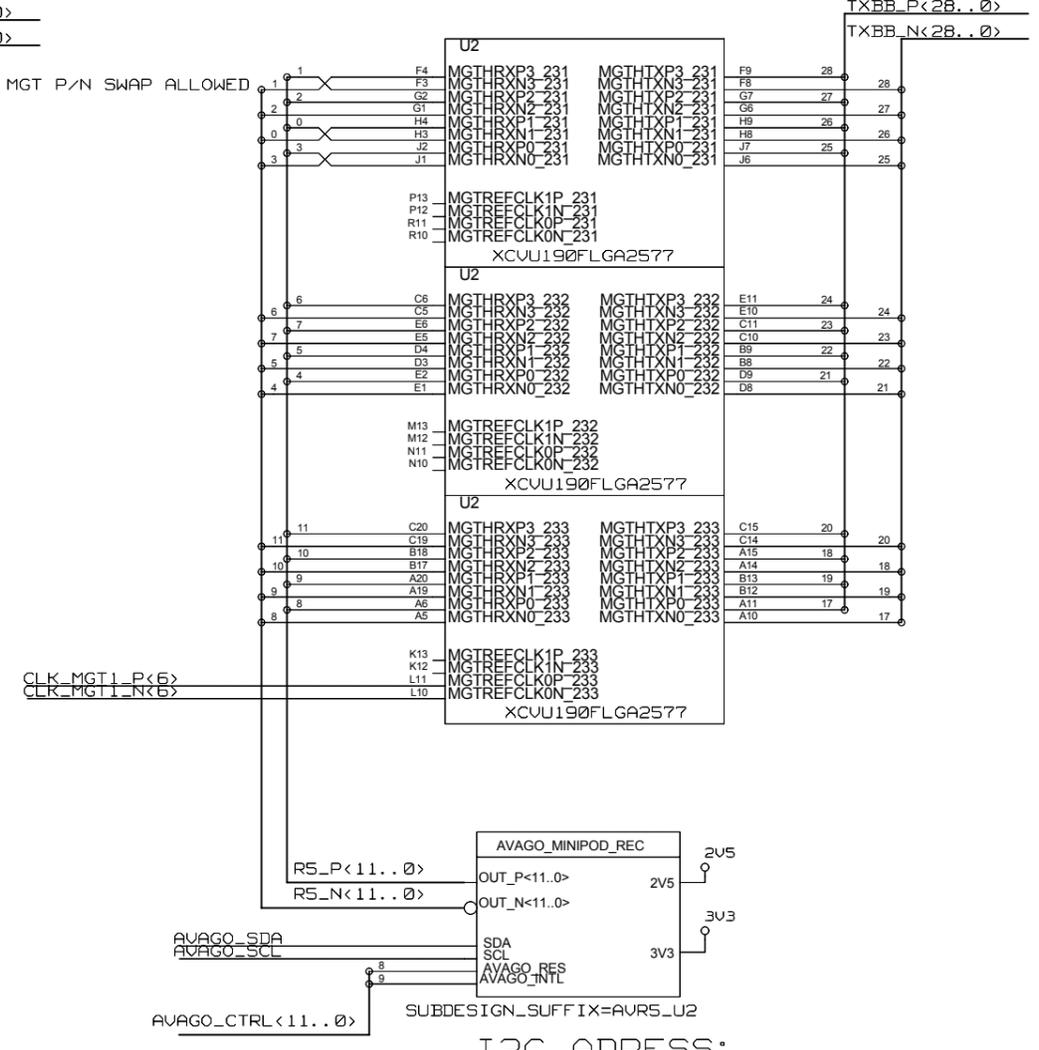
BANK
225
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227

CHECKED	E.ROCCO	DATE	SIGN	DRAWING TITLE AVAGO TXA + TXB
CHECKED	U.SCHAEFER			
CHECKED	S.RAVE			
DRAWN	BAUSS	07.08.2015		
BLOCK TITLE U3_MGT_REAL_TIME				DRAWING NO.
UNIVERSITY OF MAINZ				
SIZE C	REV.	DRAWING NO.		SHEET 3 of 7
SCALE				

REVISIONS			
ZONE	LTR	DESCRIPTION	DATE



I2C ADDRESS:
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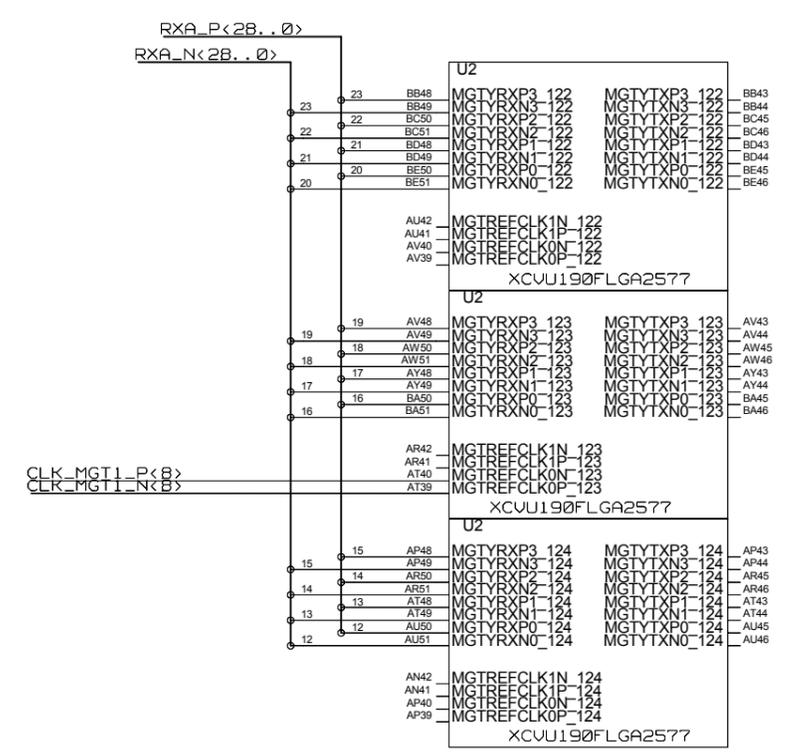
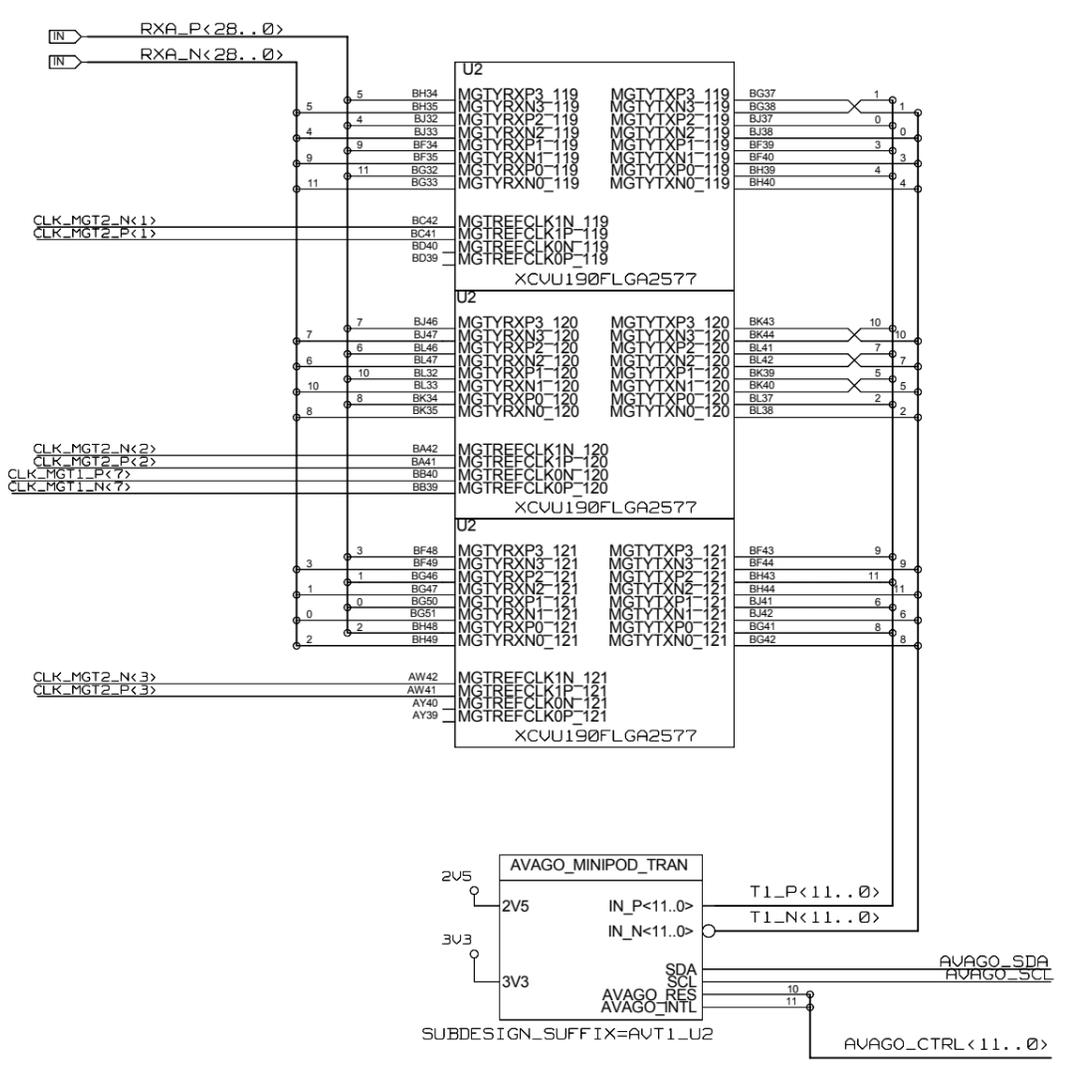


I2C ADDRESS:
R3=XXX R4=XXX
R5=XXX R6=XXX
R7=XXX R8=XXX

BANK
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NAME	DATE	SIGN	DRAWING TITLE
CHECKED E.ROCCO			AVAGO TXB
CHECKED U.SCHAEFER			
CHECKED S.RAVE			
DRAWN BAUSS	07.08.2015		
BLOCK TITLE			
UNIVERSITY OF MAINZ			
SIZE C	REV.	DRAWING NO.	
SCALE		SHEET 4 of 7	

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.

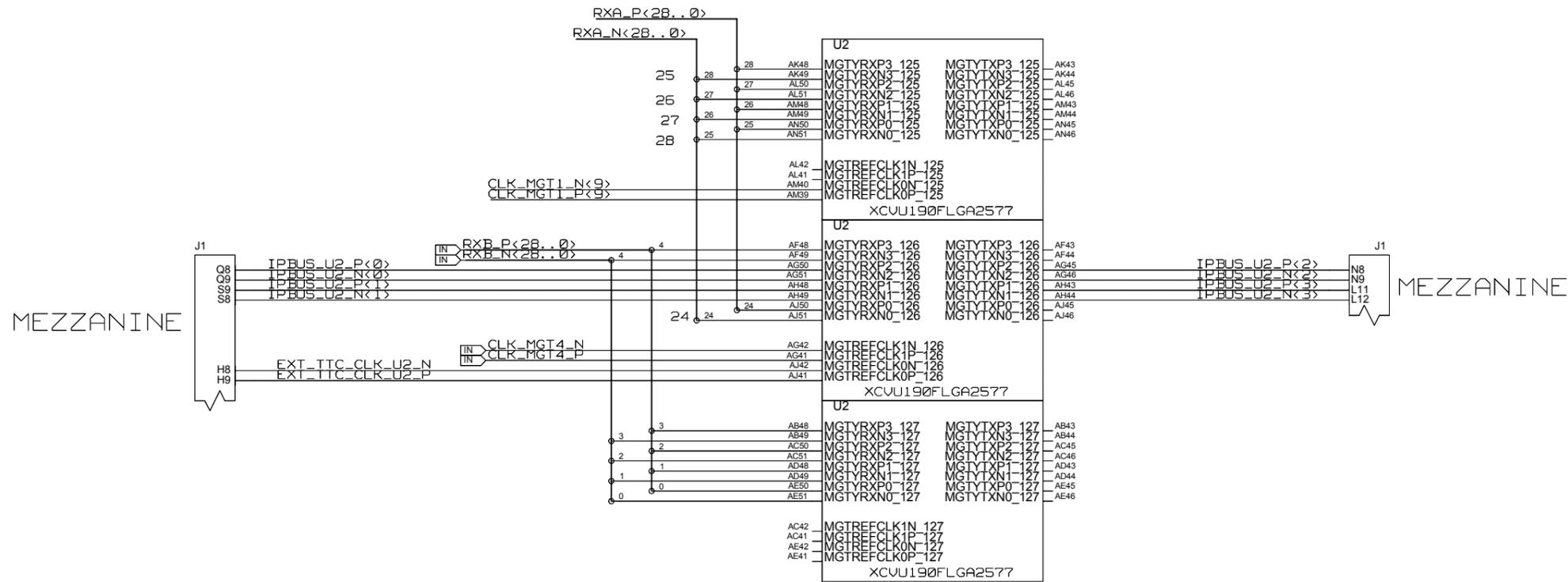


I2C ADDRESS:
R3=XXX R4=XXX
R5=XXX R6=XXX
R7=XXX R8=XXX

BANK
119
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CHECKED	NAME	DATE	SIGN	DRAWING TITLE AVAGO RXA
CHECKED	E.ROCCO			
CHECKED	U.SCHAEFER			
CHECKED	S.RAVE			
DRAWN	BAUSS	07.08.2015		
BLOCK TITLE U2_MGT_REAL_TIME				SIZE C
UNIVERSITY OF MAINZ				REV.
SCALE				DRAWING NO.
SHEET 5 of 7				

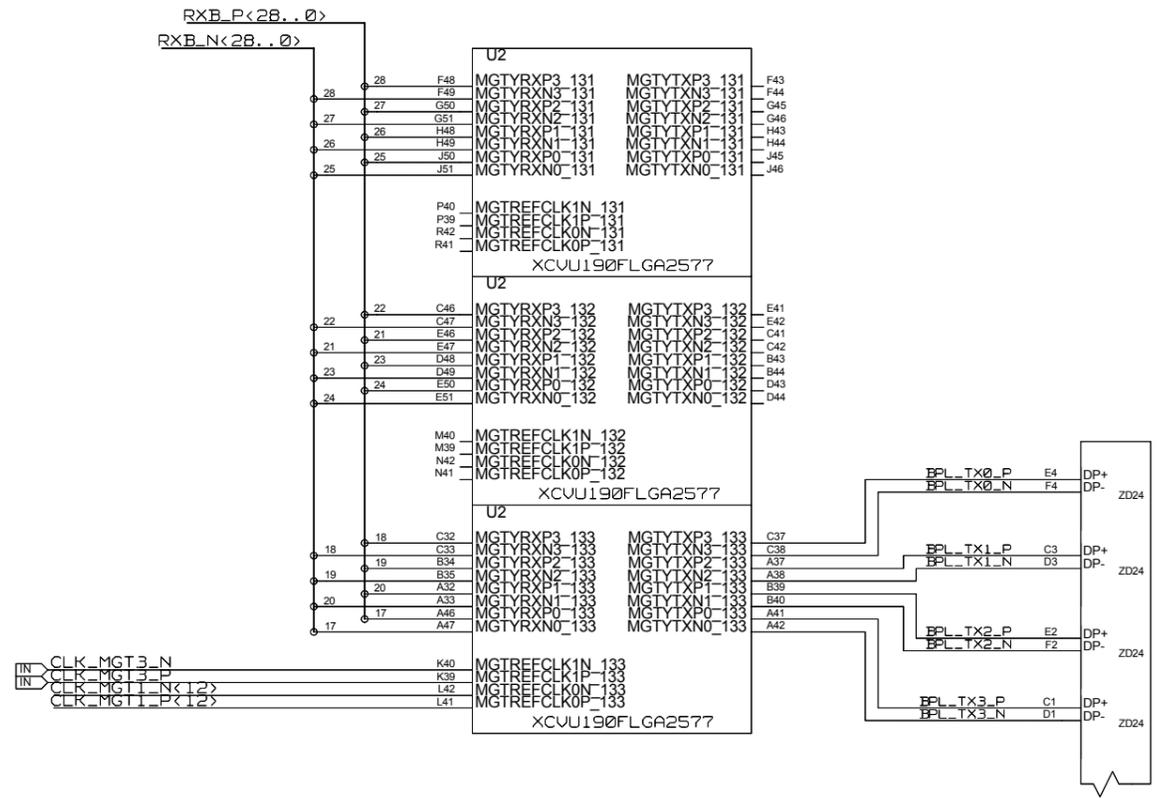
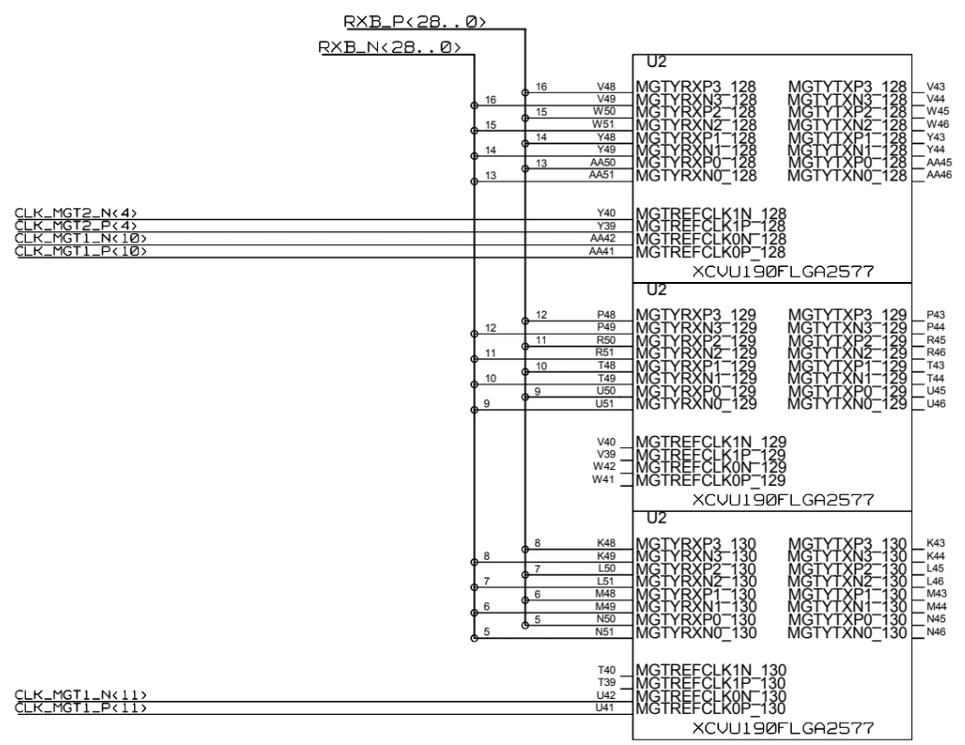
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



BANK
125
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127

CHECKED	E.ROCCO			DRAWING TITLE RXA + RXB TXD + IPBUS
CHECKED	U.SCHAEFER			
CHECKED	S.RAVE			
DRAWN	BAUSS	07.08.2015		
BLOCK TITLE U2_MGT_REAL_TIME				
UNIVERSITY OF MAINZ				SIZE C
				REV.
				DRAWING NO.
SCALE				SHEET 6 of 7

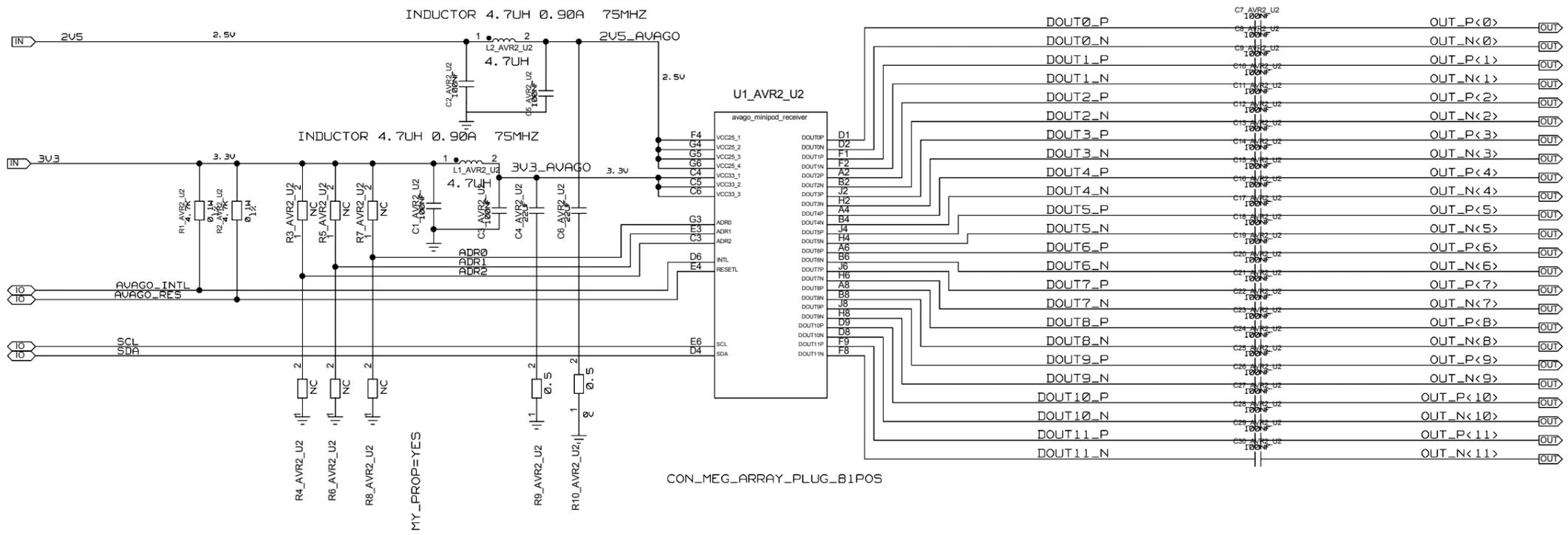
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



BANK
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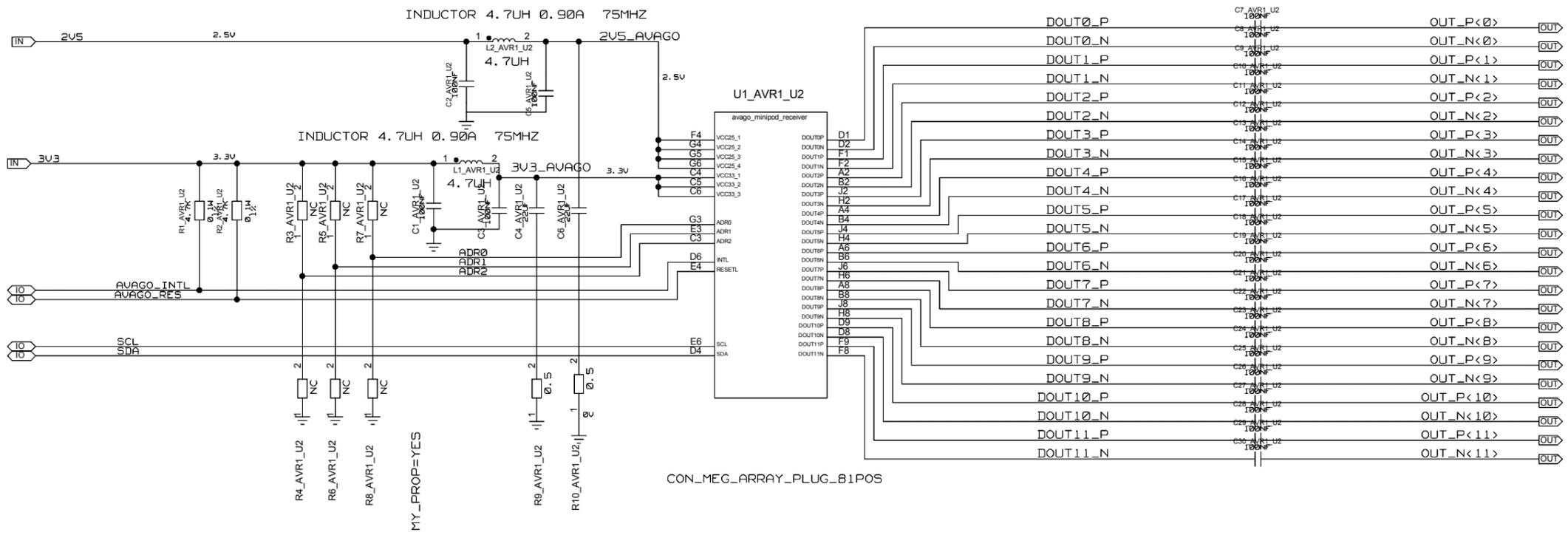
CHECKED	NAME	DATE	SIGN	DRAWING TITLE RXB + TXC
CHECKED	E.ROCCO			
CHECKED	U.SCHAEFER			
CHECKED	S.RAVE			
DRAWN	BAUSS	07.08.2015		
BLOCK TITLE U2_MGT_REAL_TIME				SIZE C
UNIVERSITY OF MAINZ				REV.
				DRAWING NO.
SCALE				SHEET 7 OF 7

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



UNIVERSITY OF MAINZ		DRAWING TITLE	
		AVAGO RECEIVER	
SIZE	REV.	DRAWING NO.	
C			
SCALE		SHEET	OF

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.

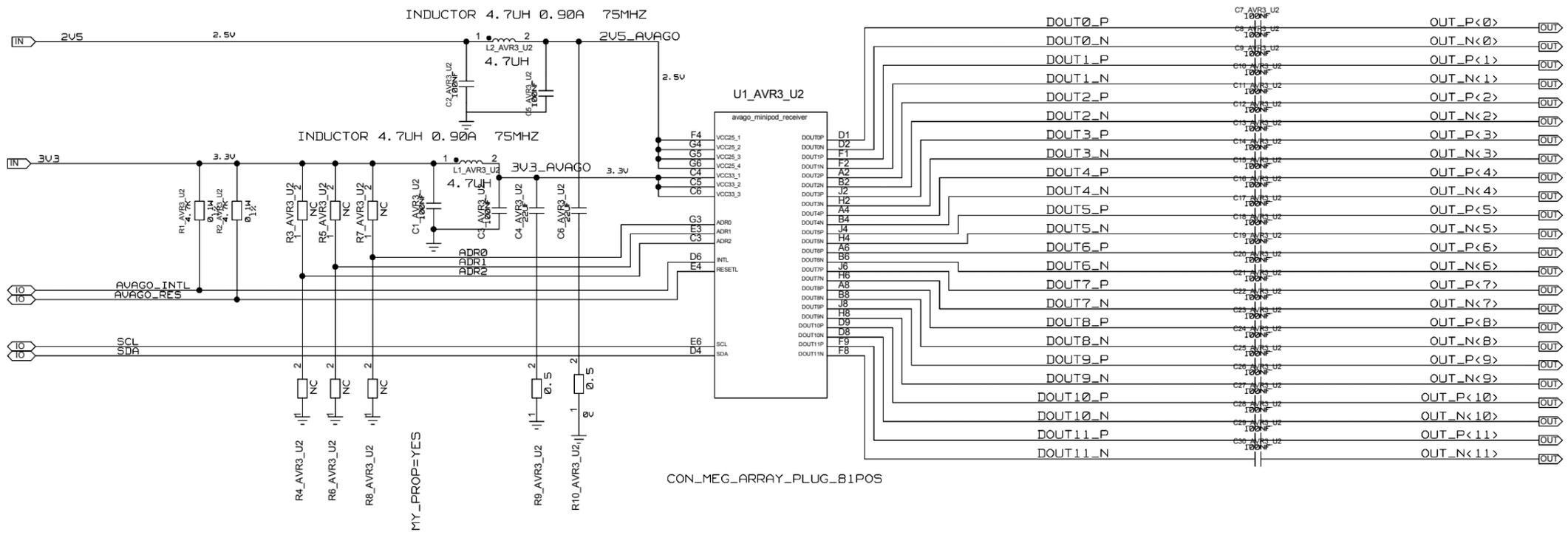


CON_MEG_ARRAY_PLUG_B1POS

MY_PROP=YES

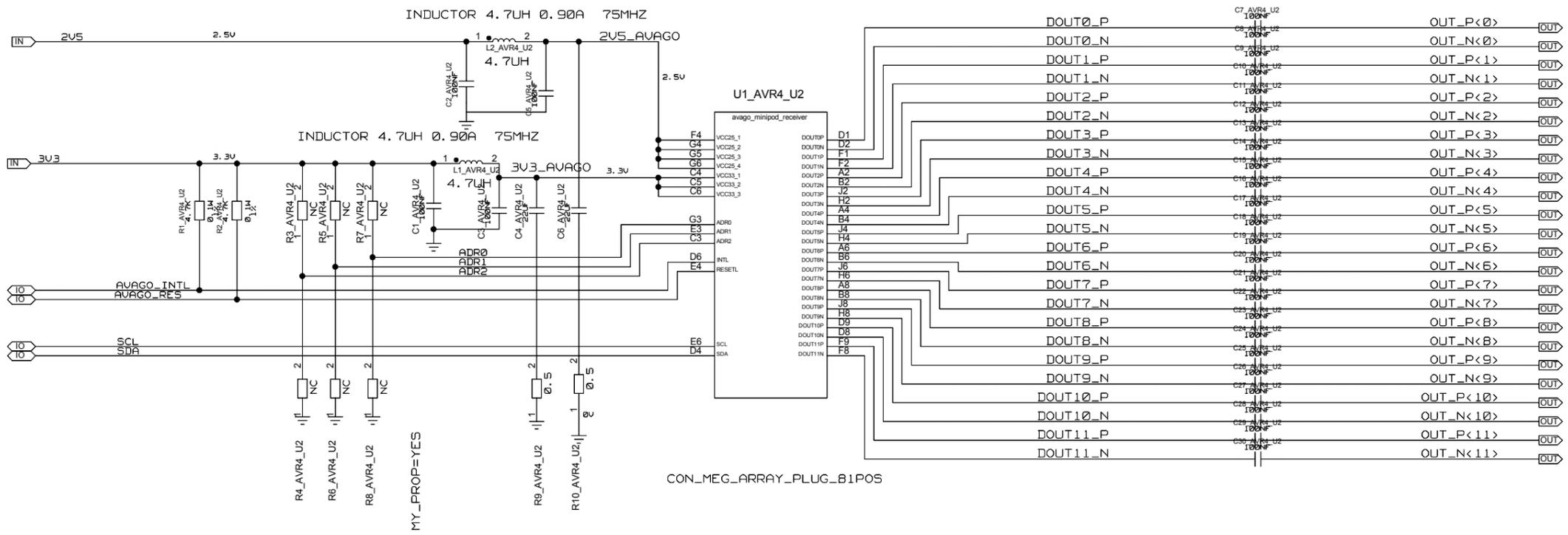
UNIVERSITY OF MAINZ		DRAWING TITLE	
		AVAGO RECEIVER	
SIZE	REV.	DRAWING NO.	
C			
SCALE			SHEET OF

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



UNIVERSITY OF MAINZ		DRAWING TITLE	
		AVAGO RECEIVER	
SIZE	REV.	DRAWING NO.	
C			
SCALE		SHEET	OF

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.

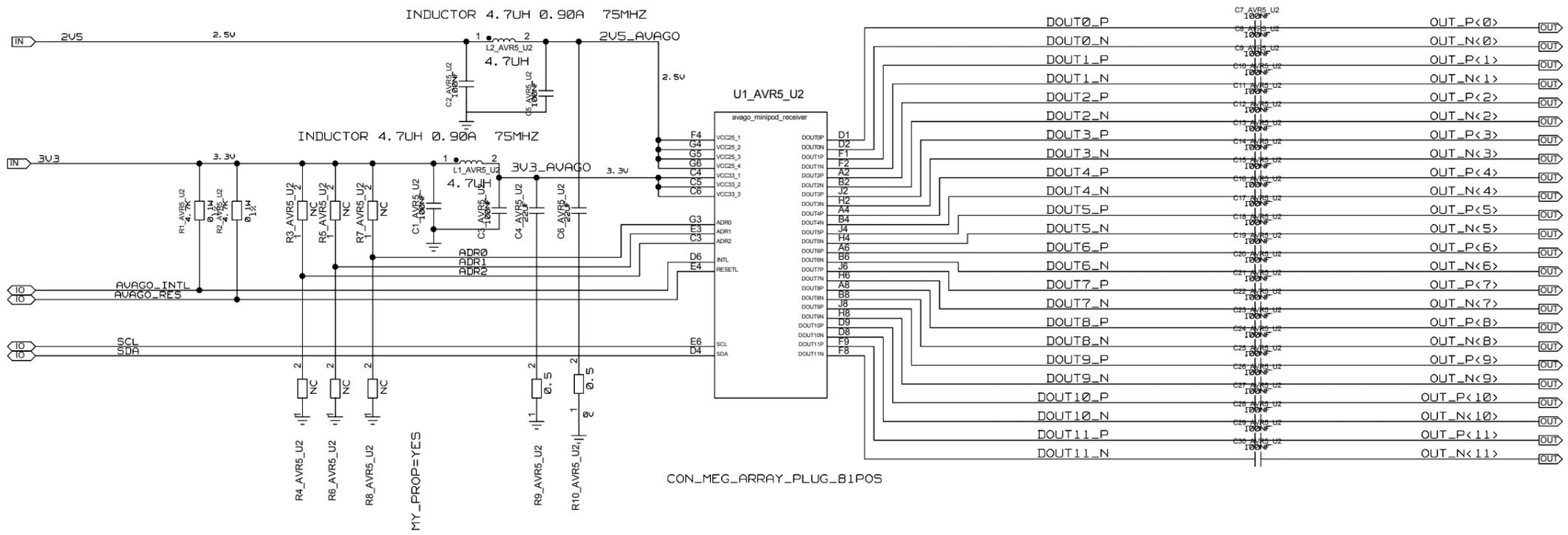


CON_MEG_ARRAY_PLUG_B1POS

MY_PROP=YES

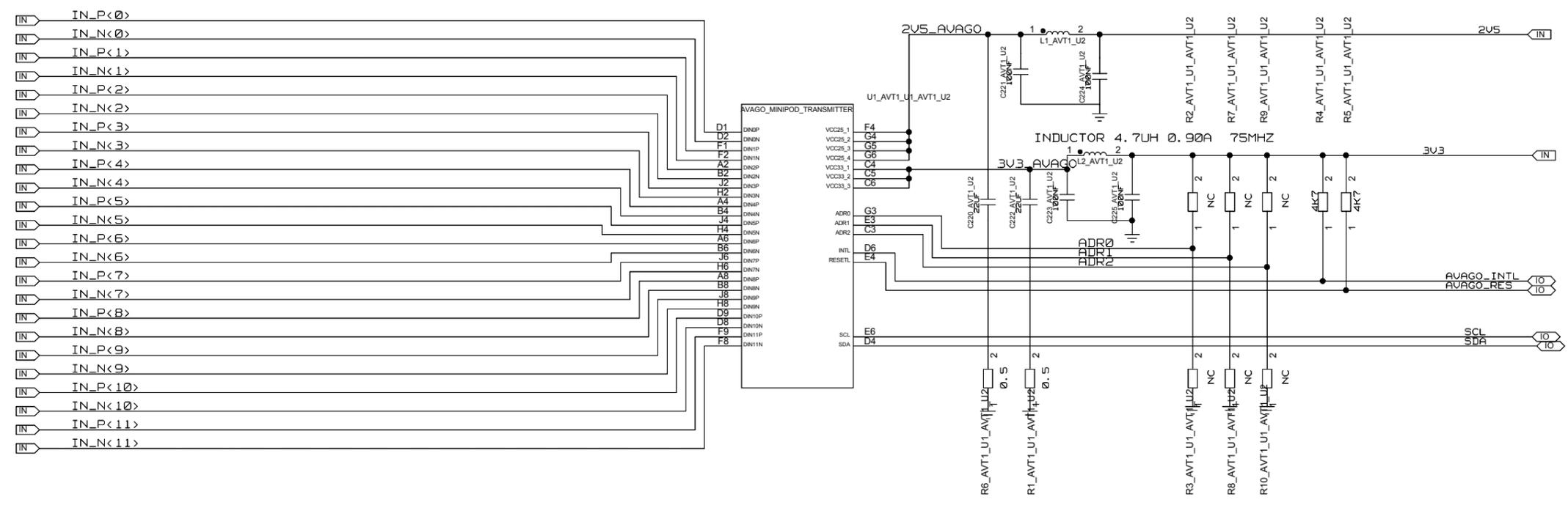
UNIVERSITY OF MAINZ		DRAWING TITLE	
		AVAGO RECEIVER	
SIZE	REV.	DRAWING NO.	
C			
SCALE		SHEET OF	

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



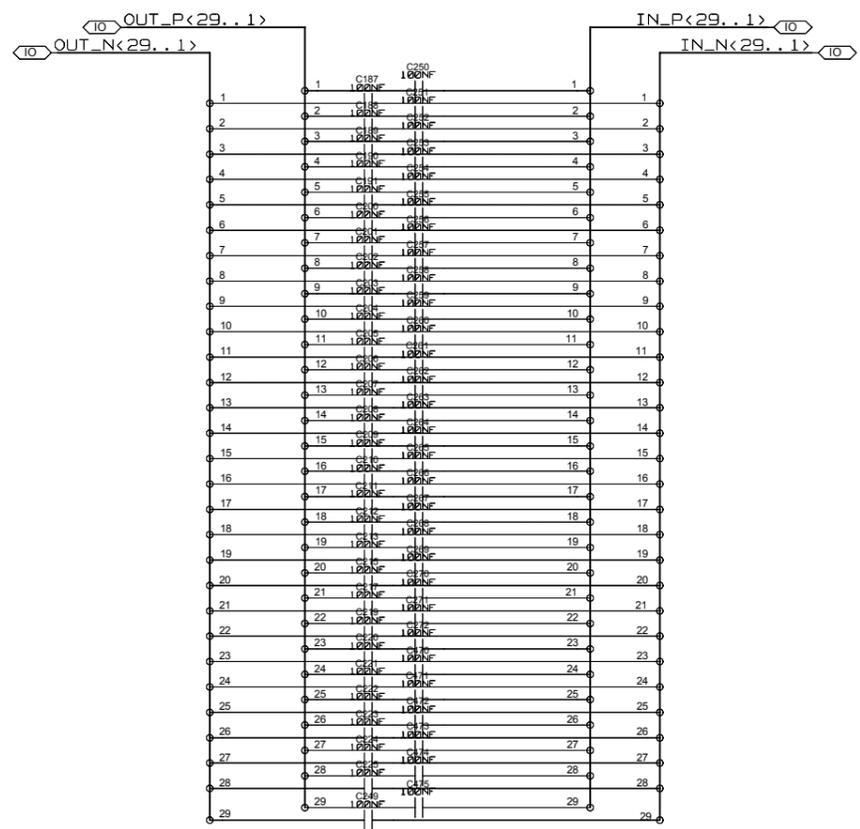
UNIVERSITY OF MAINZ		DRAWING TITLE	
		AVAGO RECEIVER	
SIZE	REV.	DRAWING NO.	
C			
SCALE		SHEET	OF

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



UNIVERSITY OF MAINZ		DRAWING TITLE	
		AVAGO TRANSMITTER	
SIZE	REV.	DRAWING NO.	
C			
SCALE			SHEET OF

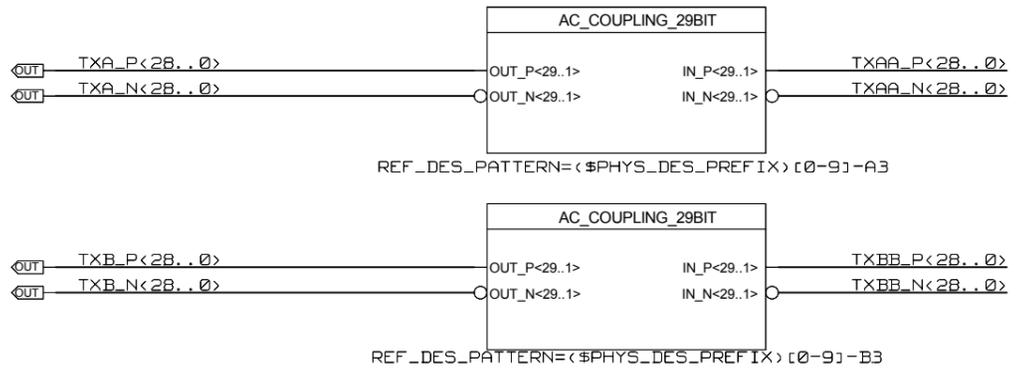
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



CHECKED	NAME	DATE	SIGN	DRAWING TITLE AC COUPLING 29BIT	
CHECKED	E.ROCCO				
CHECKED	U.SCHAEFER				
CHECKED	S.RAVE				
DRAWN	BAUSS				
BLOCK TITLE					
UNIVERSITY OF MAINZ				SIZE C	DRAWING NO.
				SCALE	SHEET OF

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.

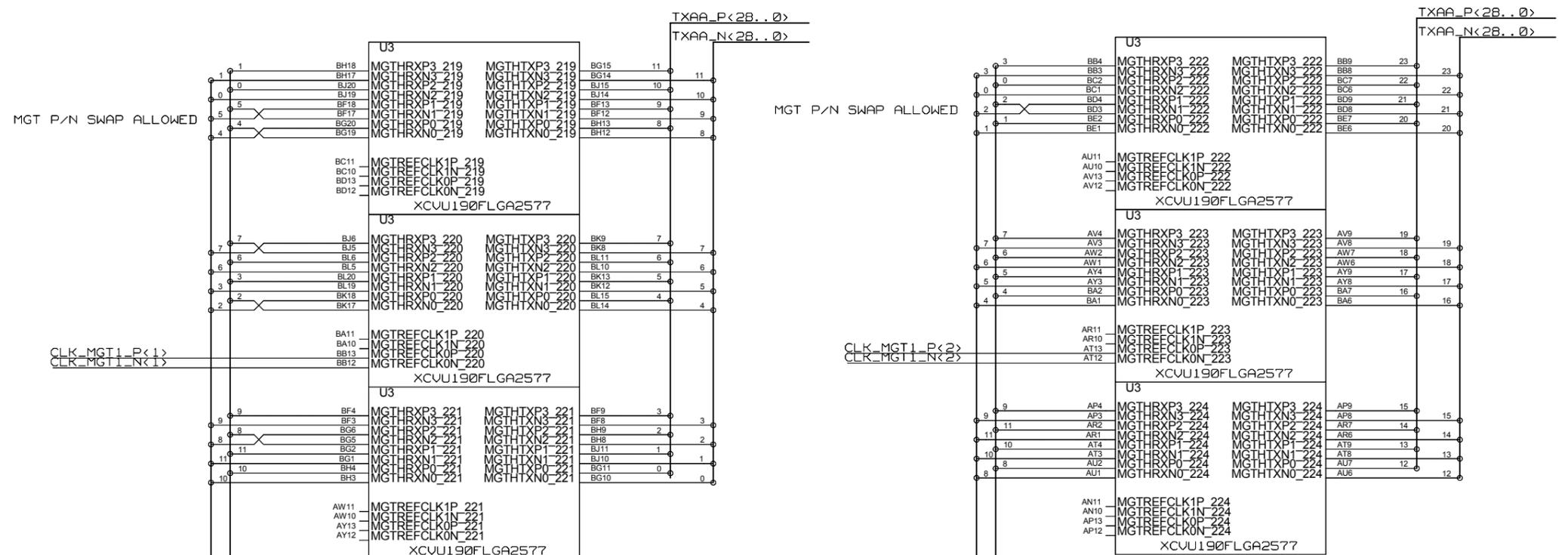
AC COUPLING



IN CLK_MGT1_P<12..1>
 IN CLK_MGT1_N<12..1>
 IN CLK_MGT2_P<6..1>
 IN CLK_MGT2_N<6..1>

	NAME	DATE	SIGN	DRAWING TITLE	
CHECKED	E.ROCCO			I/O + AC COUPLING	
CHECKED	U.SCHAEFER				
CHECKED	S.RAVE				
DRAWN	BAUSS	07.08.2015			
BLOCK TITLE				SIZE	REV.
U3_MGT_REAL_TIME				C	
UNIVERSITY OF MAINZ				DRAWING NO.	
				SCALE	SHEET 1 of 7

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.

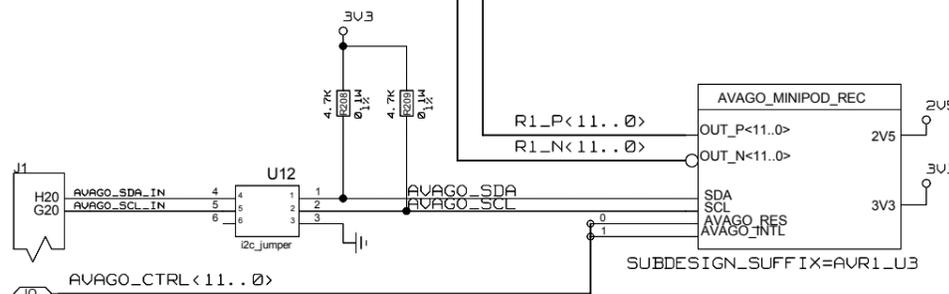


MGT P/N SWAP ALLOWED

MGT P/N SWAP ALLOWED

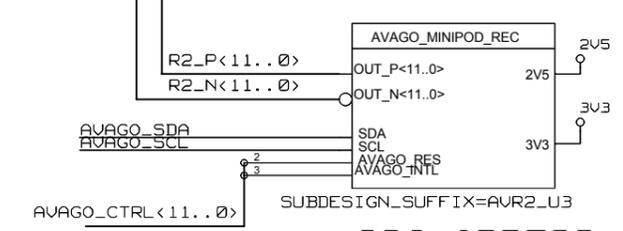
CLK_MGT1_P<1>
CLK_MGT1_N<1>

CLK_MGT1_P<2>
CLK_MGT1_N<2>



AVAGO_CTRL<11..0>
AVAGO_CTRL 0, 2, 4, 6, 8, 10 = AVAGO_RES_XX
AVAGO_CTRL 1, 3, 5, 7, 9, 11 = AVAGO_INTL_XX

I2C ADDRESS:
R3=XXX R4=XXX
R5=XXX R6=XXX
R7=XXX R8=XXX

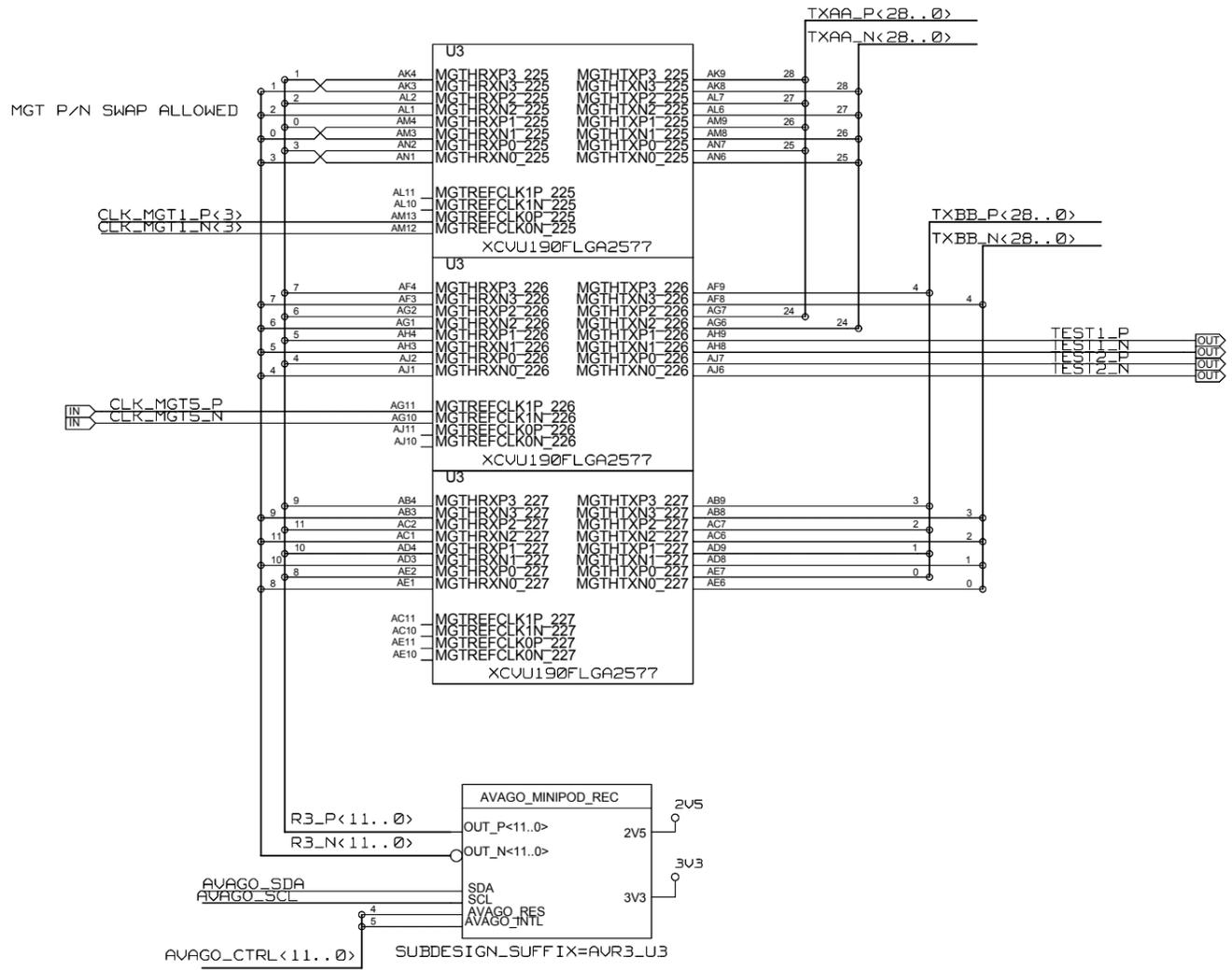


AVAGO_CTRL<11..0>
SUBDESIGN_SUFFIX=AVR2_U3
I2C ADDRESS:
R3=XXX R4=XXX
R5=XXX R6=XXX
R7=XXX R8=XXX

BANK
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NAME	DATE	SIGN	DRAWING TITLE
CHECKED E.ROCCO			AVAGO TXA
CHECKED U.SCHAEFER			
CHECKED S.RAVE			
DRAWN BAUSS	07.08.2015		
BLOCK TITLE			SIZE
U3_MGT_REAL_TIME			REV.
UNIVERSITY OF MAINZ			DRAWING NO.
SCALE			SHEET 2 OF 7

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.

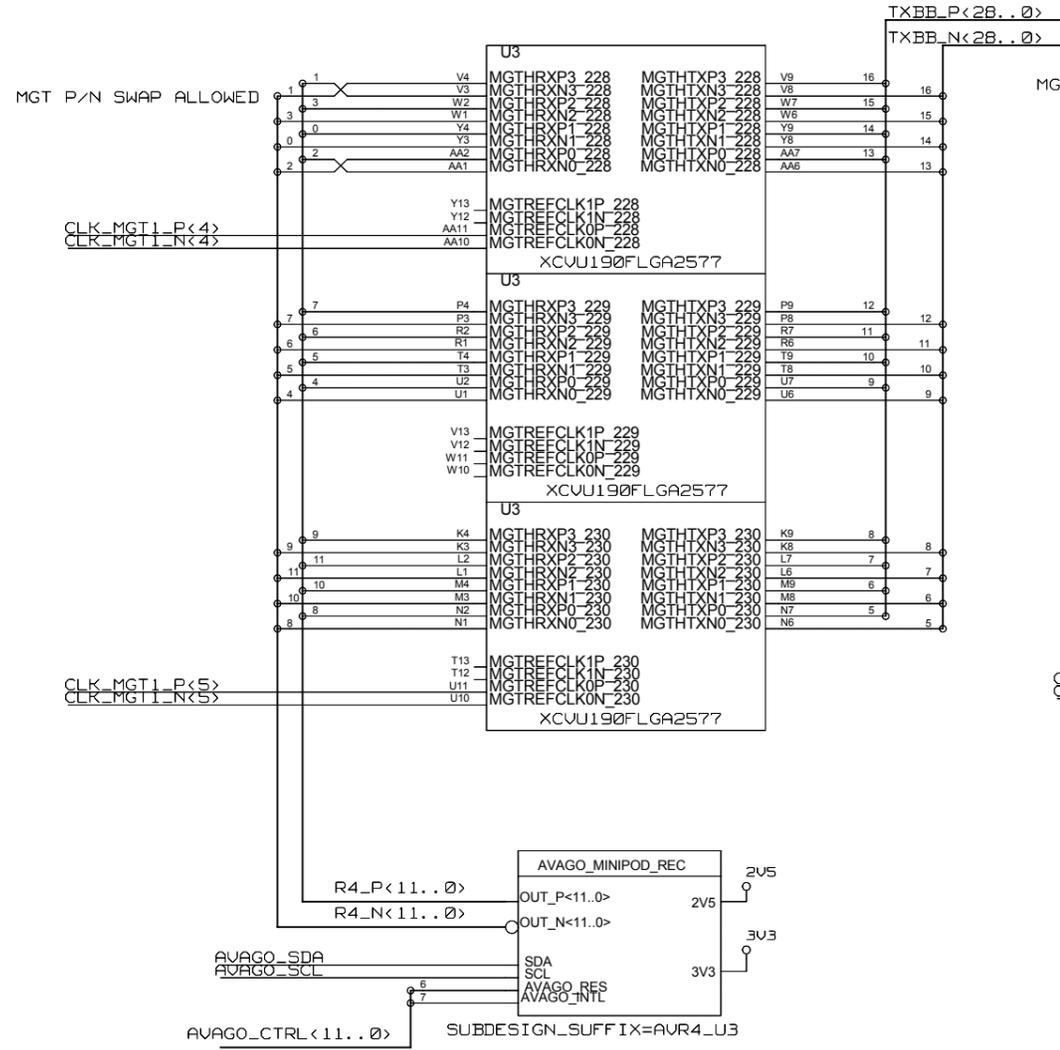


I2C ADDRESS:
R3=XXX R4=XXX
R5=XXX R6=XXX
R7=XXX R8=XXX

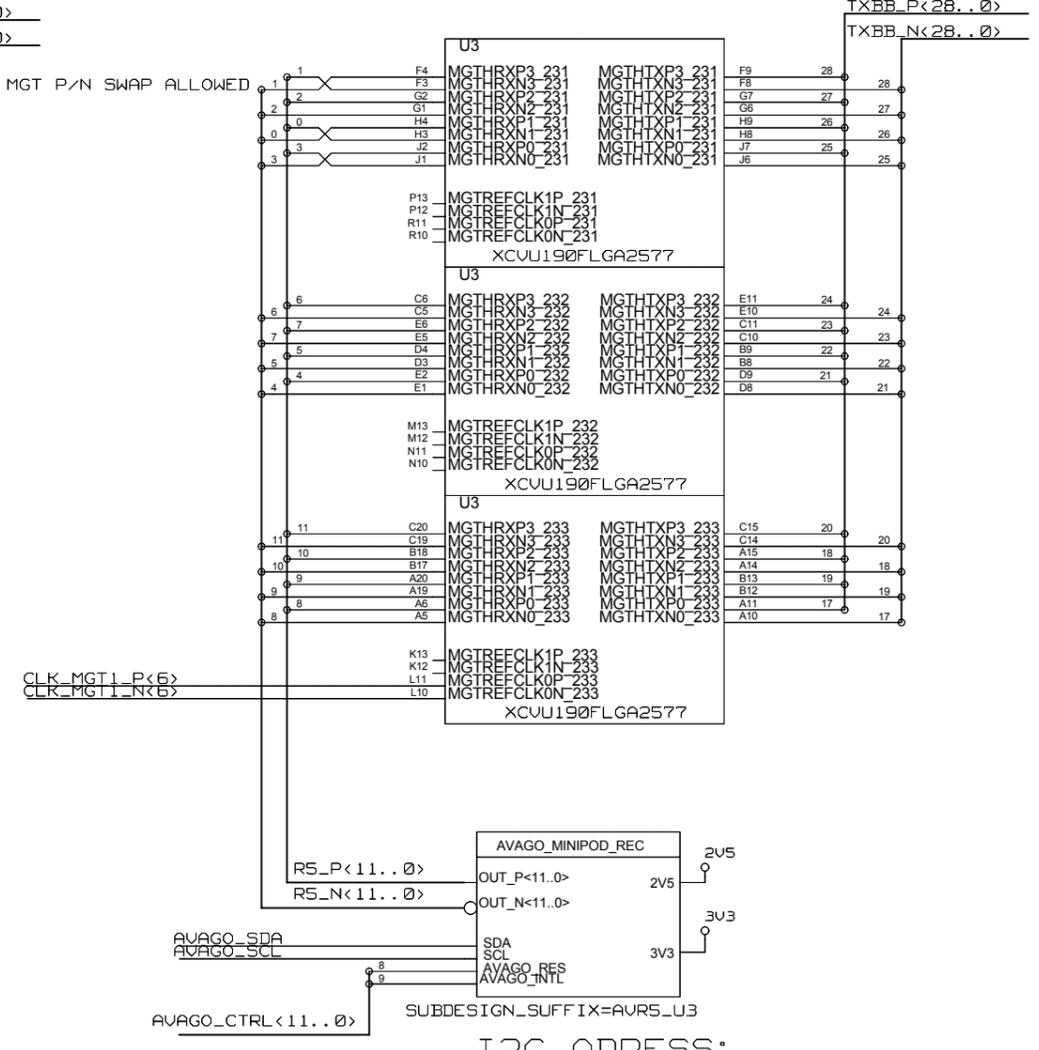
BANK
225
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227

CHECKED	E.ROCCO			DRAWING TITLE AVAGO TXA + TXB
CHECKED	U.SCHAEFER			
CHECKED	S.RAVE			
DRAWN	BAUSS	07.08.2015		
BLOCK TITLE U3_MGT_REAL_TIME				
UNIVERSITY OF MAINZ				
SIZE C	REV.	DRAWING NO.		
SCALE				SHEET 3 of 7

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



I2C ADDRESS:
R3=XXX R4=XXX
R5=XXX R6=XXX
R7=XXX R8=XXX

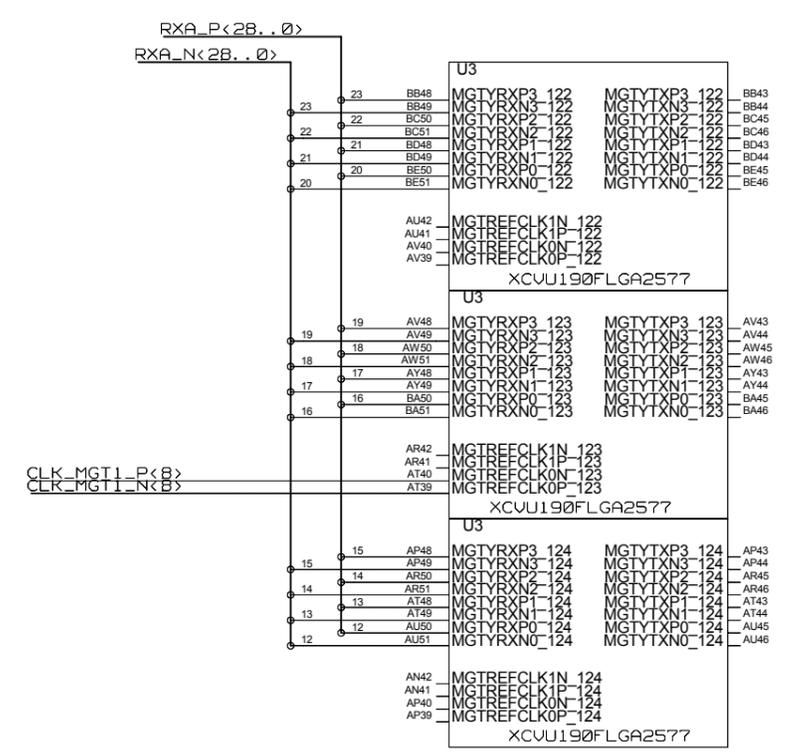
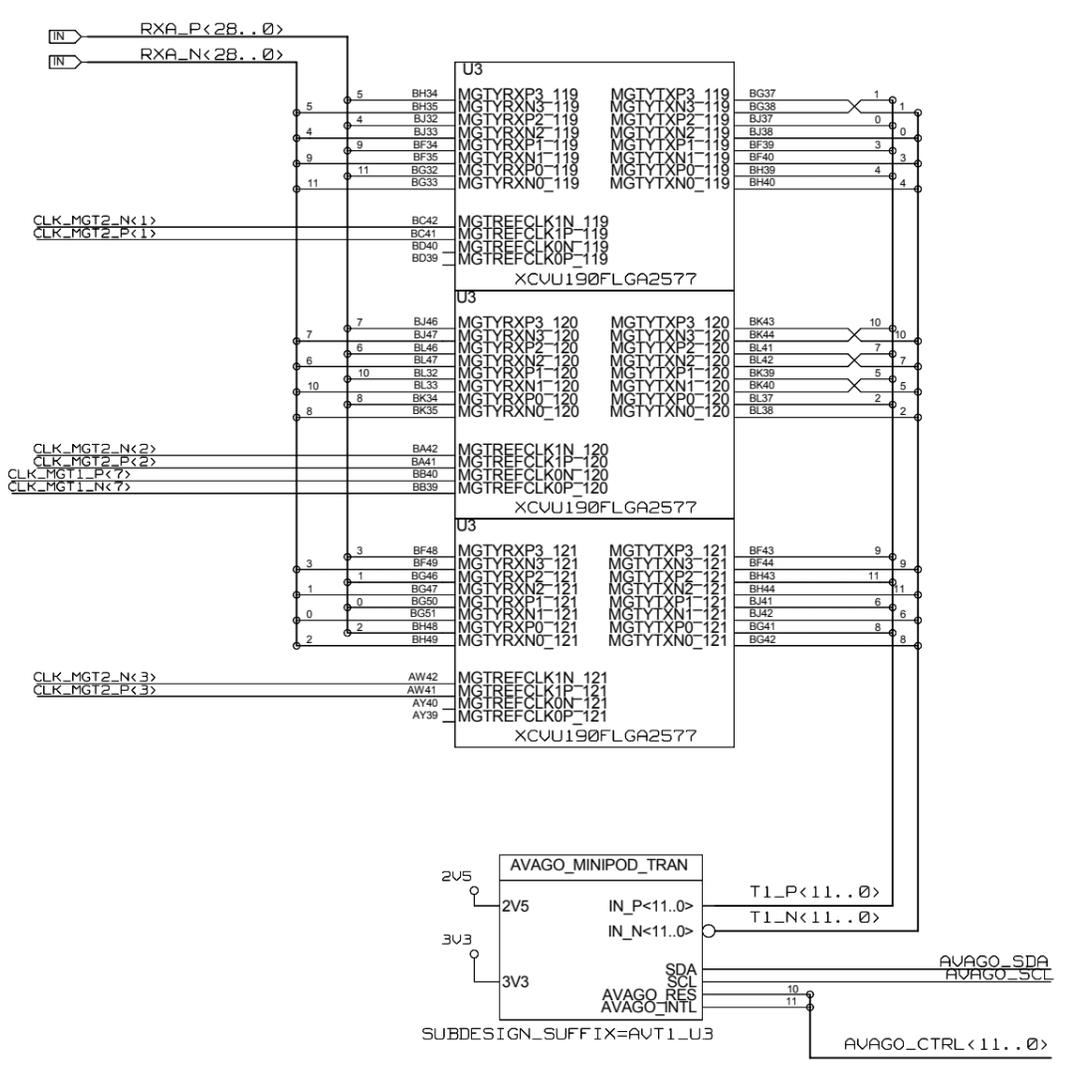


I2C ADDRESS:
R3=XXX R4=XXX
R5=XXX R6=XXX
R7=XXX R8=XXX

BANK
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CHECKED	E.ROCCO			DRAWING TITLE AVAGO TXB
CHECKED	U.SCHAEFER			
CHECKED	S.RAVE			
DRAWN	BAUSS	07.08.2015		
BLOCK TITLE U3_MGT_REAL_TIME				SIZE C
UNIVERSITY OF MAINZ				REV.
				DRAWING NO.
				SHEET 4 of 7

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.

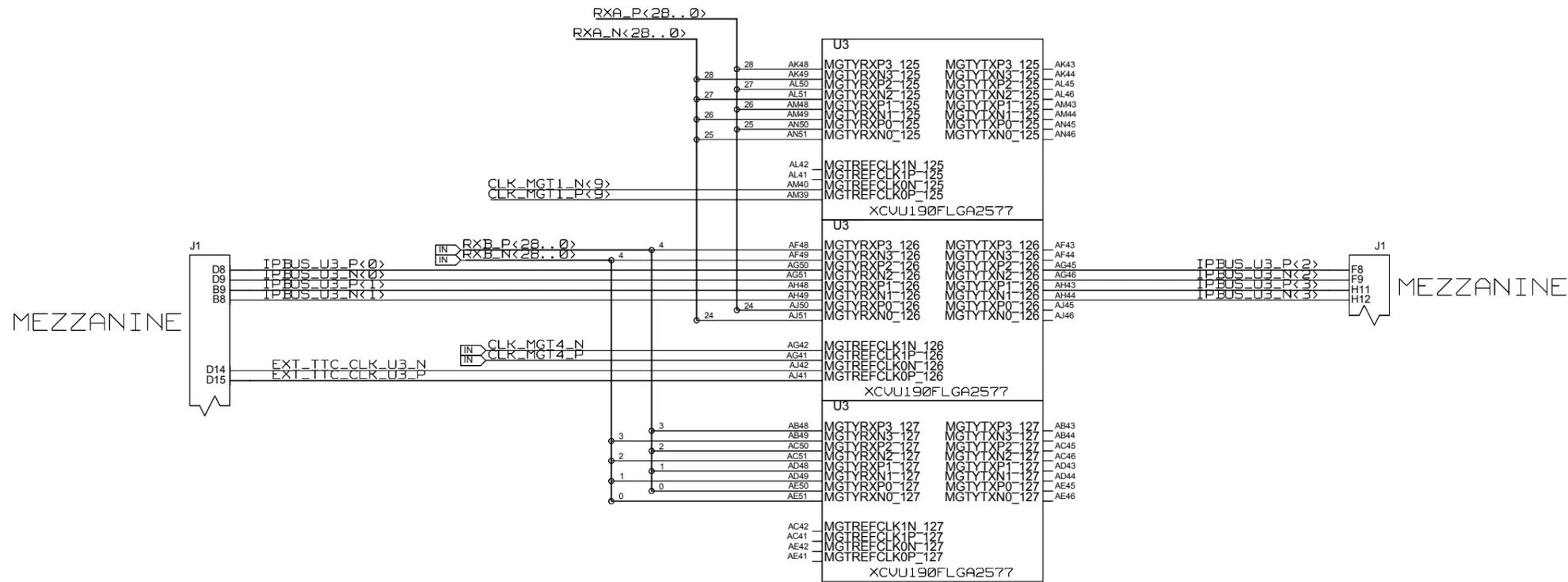


I2C ADDRESS:
R3=XXX R4=XXX
R5=XXX R6=XXX
R7=XXX R8=XXX

BANK
119
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CHECKED	NAME	DATE	SIGN	DRAWING TITLE AVAGO RXA
CHECKED	E.ROCCO			
CHECKED	U.SCHAEFER			
CHECKED	S.RAVE			
DRAWN	BAUSS	07.08.2015		
BLOCK TITLE U3_MGT_REAL_TIME				SIZE C
UNIVERSITY OF MAINZ				REV.
SCALE				DRAWING NO.
SHEET 5 of 7				

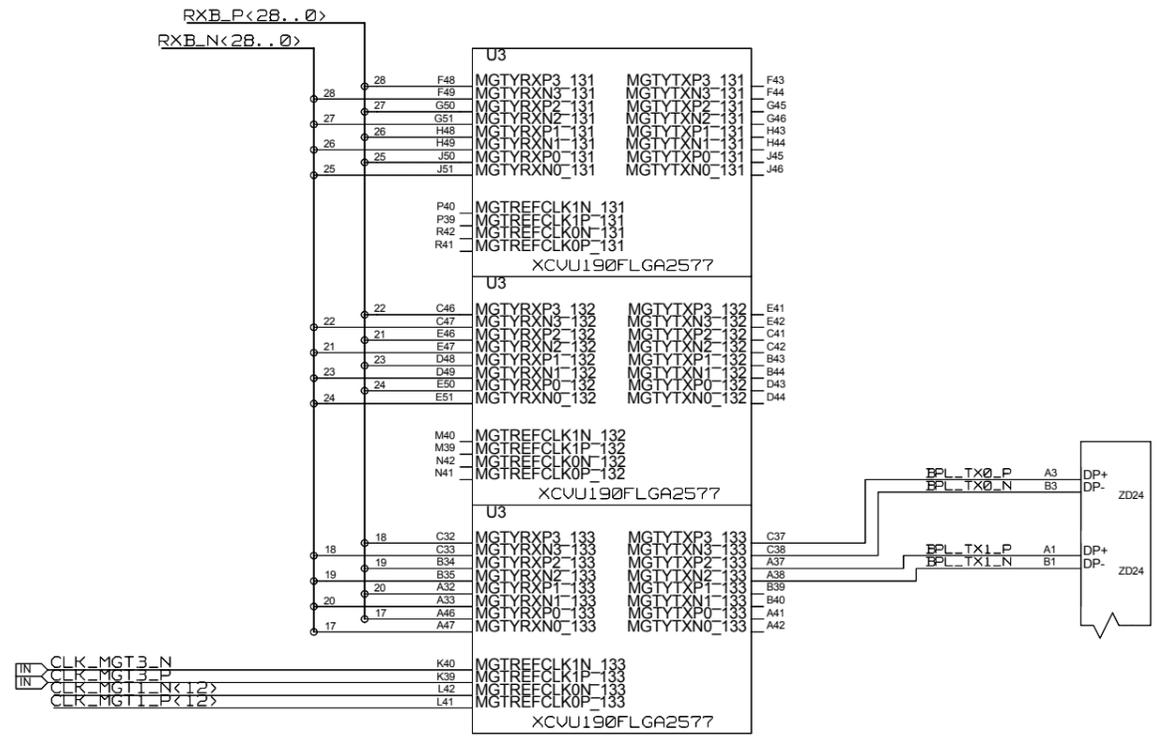
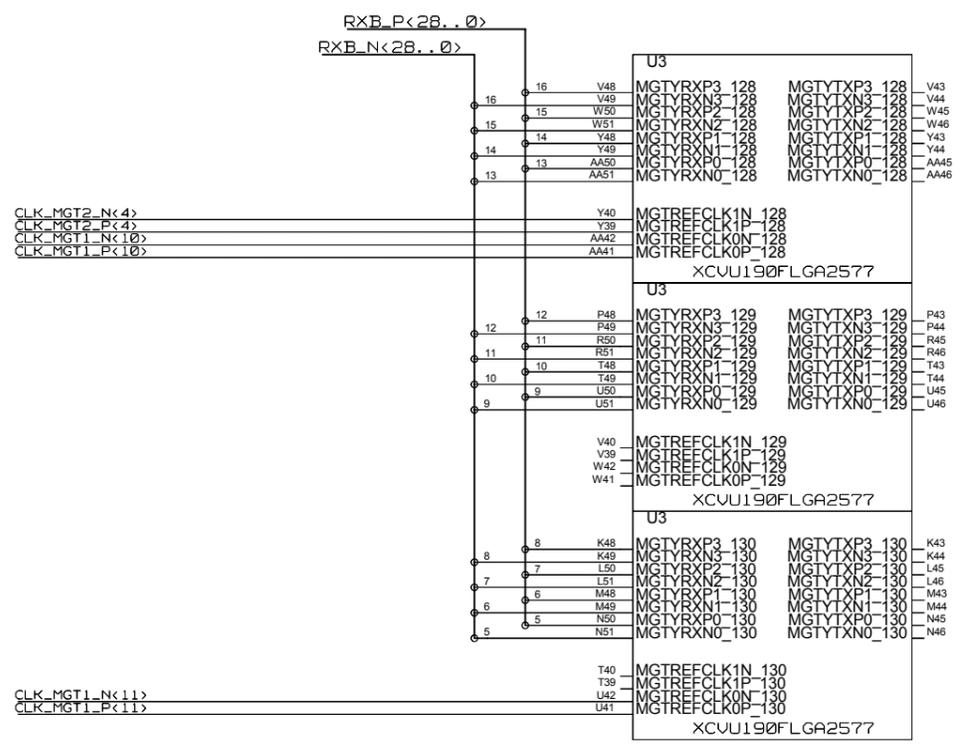
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



BANK
125
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127

CHECKED	E.ROCCO			DRAWING TITLE RXA + RXB TXD + IPBUS	
CHECKED	U.SCHAEFER				
CHECKED	S.RAVE				
DRAWN	BAUSS	07.08.2015			
BLOCK TITLE U3_MGT_REAL_TIME					
UNIVERSITY OF MAINZ				SIZE C	REV.
				SCALE	DRAWING NO.
					SHEET 6 OF 7

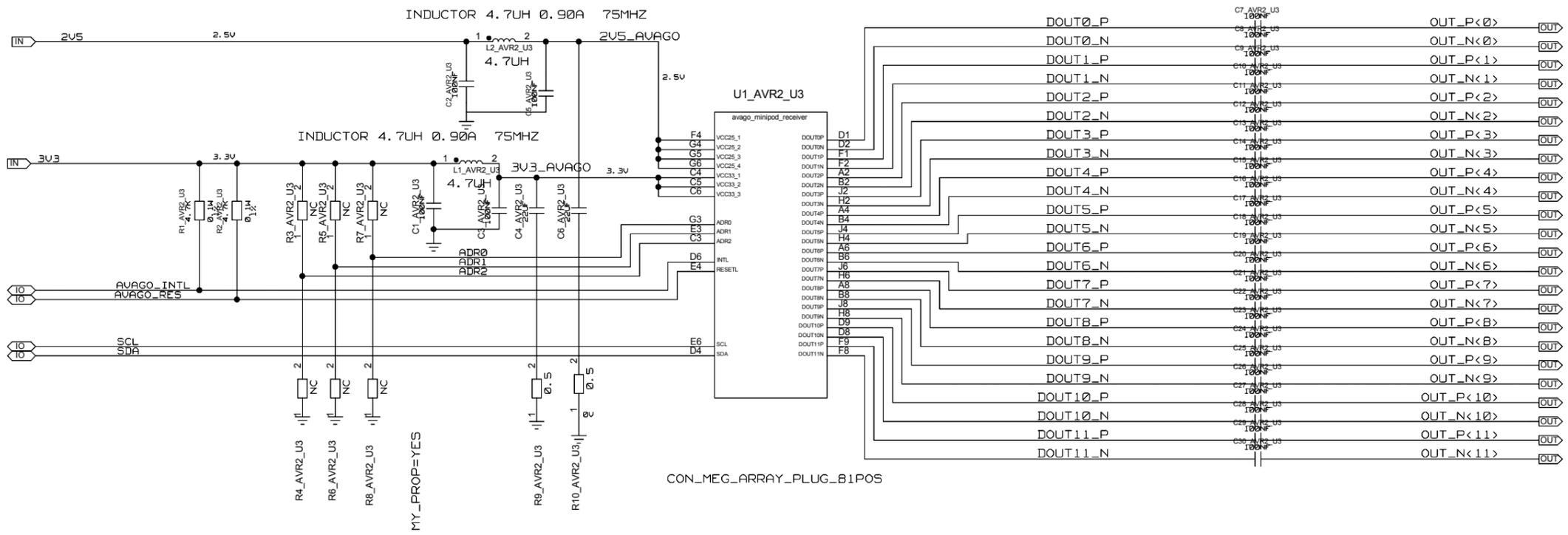
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



BANK
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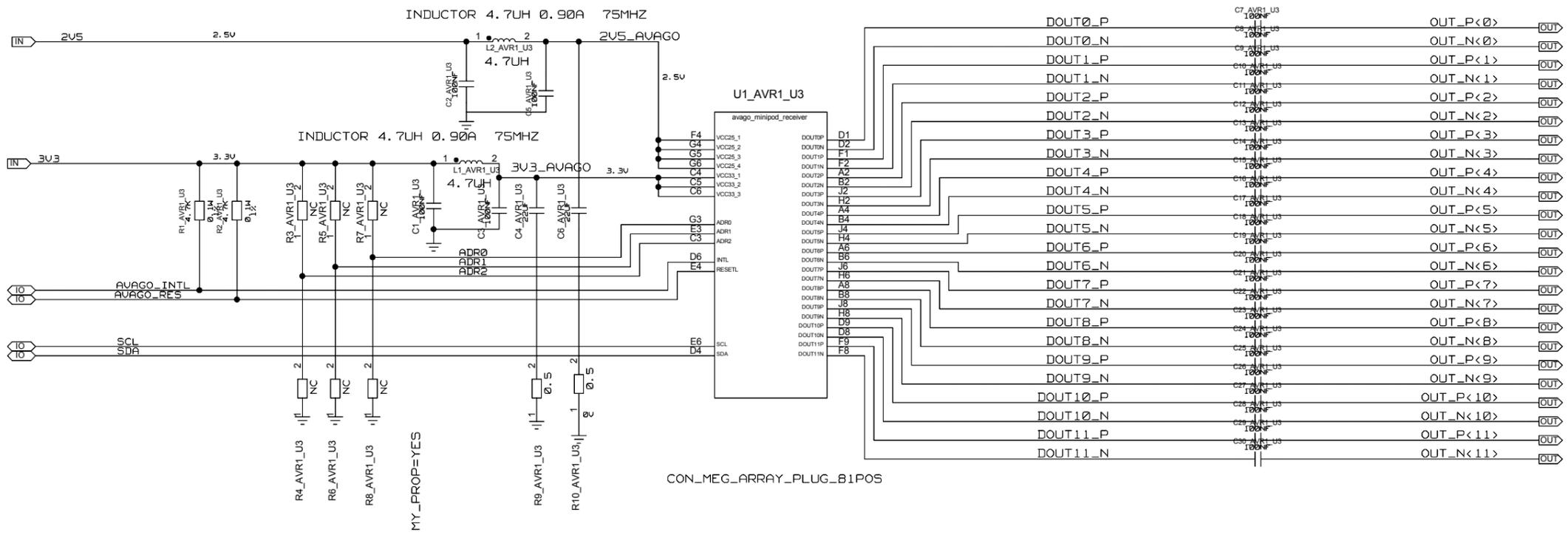
CHECKED	NAME	DATE	SIGN	DRAWING TITLE RXB + TXC
	E.ROCCO			
	U.SCHAEFER			
	S.RAVE			
	BAUSS	07.08.2015		
BLOCK TITLE U3_MGT_REAL_TIME				SIZE C
UNIVERSITY OF MAINZ				REV.
				DRAWING NO.
SCALE				SHEET 7 OF 7

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



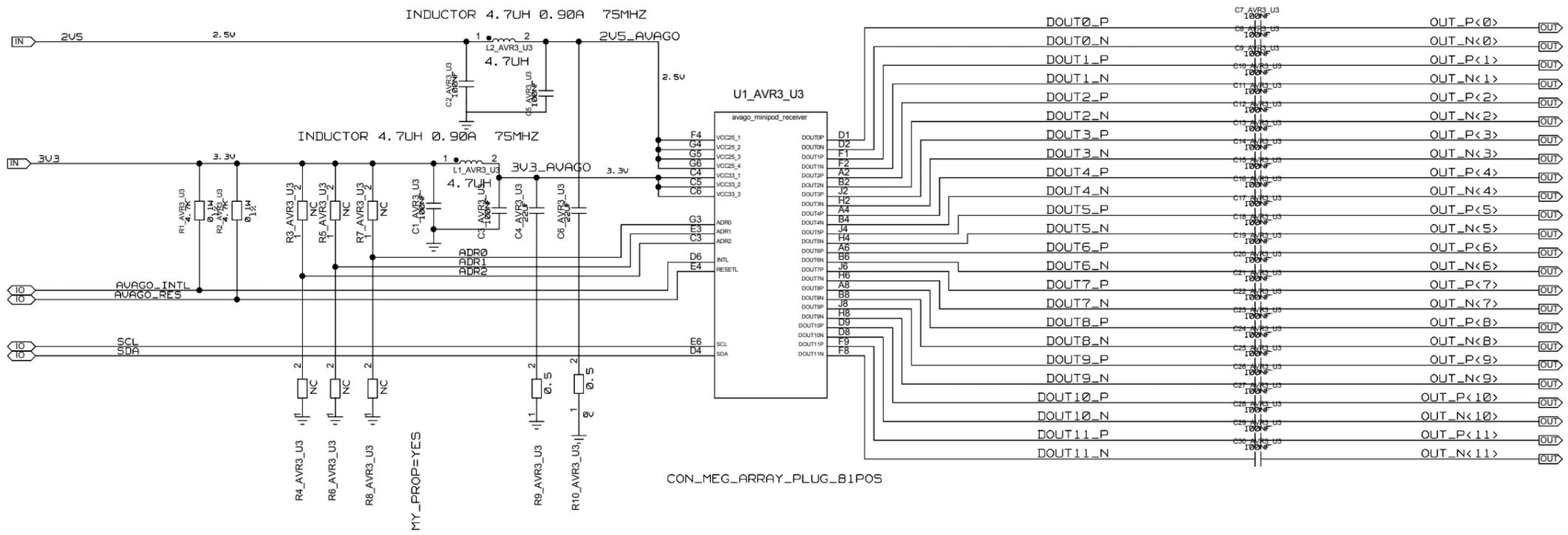
UNIVERSITY OF MAINZ		DRAWING TITLE	
		AVAGO RECEIVER	
SIZE	REV.	DRAWING NO.	
C			
SCALE		SHEET	OF

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



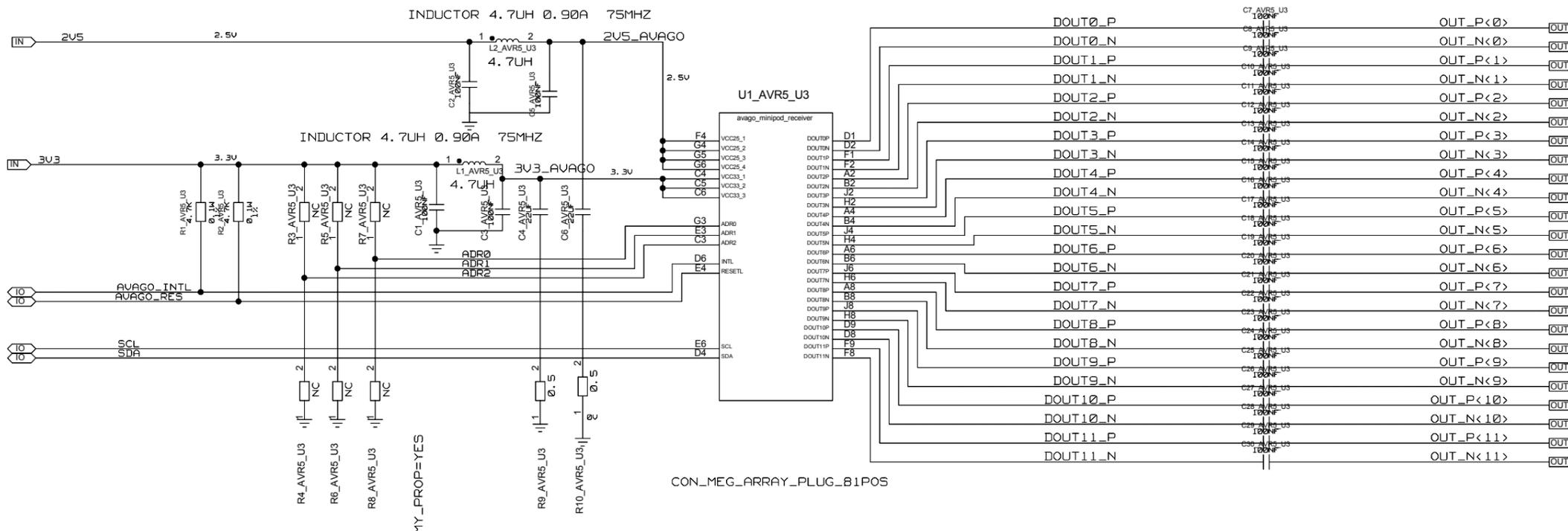
UNIVERSITY OF MAINZ		DRAWING TITLE	
		AVAGO RECEIVER	
SIZE	REV.	DRAWING NO.	
C			
SCALE			SHEET OF

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



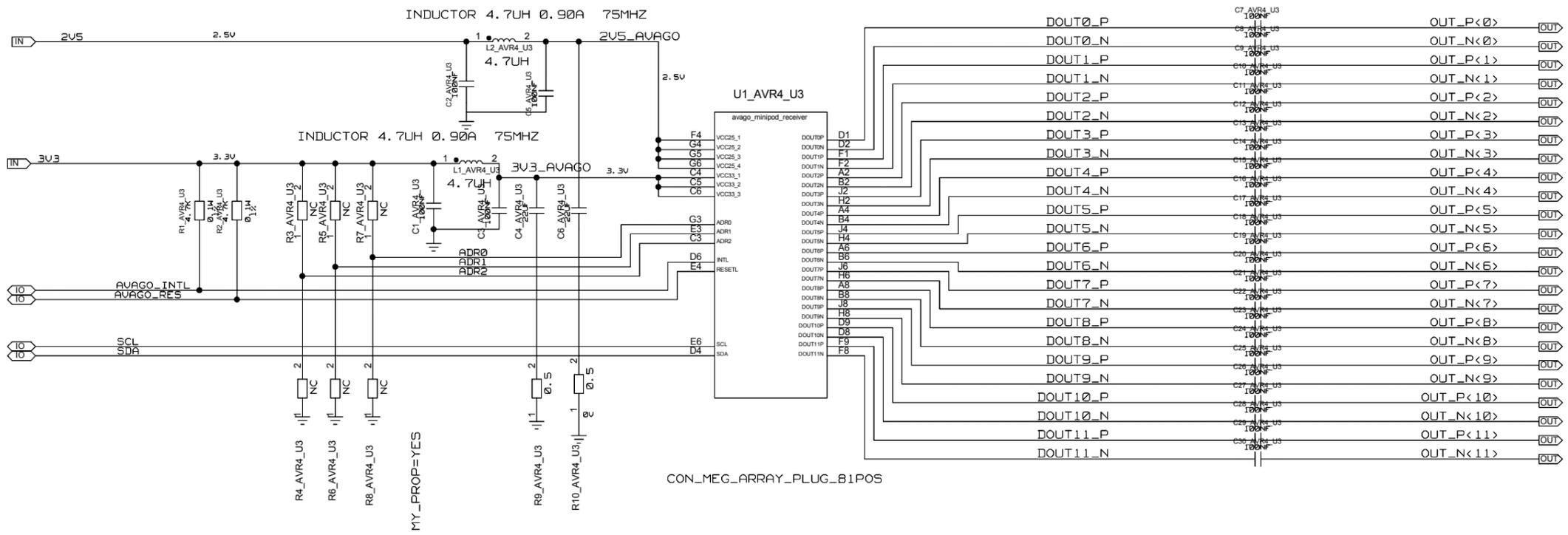
UNIVERSITY OF MAINZ		DRAWING TITLE AVAGO RECEIVER	
SIZE C	REV.	DRAWING NO.	
SCALE		SHEET	OF

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



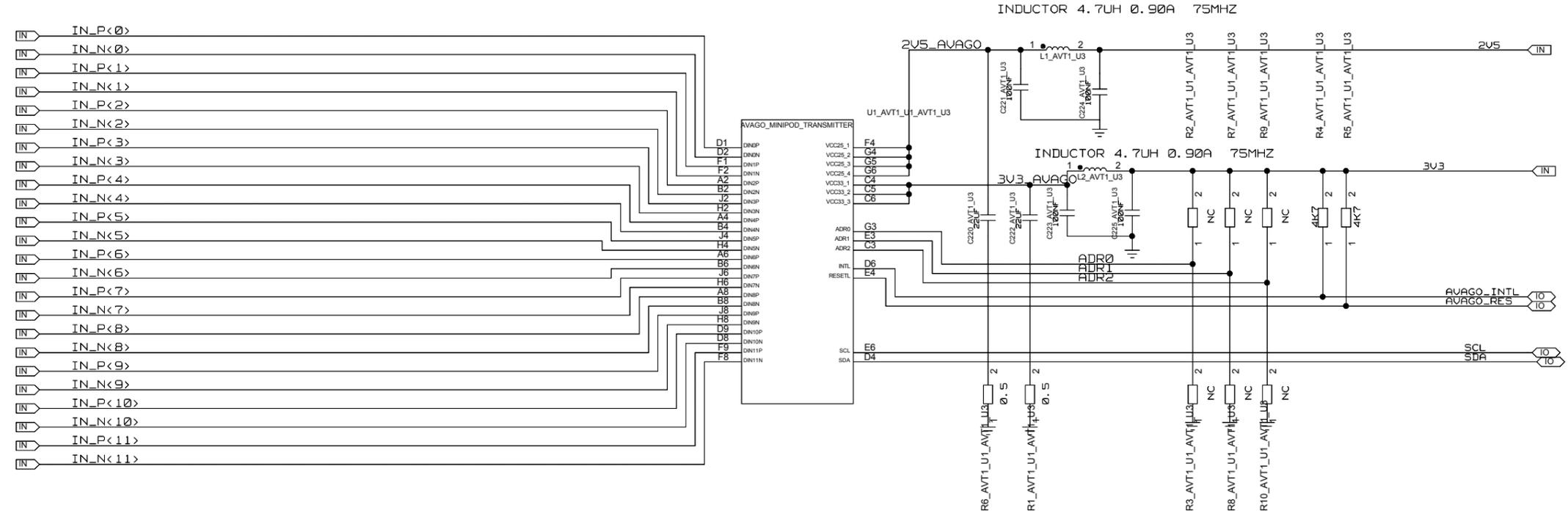
UNIVERSITY OF MAINZ		DRAWING TITLE	
		AVAGO RECEIVER	
SIZE	REV.	DRAWING NO.	
C			
SCALE			SHEET OF

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



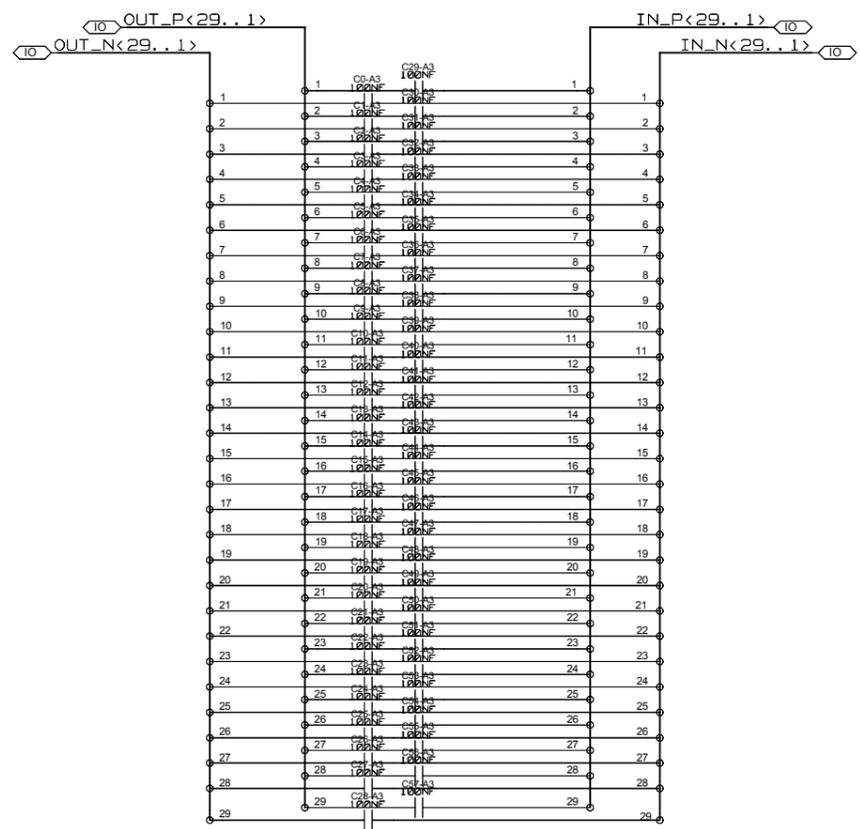
UNIVERSITY OF MAINZ		DRAWING TITLE	
		AVAGO RECEIVER	
SIZE	REV.	DRAWING NO.	
C			
SCALE		SHEET	OF

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



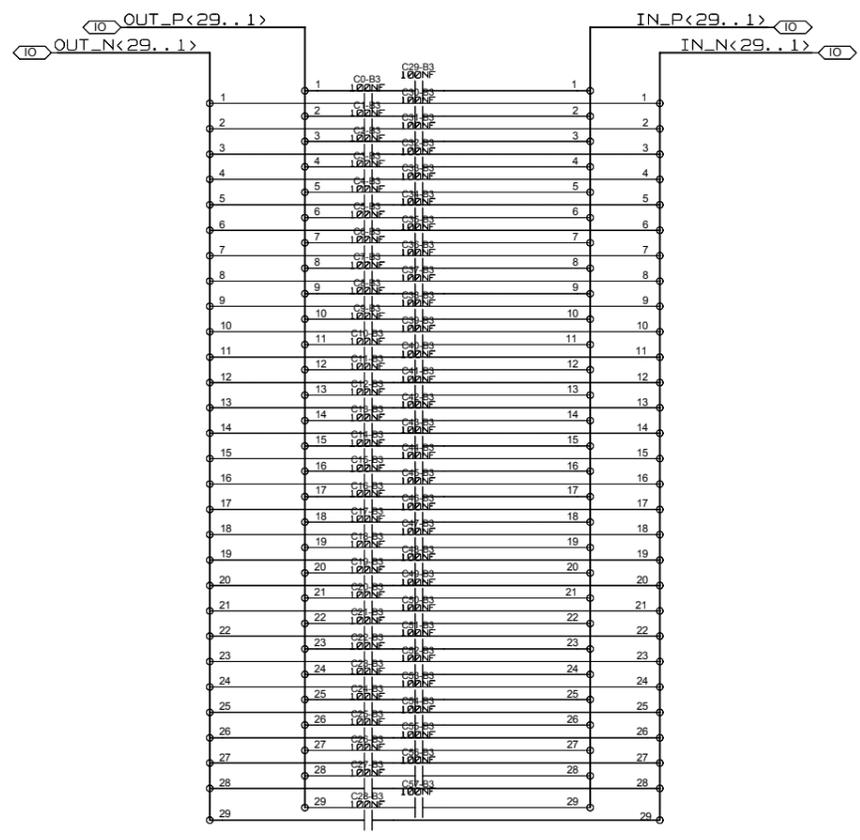
UNIVERSITY OF MAINZ		DRAWING TITLE	
		AVAGO TRANSMITTER	
SIZE	REV.	DRAWING NO.	
C			
SCALE			SHEET OF

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



CHECKED	NAME	DATE	SIGN	DRAWING TITLE AC COUPLING 29BIT		
CHECKED	E.ROCCO					
CHECKED	U.SCHAEFER					
CHECKED	S.RAVE					
DRAWN	BAUSS					
BLOCK TITLE				SIZE C	REV.	DRAWING NO.
UNIVERSITY OF MAINZ				SCALE		SHEET OF

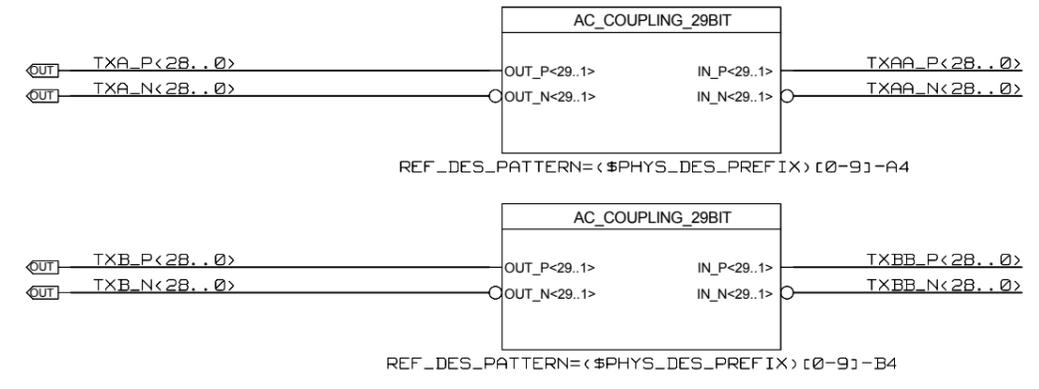
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



CHECKED	NAME	DATE	SIGN	DRAWING TITLE AC COUPLING 29BIT
CHECKED	E.ROCCO			
CHECKED	U.SCHAEFER			
CHECKED	S.RAVE			
DRAWN	BAUSS			
BLOCK TITLE				SIZE C
UNIVERSITY OF MAINZ				REV.
				DRAWING NO.
SCALE			SHEET	OF

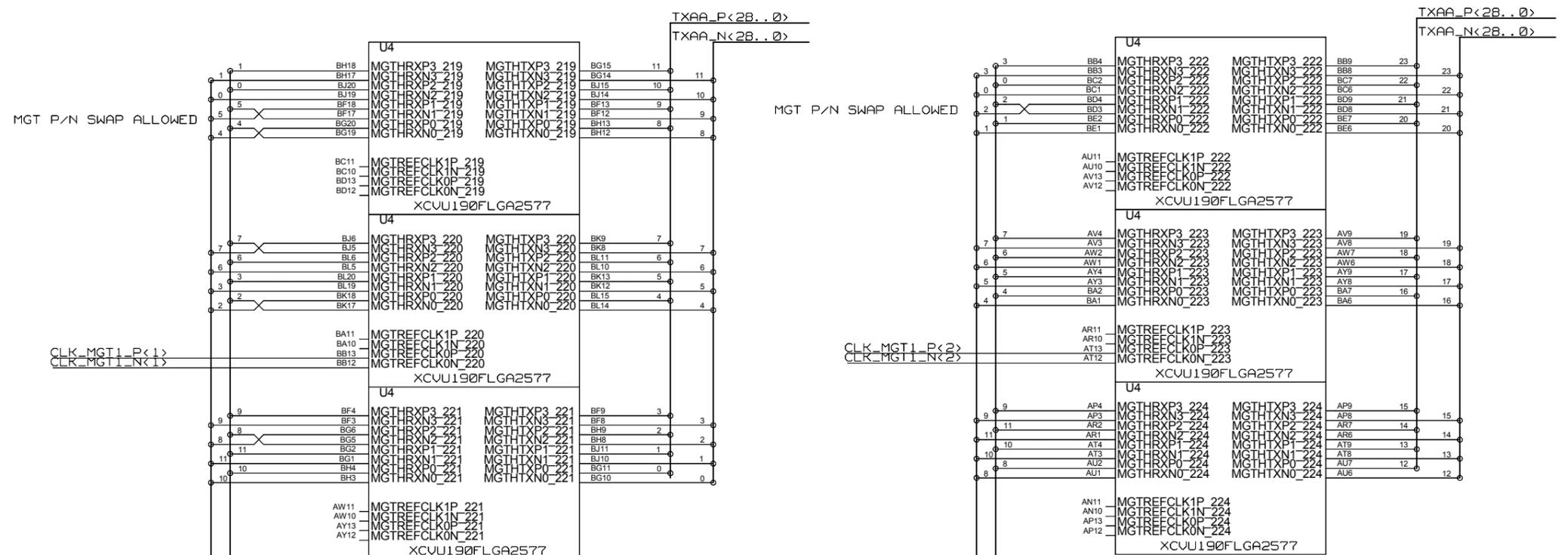
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.

AC COUPLING



	NAME	DATE	SIGN	DRAWING TITLE	
CHECKED	E.ROCCO			I/O + AC COUPLING	
CHECKED	U.SCHAEFER				
CHECKED	S.RAVE				
DRAWN	BAUSS	07.08.2015			
BLOCK TITLE				SIZE	REV.
U4_MGT_REAL_TIME				C	
UNIVERSITY OF MAINZ				DRAWING NO.	
				SCALE	
				SHEET 1 of 7	

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.

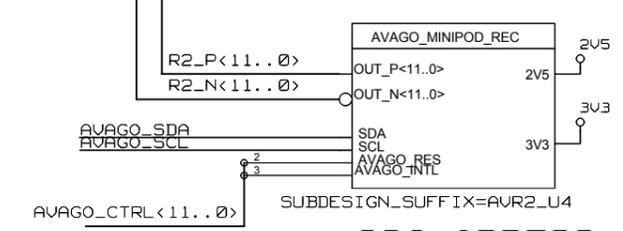
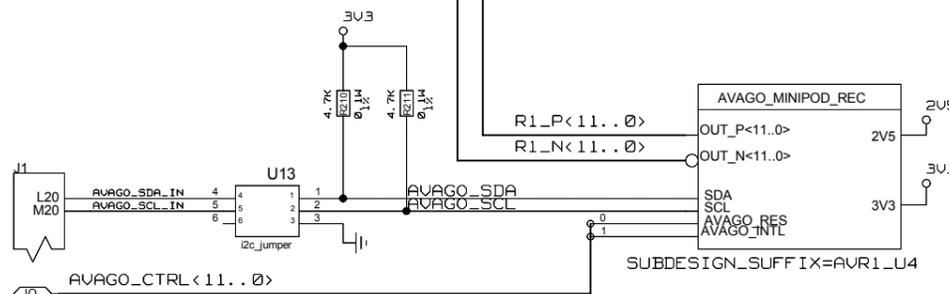


MGT P/N SWAP ALLOWED

MGT P/N SWAP ALLOWED

CLK_MGT1_P<1>
CLK_MGT1_N<1>

CLK_MGT1_P<2>
CLK_MGT1_N<2>



AVAGO_CTRL<11..0>
AVAGO_CTRL 0, 2, 4, 6, 8, 10 = AVAGO_RES_XX
AVAGO_CTRL 1, 3, 5, 7, 9, 11 = AVAGO_INTL_XX

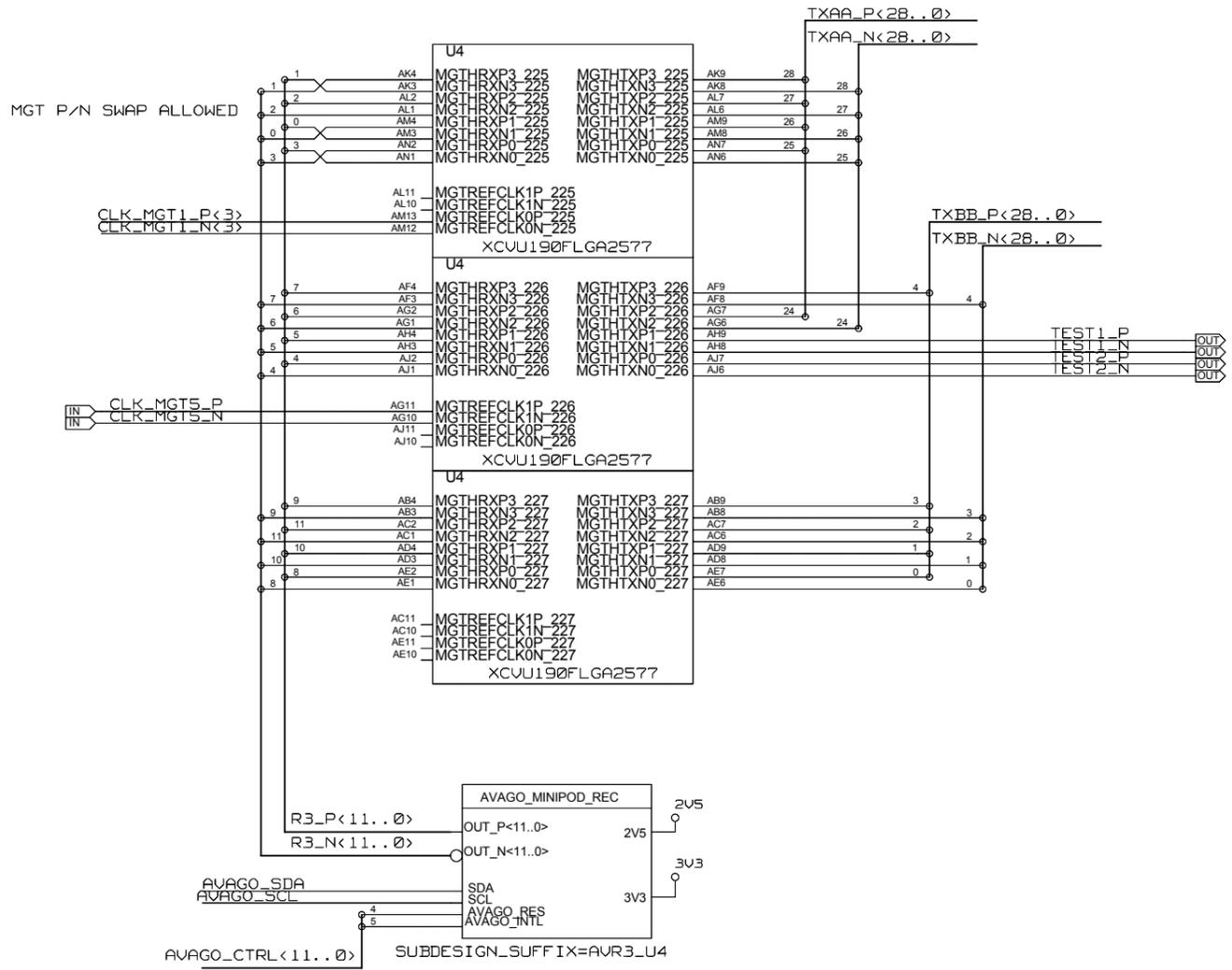
I2C ADDRESS:
R3=XXX R4=XXX
R5=XXX R6=XXX
R7=XXX R8=XXX

I2C ADDRESS:
R3=XXX R4=XXX
R5=XXX R6=XXX
R7=XXX R8=XXX

BANK
219
220
221
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224

NAME	DATE	SIGN	DRAWING TITLE
CHECKED E.ROCCO			AVAGO TXA
CHECKED U.SCHAEFER			
CHECKED S.RAVE			
DRAWN BAUSS	07.08.2015		
BLOCK TITLE			SIZE
U4_MGT_REAL_TIME			REV.
UNIVERSITY OF MAINZ			DRAWING NO.
SCALE			SHEET 2 OF 7

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.

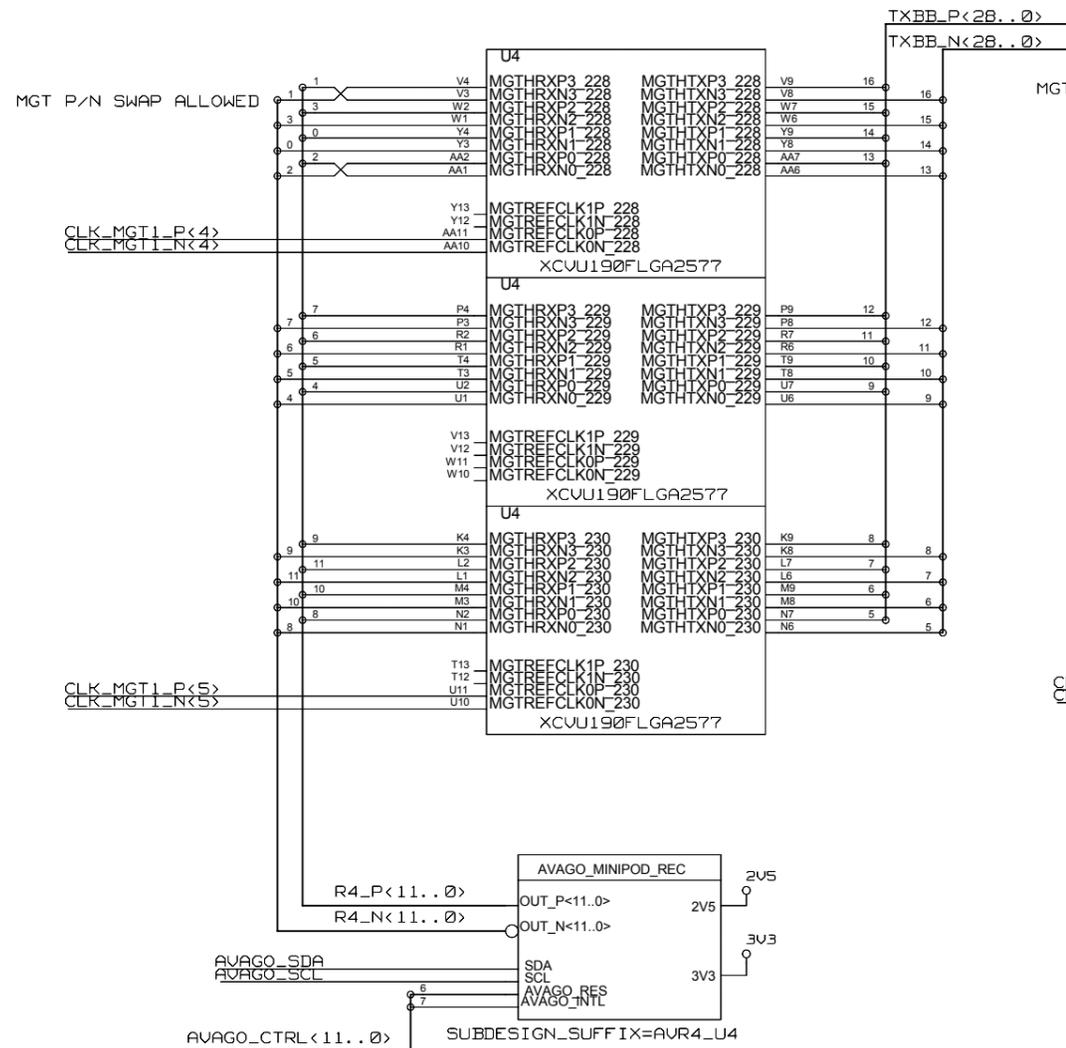


I2C ADDRESS:
R3=XXX R4=XXX
R5=XXX R6=XXX
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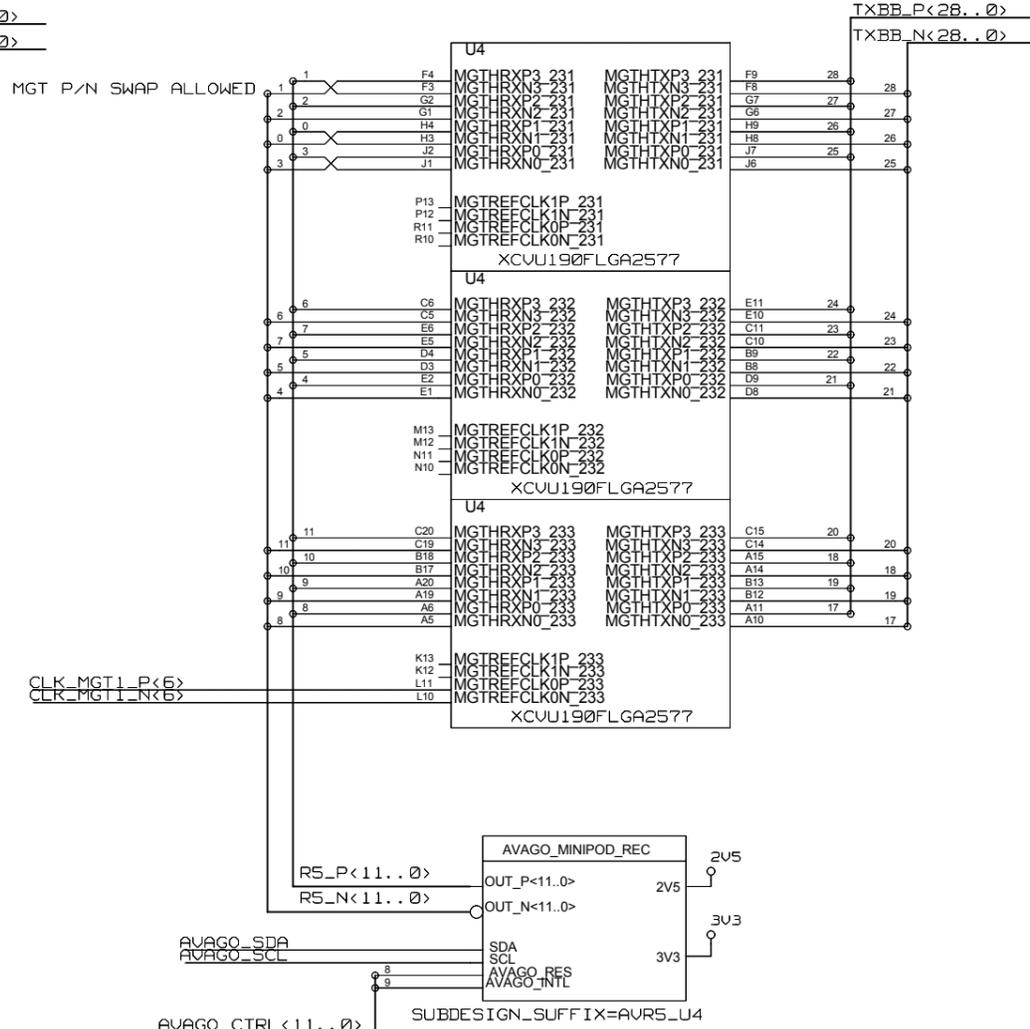
BANK
225
226
227

CHECKED	E.ROCCO			DRAWING TITLE AVAGO TXA + TXB
CHECKED	U.SCHAEFER			
CHECKED	S.RAVE			
DRAWN	BAUSS	07.08.2015		
BLOCK TITLE U4_MGT_REAL_TIME				SIZE C
UNIVERSITY OF MAINZ				REV.
				DRAWING NO.
SCALE				SHEET 3 of 7

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



I2C ADDRESS:
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R5=XXX R6=XXX
R7=XXX R8=XXX

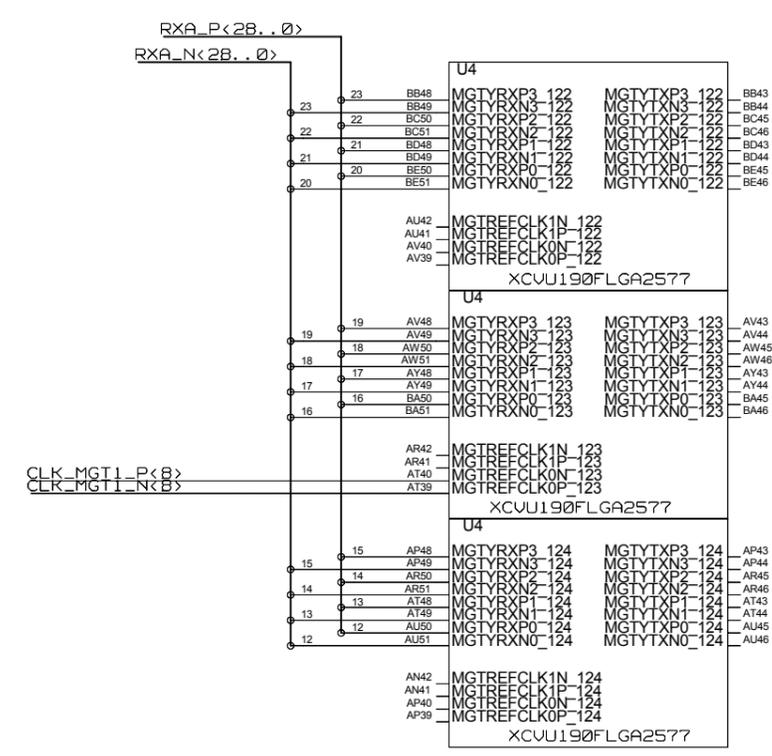
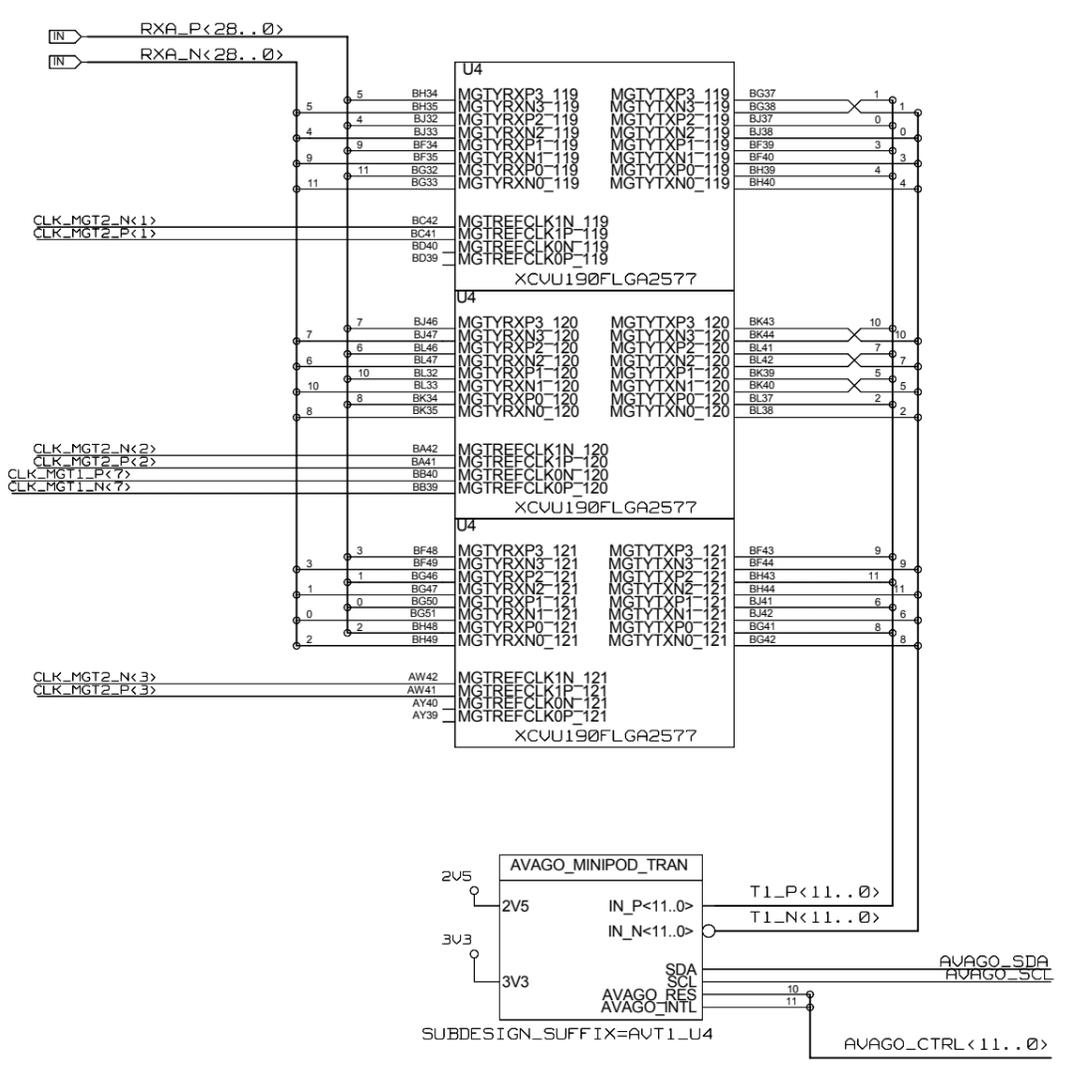


I2C ADDRESS:
R3=XXX R4=XXX
R5=XXX R6=XXX
R7=XXX R8=XXX

BANK
2280
2281
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2283
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CHECKED	E.ROCCO			DRAWING TITLE AVAGO TXB
CHECKED	U.SCHAEFER			
CHECKED	S.RAVE			
DRAWN	BAUSS	07.08.2015		
BLOCK TITLE U4_MGT_REAL_TIME				
UNIVERSITY OF MAINZ				
SIZE	REV.	DRAWING NO.		SHEET 4 of 7
C				
SCALE				

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.

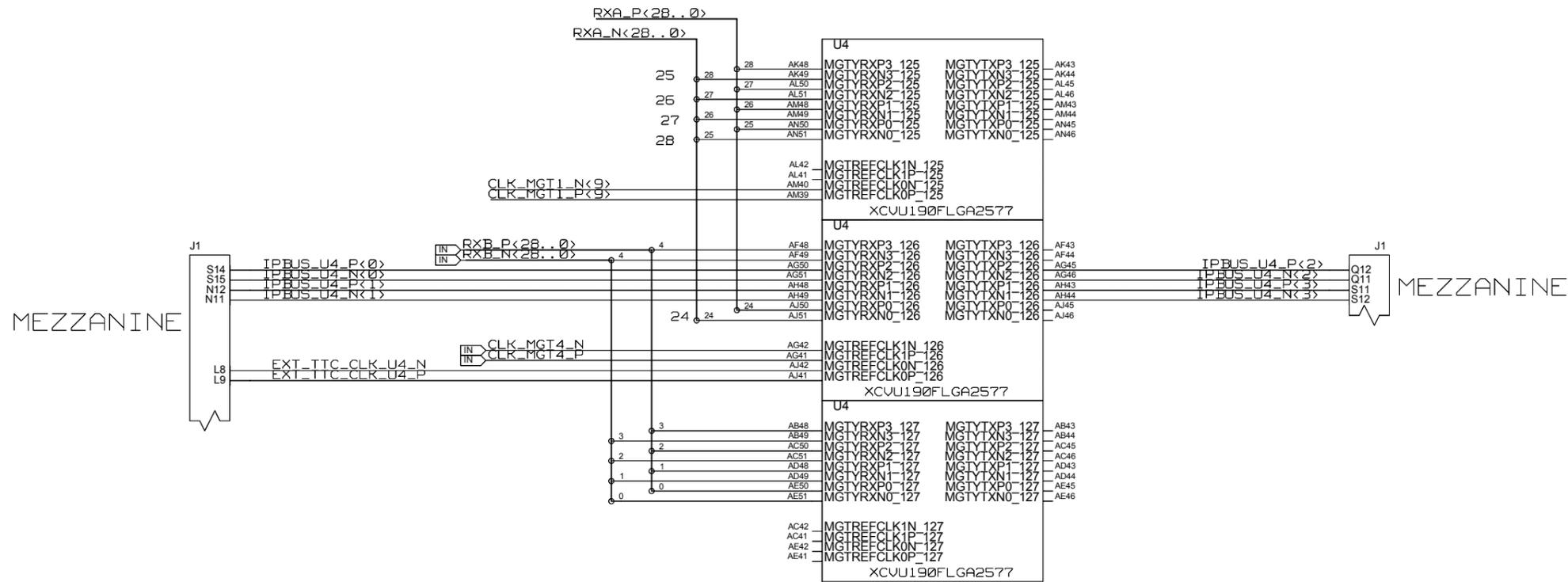


I2C ADDRESS:
 R3=XXX R4=XXX
 R5=XXX R6=XXX
 R7=XXX R8=XXX

BANK
119
120
121
122
123
124

CHECKED	E.ROCCO	DATE	SIGN	DRAWING TITLE AVAGO RXA
CHECKED	U.SCHAEFER			
CHECKED	S.RAVE			
DRAWN	BAUSS	07.08.2015		
BLOCK TITLE U4_MGT_REAL_TIME				
UNIVERSITY OF MAINZ		SIZE C	REV.	DRAWING NO.
SCALE				SHEET 5 of 7

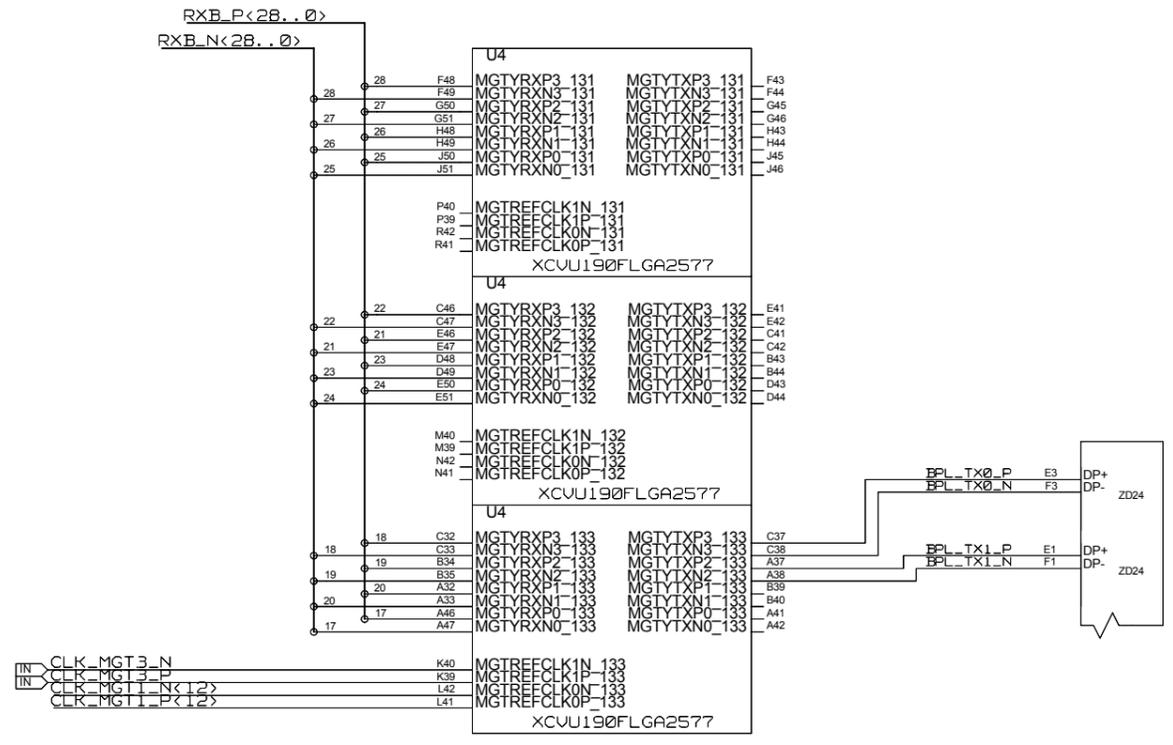
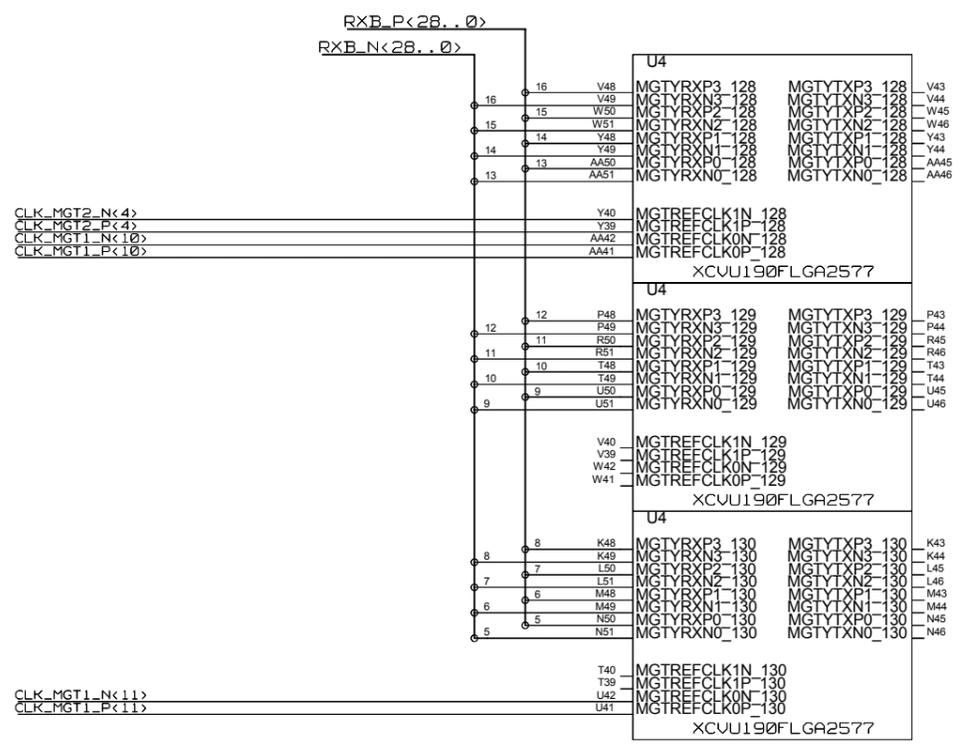
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



BANK
125
126
127

CHECKED	E.ROCCO			DRAWING TITLE RXA + RXB TXD + IPBUS
CHECKED	U.SCHAEFER			
CHECKED	S.RAVE			
DRAWN	BAUSS	07.08.2015		
BLOCK TITLE U4_MGT_REAL_TIME				SIZE C
UNIVERSITY OF MAINZ				REV.
SCALE				DRAWING NO.
				SHEET 6 OF 7

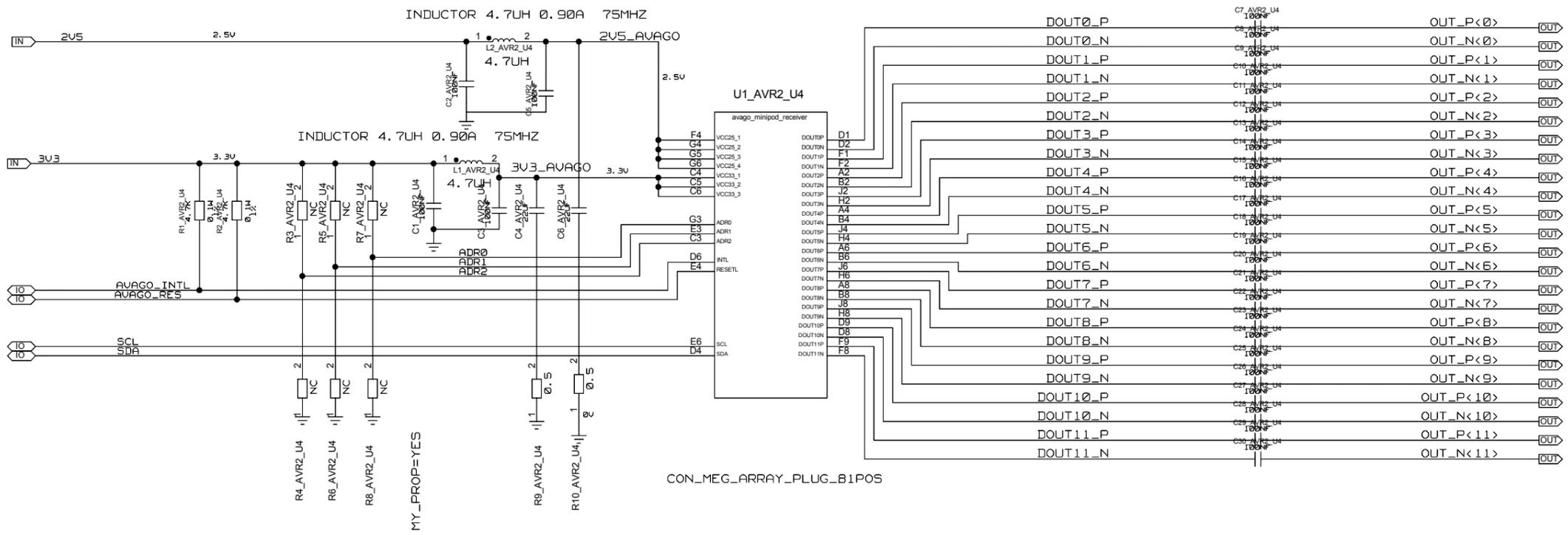
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



BANK
128
129
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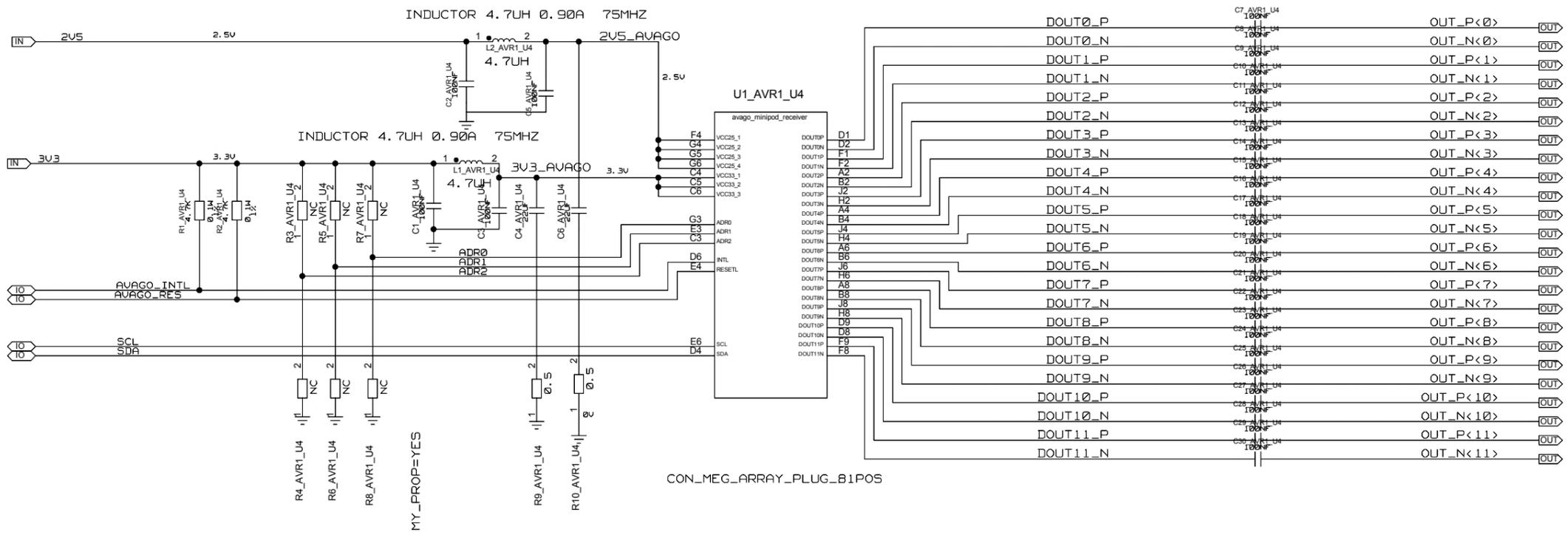
CHECKED	NAME	DATE	SIGN	DRAWING TITLE RXB + TXC
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	U.SCHAEFER			
	S.RAVE			
	BAUSS	07.08.2015		
BLOCK TITLE U4_MGT_REAL_TIME				SIZE C
UNIVERSITY OF MAINZ				REV.
				DRAWING NO.
				SHEET 7 OF 7

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



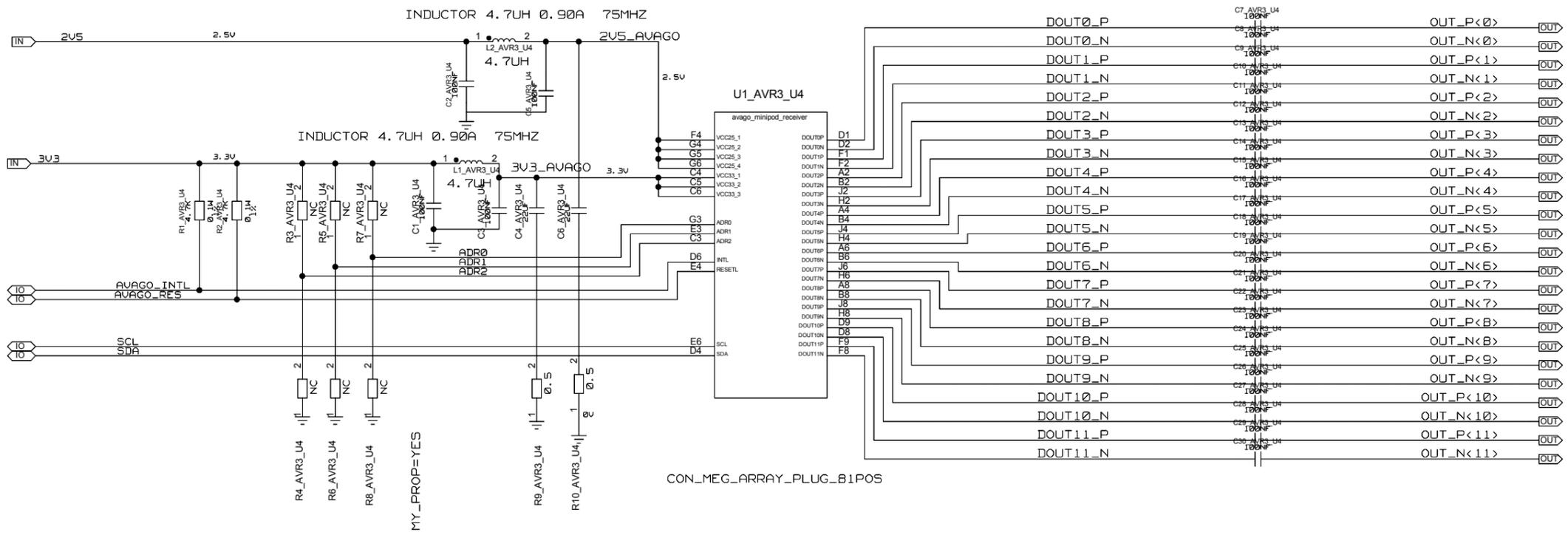
UNIVERSITY OF MAINZ		DRAWING TITLE	
		AVAGO RECEIVER	
SIZE	REV.	DRAWING NO.	
C			
SCALE			SHEET OF

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



UNIVERSITY OF MAINZ		DRAWING TITLE	
		AVAGO RECEIVER	
SIZE	REV.	DRAWING NO.	
C			
SCALE		SHEET	OF

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.

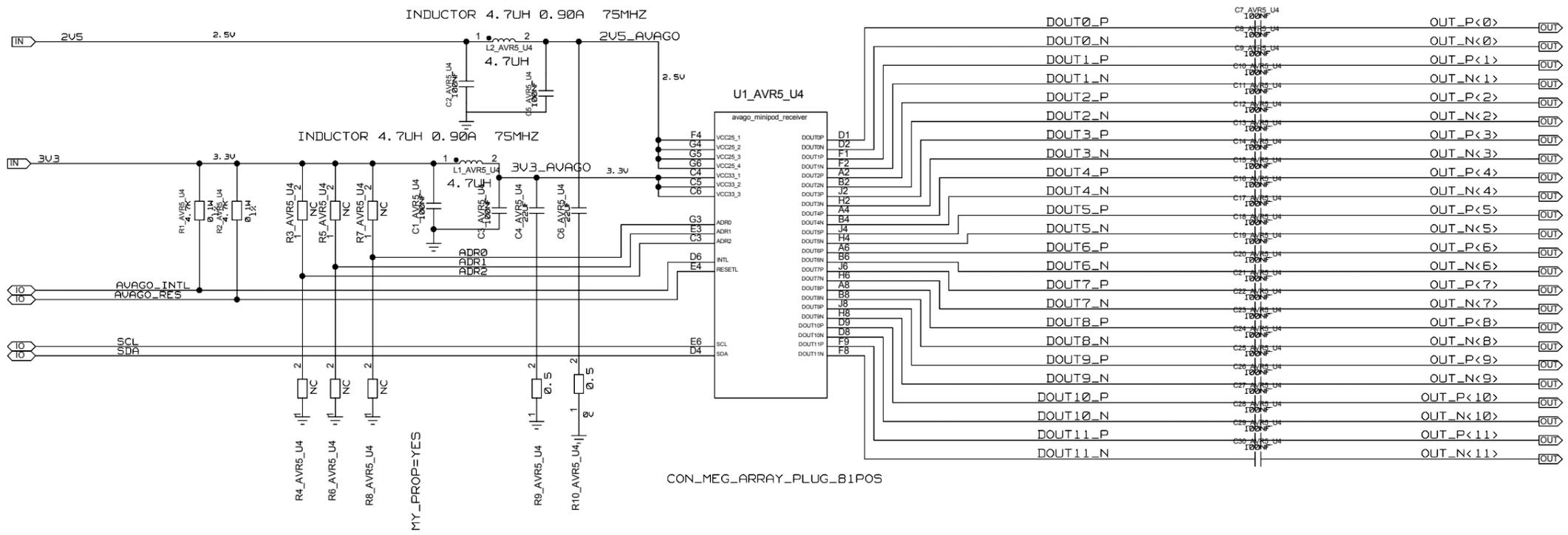


CON_MEG_ARRAY_PLUG_B1POS

MY_PROP=YES

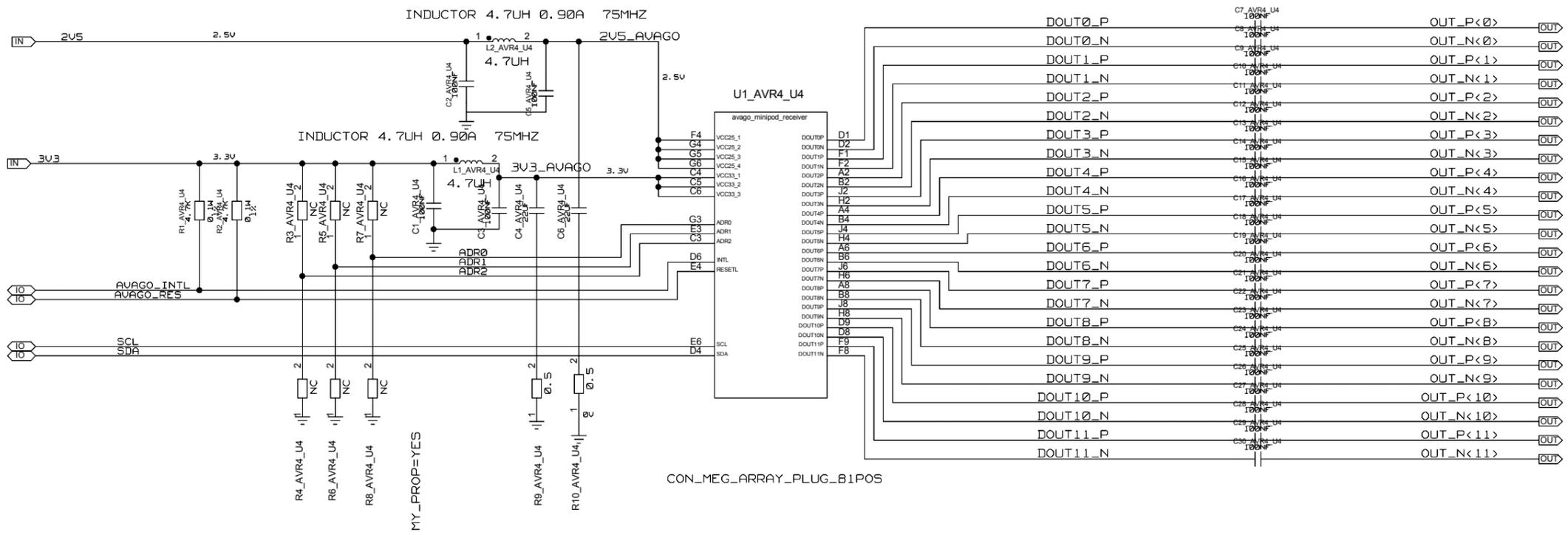
UNIVERSITY OF MAINZ	DRAWING TITLE		
	AVAGO RECEIVER		
SIZE C	REV.	DRAWING NO.	
SCALE			SHEET OF

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



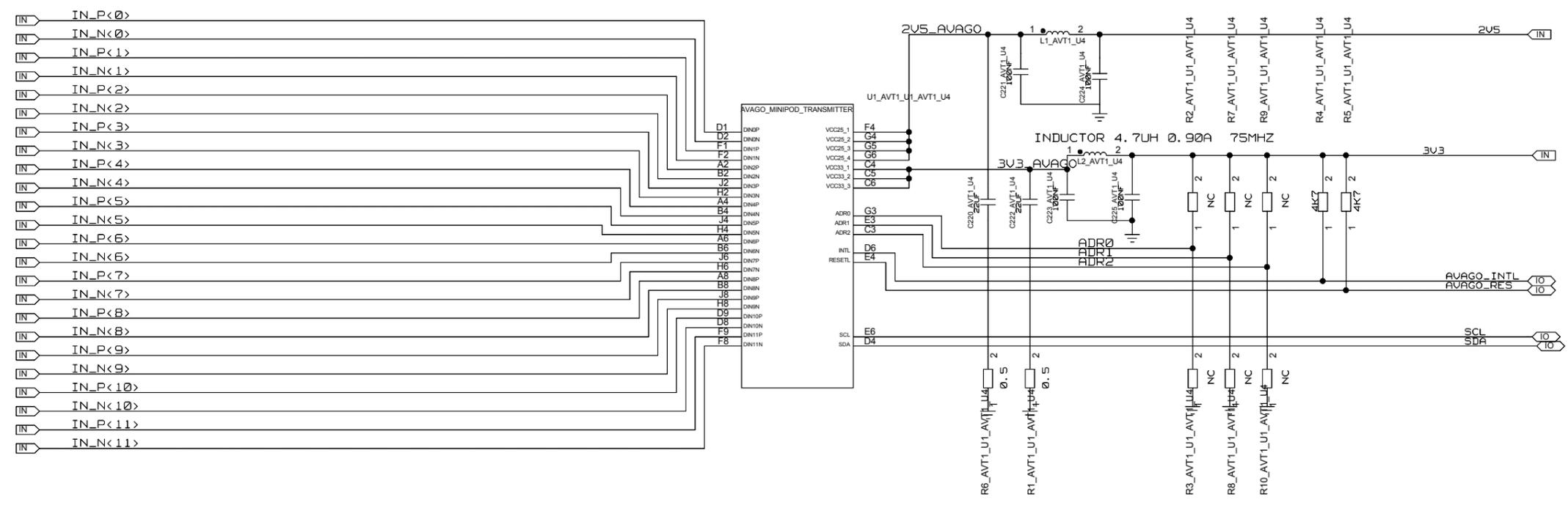
UNIVERSITY OF MAINZ		DRAWING TITLE	
		AVAGO RECEIVER	
SIZE C	REV.	DRAWING NO.	
SCALE		SHEET	OF

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



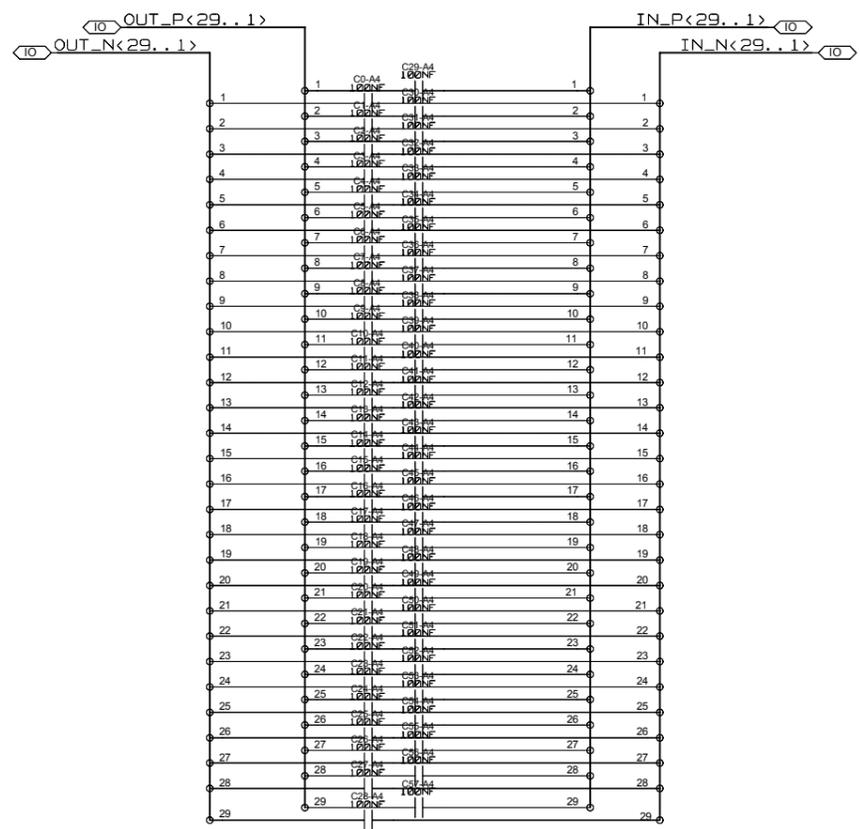
UNIVERSITY OF MAINZ		DRAWING TITLE	
		AVAGO RECEIVER	
SIZE	REV.	DRAWING NO.	
C			
SCALE			SHEET OF

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



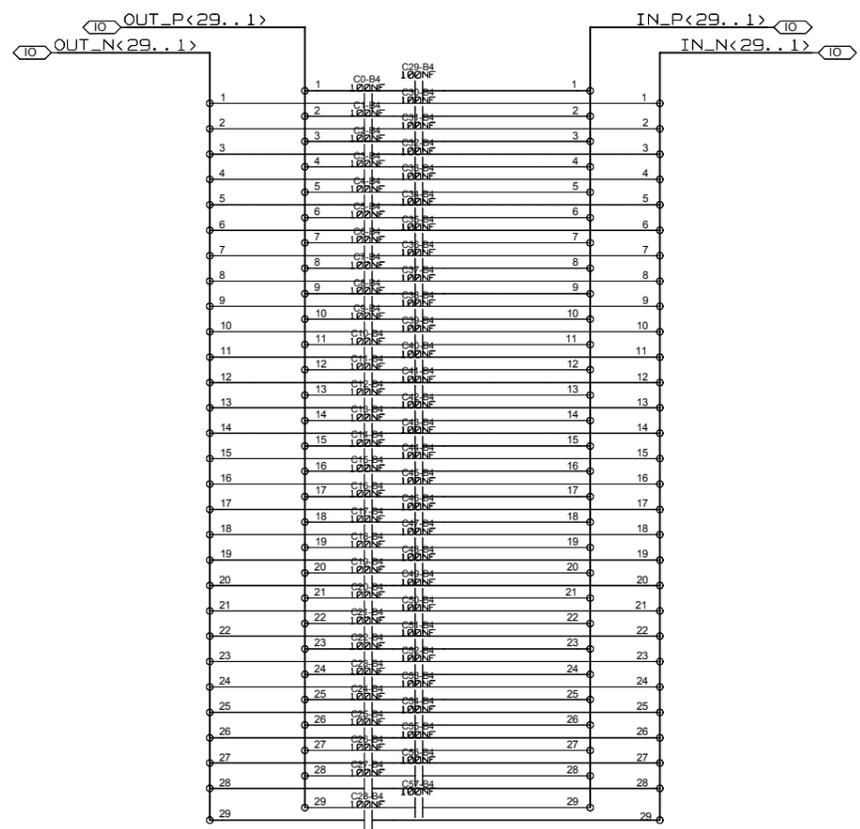
UNIVERSITY OF MAINZ		DRAWING TITLE	
		AVAGO TRANSMITTER	
SIZE	REV.	DRAWING NO.	
C			
SCALE			SHEET OF

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



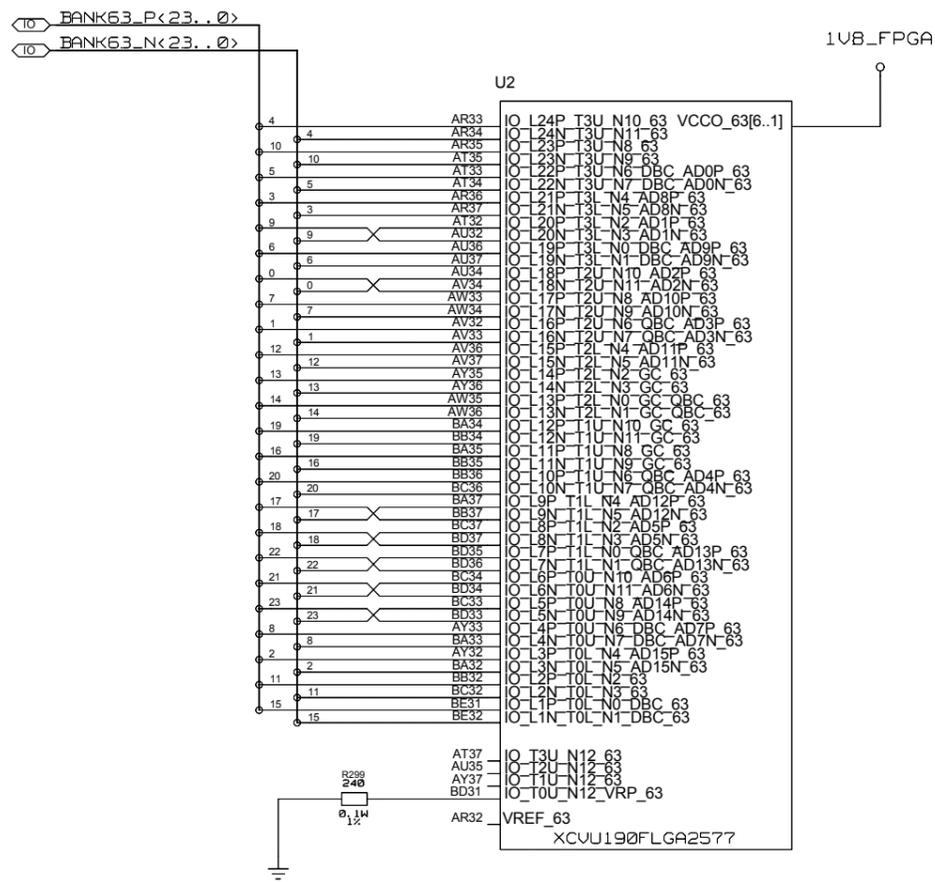
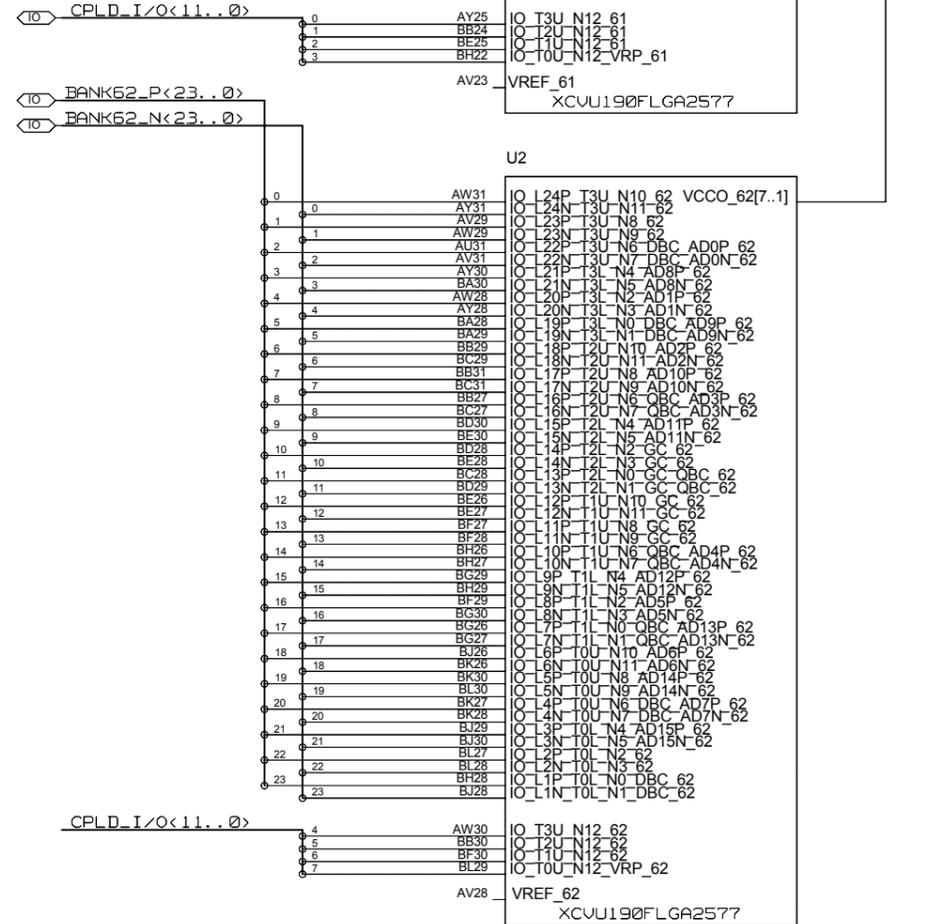
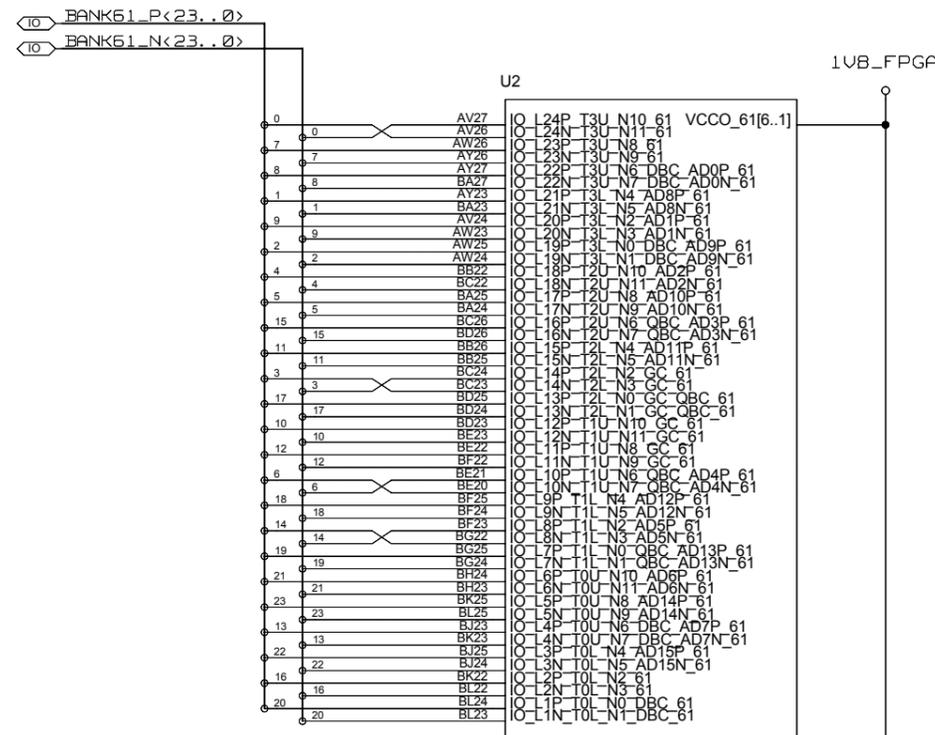
CHECKED	E.ROCCO	DATE	SIGN	DRAWING TITLE AC COUPLING 29BIT
CHECKED	U.SCHAEFER			
CHECKED	S.RAVE			
DRAWN	BAUSS			
BLOCK TITLE				
UNIVERSITY OF MAINZ				SIZE C
				REV.
				DRAWING NO.
SCALE				SHEET OF

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



CHECKED	NAME	DATE	SIGN	DRAWING TITLE AC COUPLING 29BIT		
CHECKED	E.ROCCO					
CHECKED	U.SCHAEFER					
CHECKED	S.RAVE					
DRAWN	BAUSS					
BLOCK TITLE				SIZE	REV.	DRAWING NO.
UNIVERSITY OF MAINZ				C		
				SCALE		SHEET OF

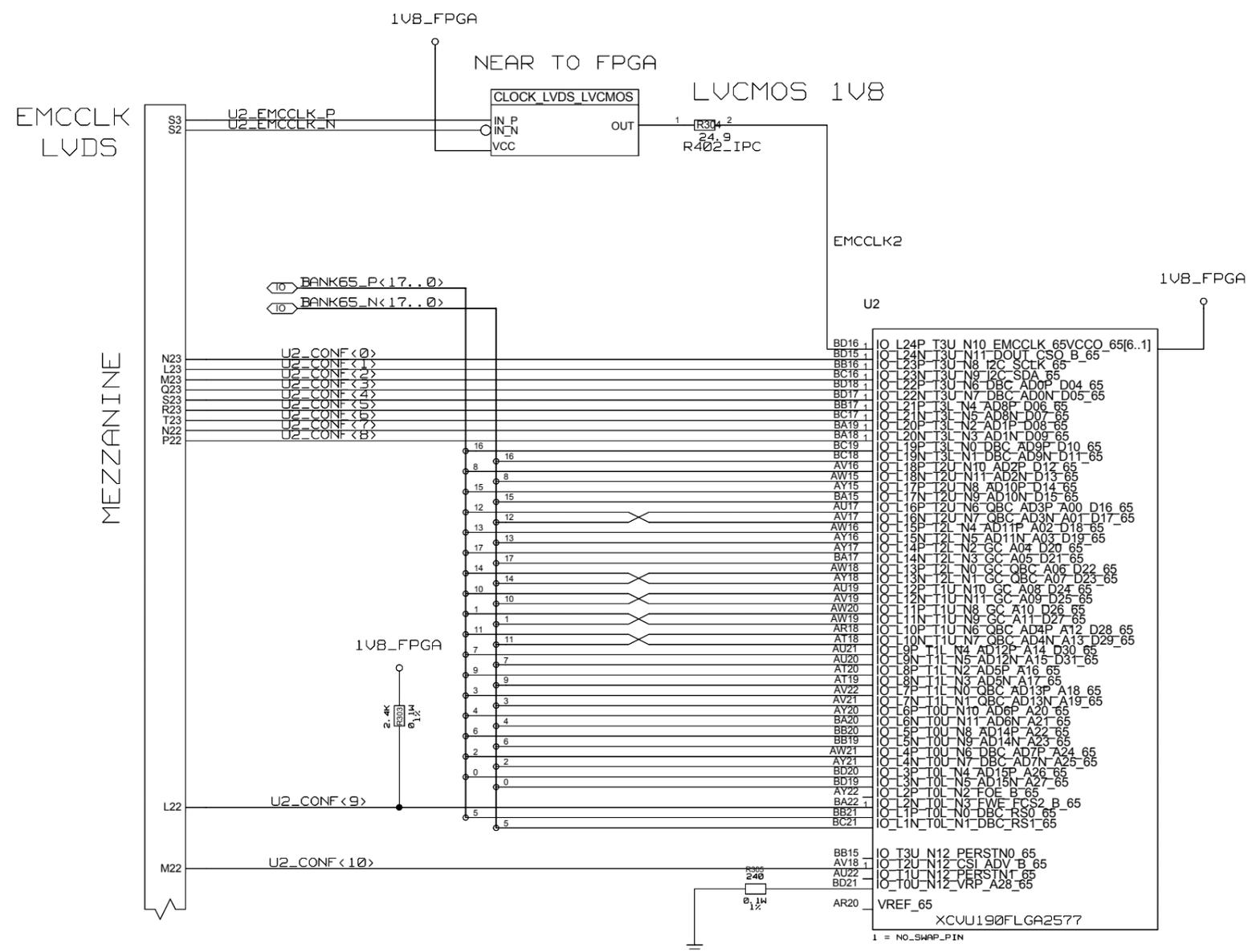
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



BANK
61
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NAME	DATE	SIGN	DRAWING TITLE	
CHECKED	E.ROCCO		JFEX	
CHECKED	U.SCHAEFER			
CHECKED	S.RAVE			
DRAWN	BAUSS	25.08.2015	BLOCK TITLE	
UNIVERSITY OF MAINZ			SIZE	DRAWING NO.
SCALE			REV.	SHEET 1 of 5

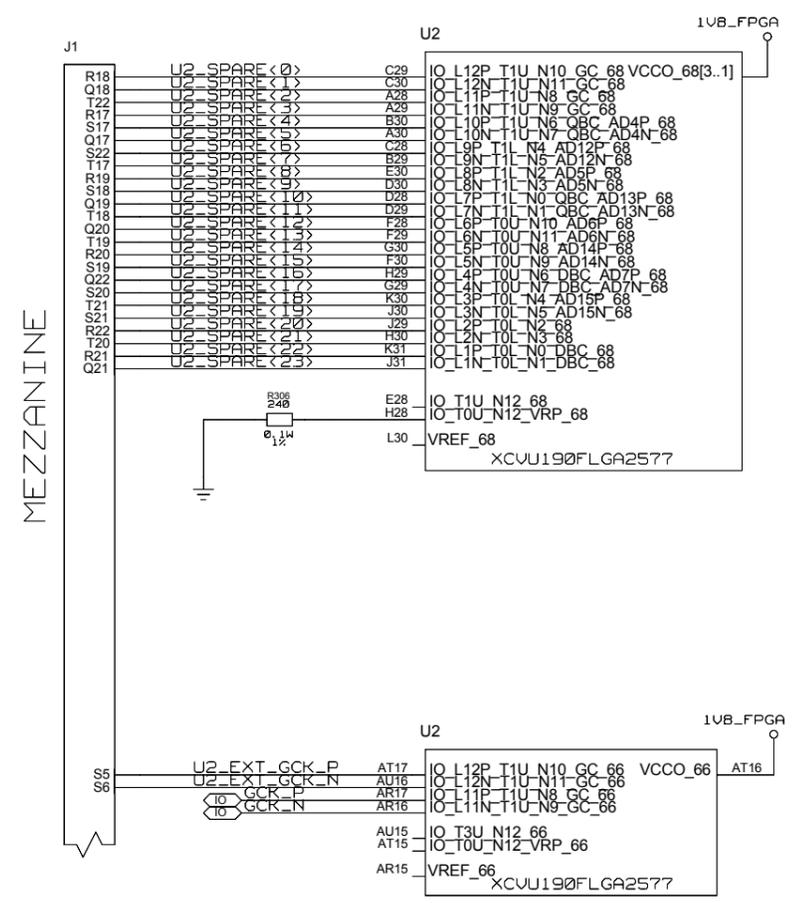
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



BANK
65

CHECKED	NAME	DATE	SIGN	DRAWING TITLE JFEX
CHECKED	E.ROCCO			
CHECKED	U.SCHAEFER			
CHECKED	S.RAVE			
DRAWN	BAUSS	25.08.2015		
BLOCK TITLE U2_PARALLEL_I/O				SIZE C
UNIVERSITY OF MAINZ				REV.
				DRAWING NO.
				SCALE
				SHEET 2 OF 5

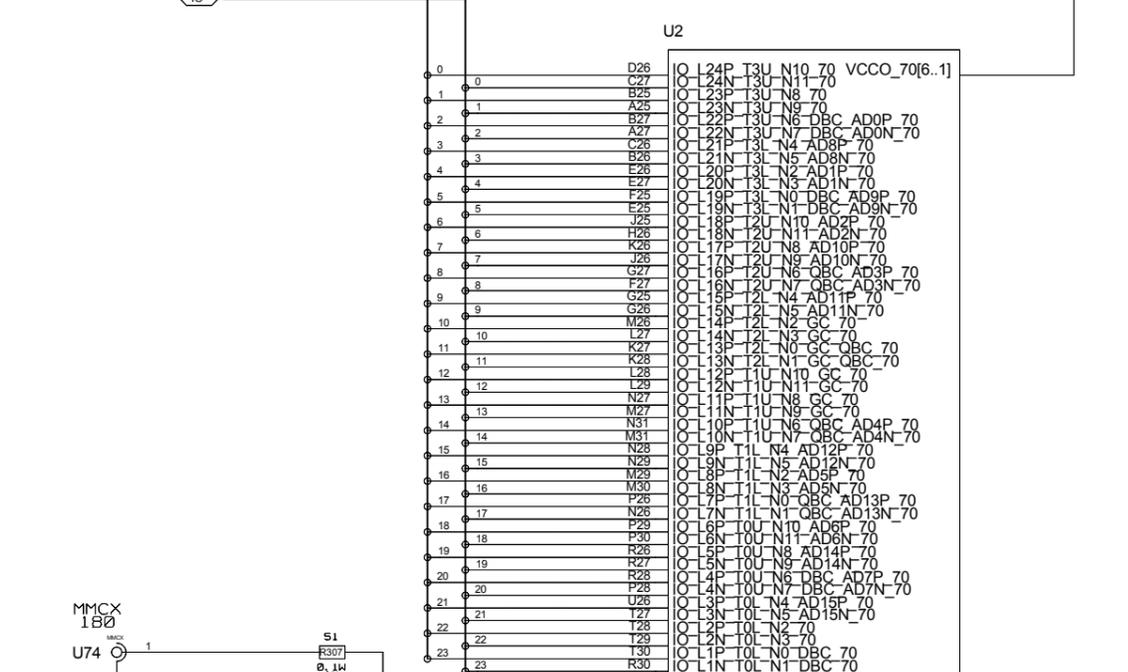
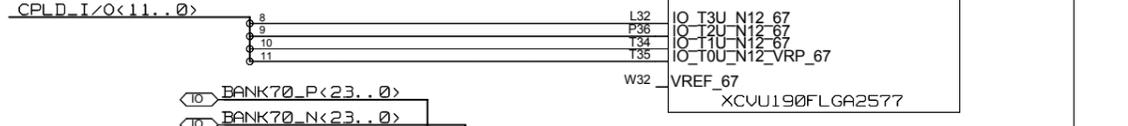
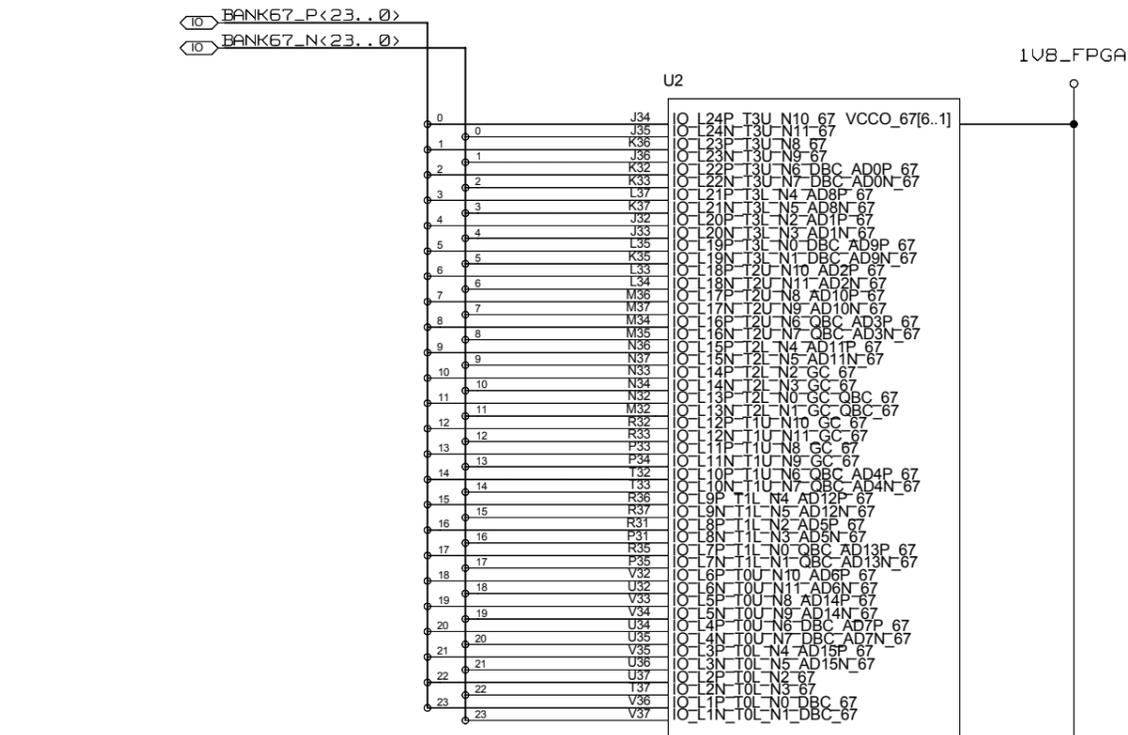
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



BANK
66
68

CHECKED	NAME	DATE	SIGN	DRAWING TITLE <h1>JFEX</h1>
	E.ROCCO			
	U.SCHAEFER			
	S.RAVE			
	BAUSS	25.08.2015		
BLOCK TITLE U2_PARALLEL_I/O				SIZE C
UNIVERSITY OF MAINZ				REV.
SCALE				DRAWING NO.
				SHEET 3 OF 5

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.

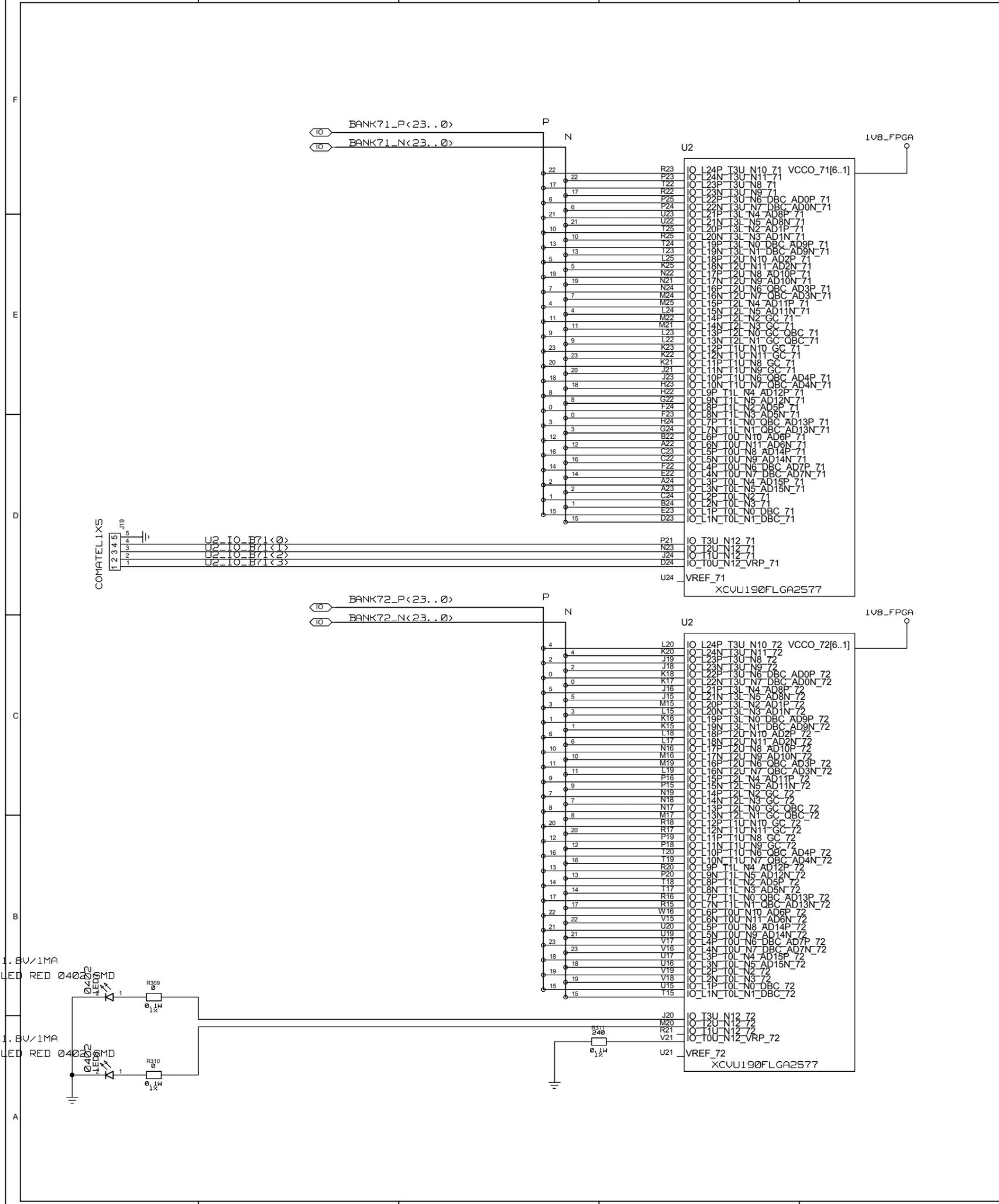


VALUE ????

BANK
67
70

NAME	DATE	SIGN	DRAWING TITLE	
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CHECKED U.SCHAEFER				
CHECKED S.RAVE				
DRAWN BAUSS	25.08.2015			
BLOCK TITLE			U2_PARALLEL_I/O	
UNIVERSITY OF MAINZ			SIZE C	DRAWING NO.
SCALE			SHEET 4 of 5	

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.

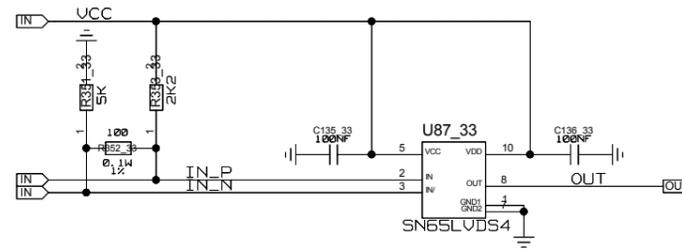


BANK
71
72

CHECKED	NAME	DATE	SIGN	DRAWING TITLE JFEX
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CHECKED	U.SCHAEFER			
CHECKED	S.RAVE			
DRAWN	BAUSS	25.08.2015		
BLOCK TITLE U2_PARALLEL_I/O				SIZE C
UNIVERSITY OF MAINZ				REV.
SCALE				DRAWING NO.
SHEET 5 OF 5				

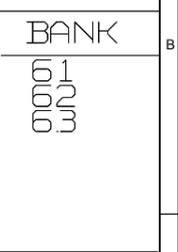
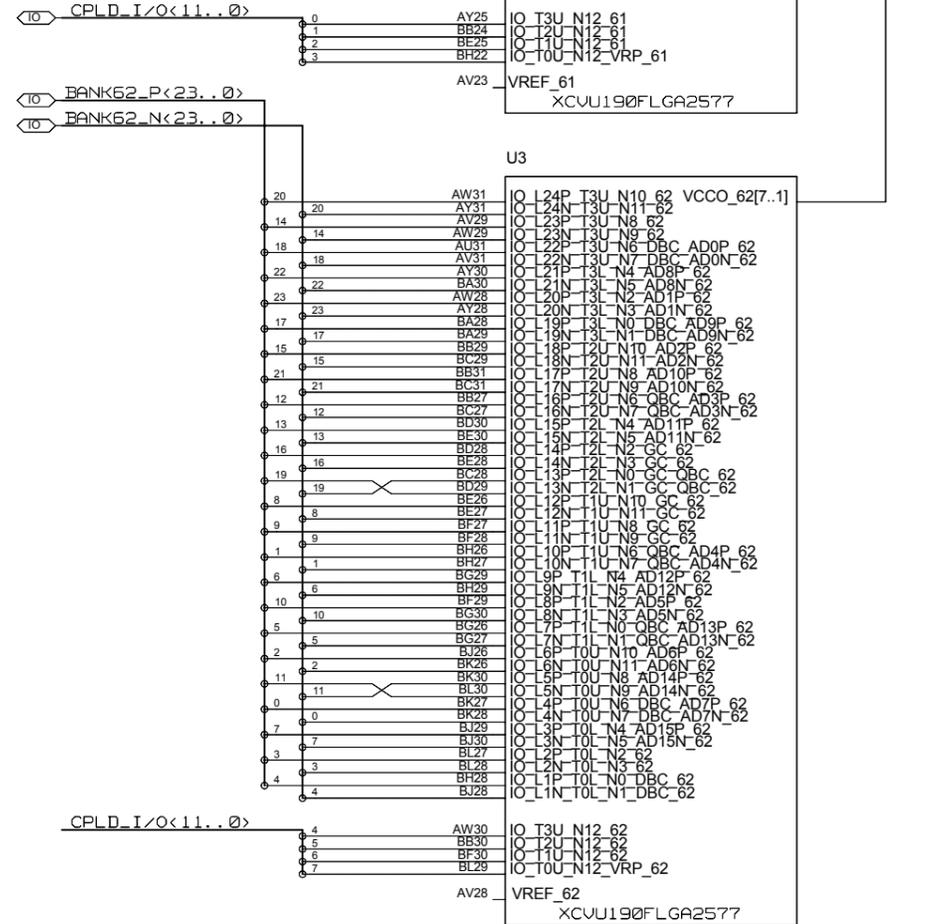
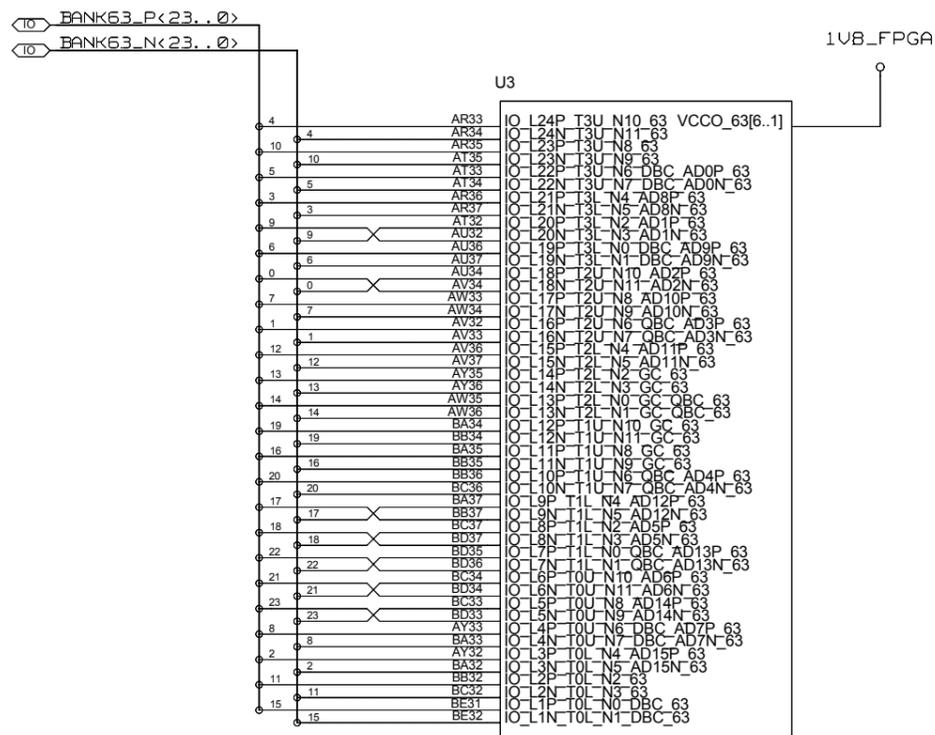
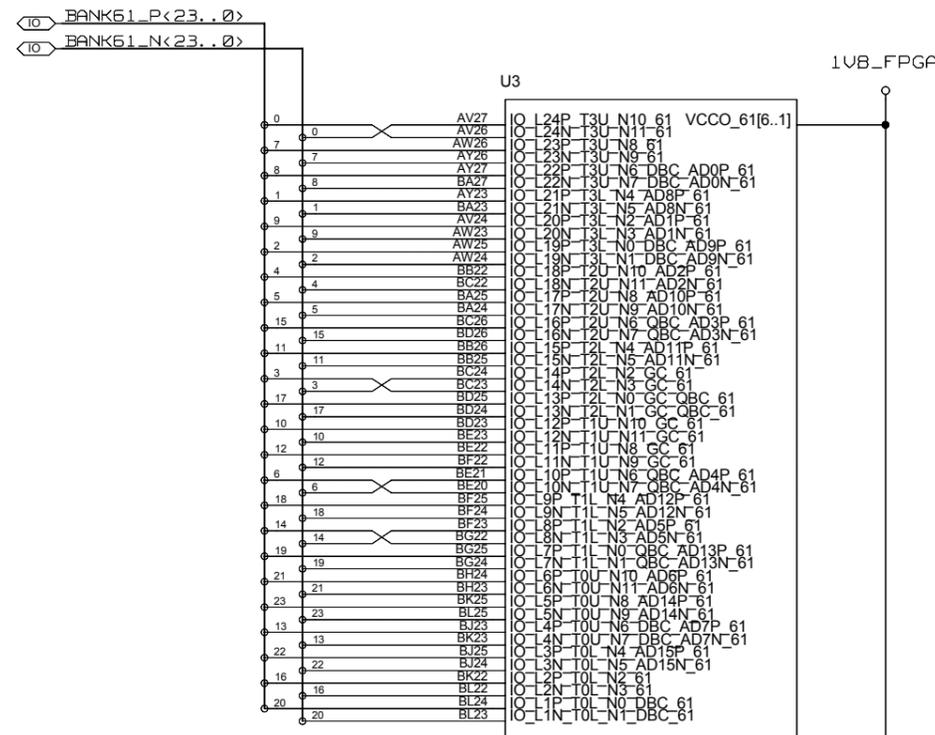
REVISIONS

ZONE	LTR	DESCRIPTION	DATE	APPR.



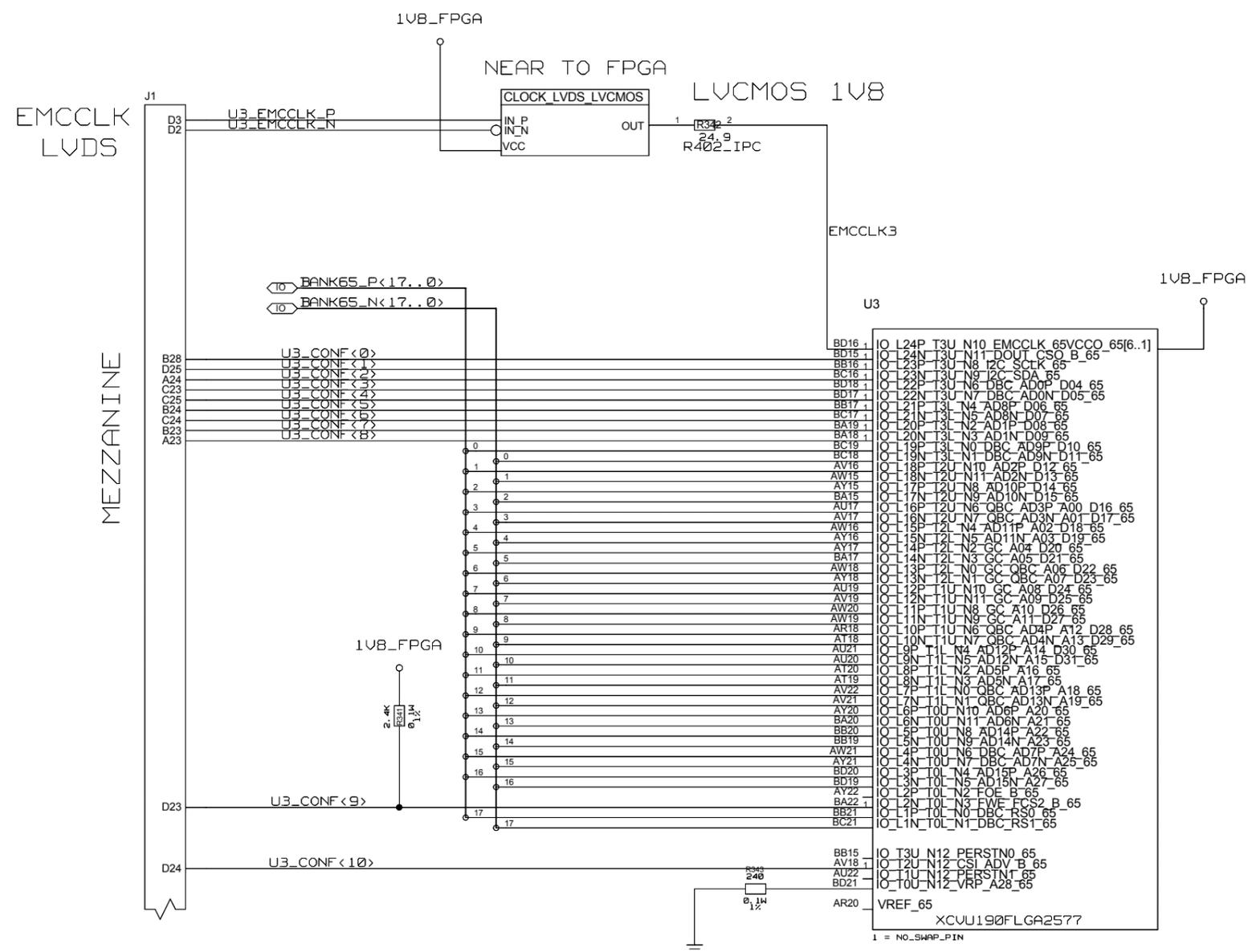
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CHECKED	U.SCHAEFER				
CHECKED	S.RAVE				
DRAWN	BAUSS				
BLOCK TITLE				DRAWING NO.	
CLOCK_LVDS_LVCMOS				SIZE	REV.
UNIVERSITY OF MAINZ				C	
				SCALE	SHEET OF

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



NAME	DATE	SIGN	DRAWING TITLE	
CHECKED E.ROCCO			JFEX	
CHECKED U.SCHAEFER				
CHECKED S.RAVE				
DRAWN BAUSS	25.08.2015		BLOCK TITLE	
UNIVERSITY OF MAINZ			SIZE C	DRAWING NO.
SCALE			REV.	SHEET 1 of 5

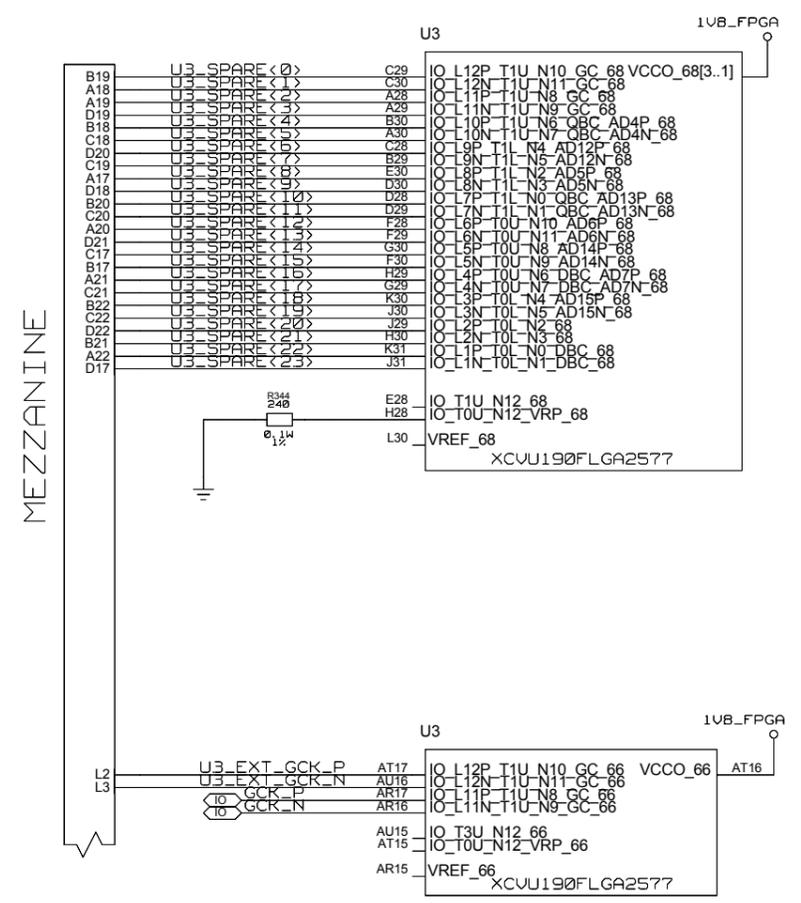
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



BANK
65

CHECKED	NAME	DATE	SIGN	DRAWING TITLE JFEX
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CHECKED	U.SCHAEFER			
CHECKED	S.RAVE			
DRAWN	BAUSS	25.08.2015		
BLOCK TITLE U3_PARALLEL_I/O				SIZE C
UNIVERSITY OF MAINZ				REV.
				DRAWING NO.
SCALE				SHEET 2 OF 5

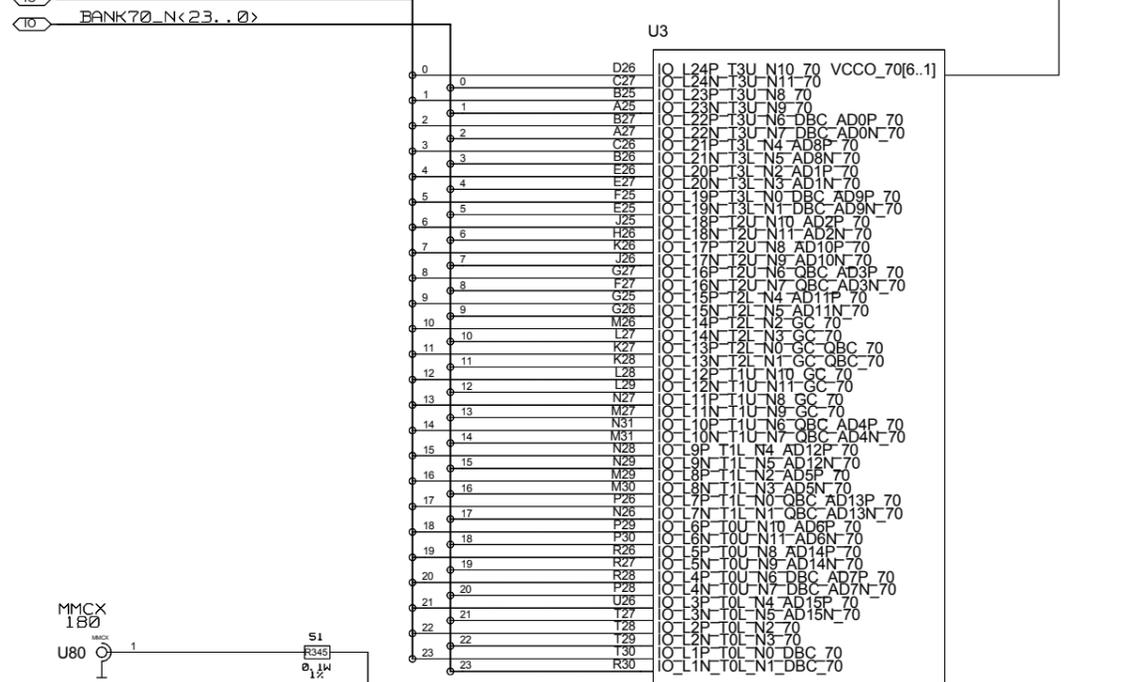
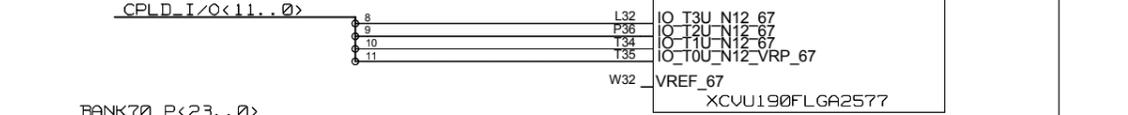
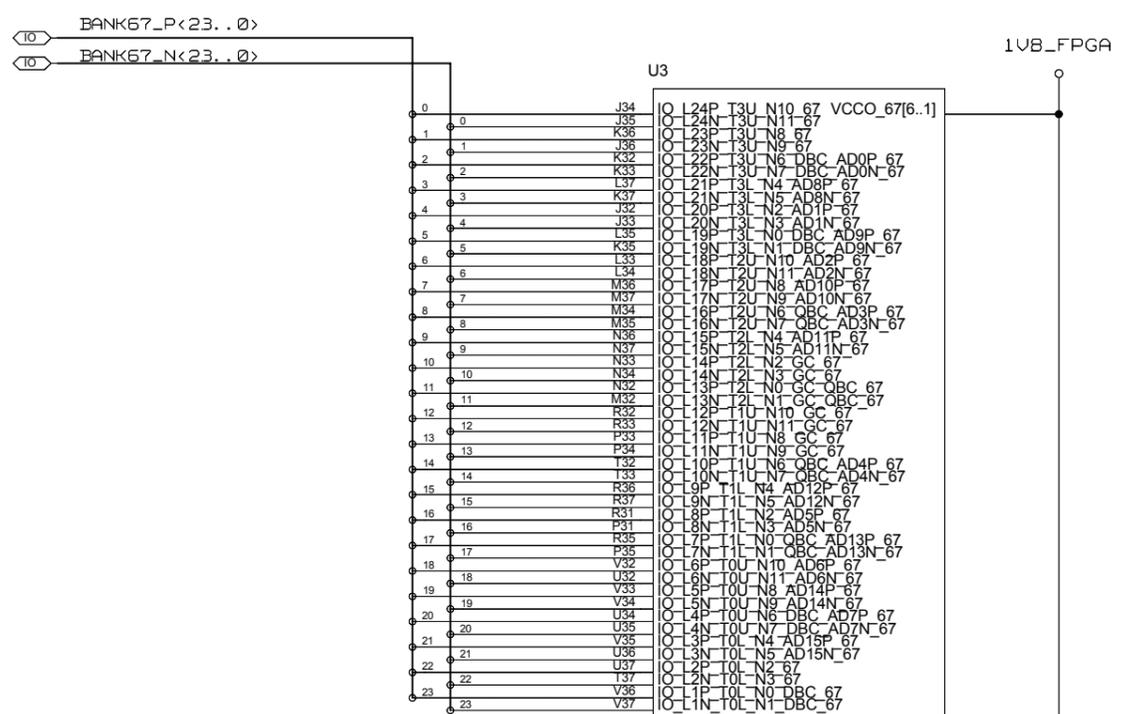
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ZONE	LTR	DESCRIPTION	DATE	APPR.



BANK
66
68

CHECKED	NAME	DATE	SIGN	DRAWING TITLE JFEX
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	U.SCHAEFER			
	S.RAVE			
	BAUSS	25.08.2015		
BLOCK TITLE U3_PARALLEL_I/O				SIZE C
UNIVERSITY OF MAINZ				REV.
				DRAWING NO.
				SHEET 3 OF 5

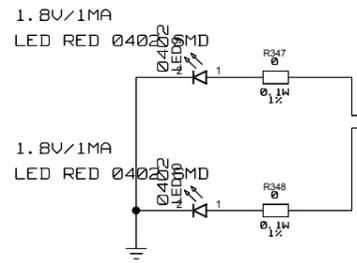
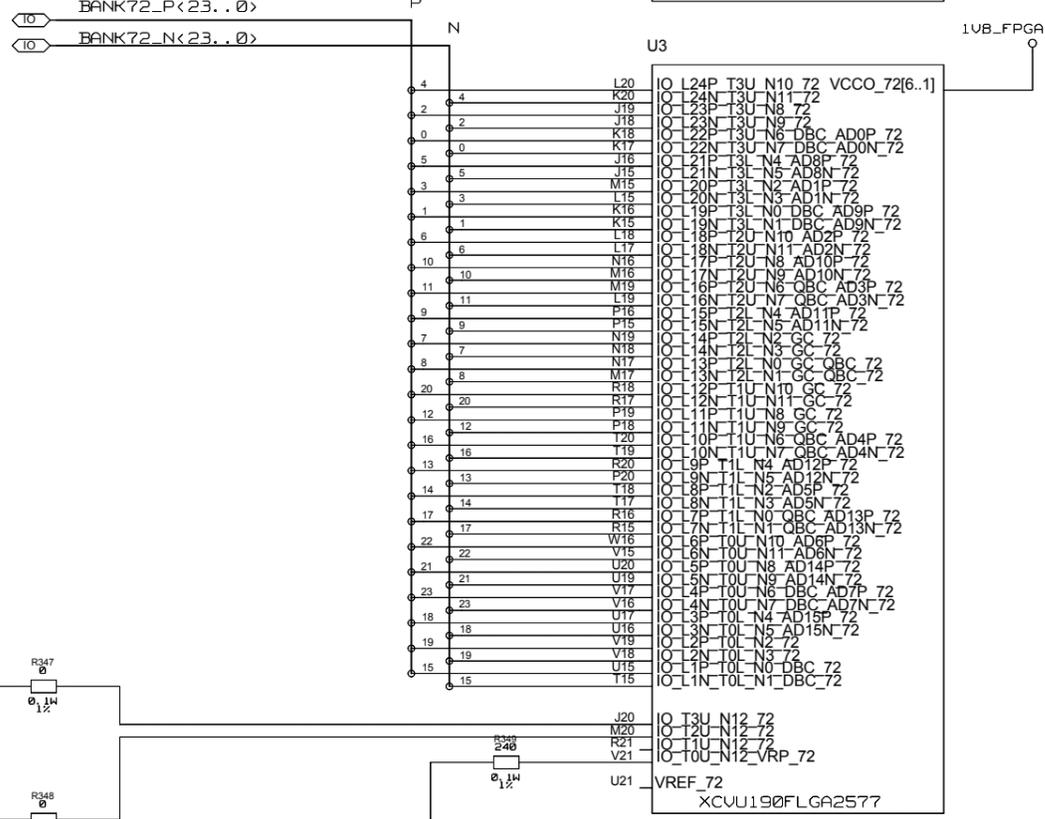
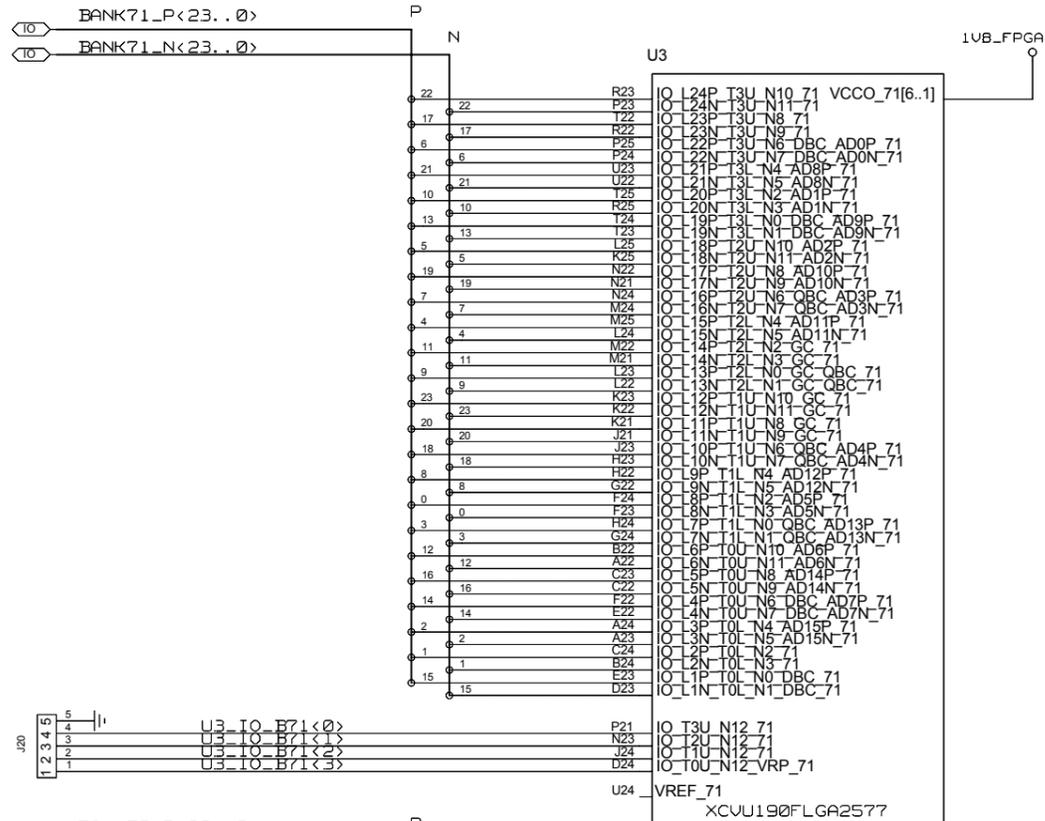
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



BANK
67
70

NAME	DATE	SIGN	DRAWING TITLE	
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CHECKED U.SCHAEFER				
CHECKED S.RAVE				
DRAWN BAUSS	25.08.2015			
BLOCK TITLE			DRAWING NO.	
U3_PARALLEL_I/O				
UNIVERSITY OF MAINZ		SIZE	REV.	DRAWING NO.
		C		
SCALE			SHEET 4 of 5	

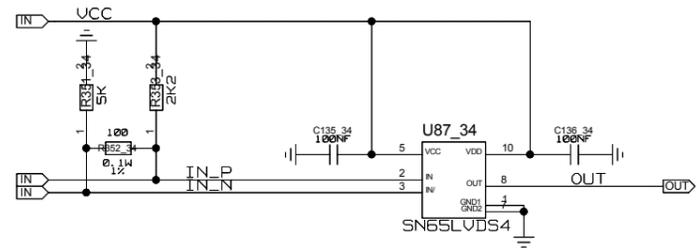
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



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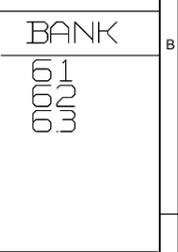
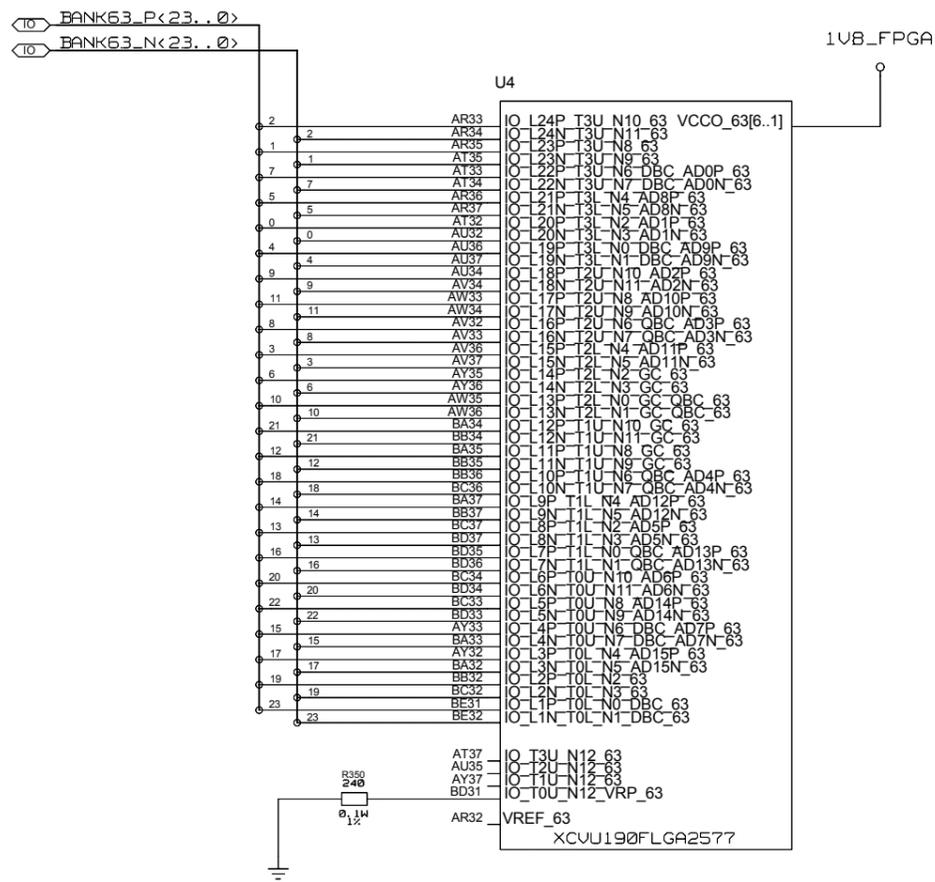
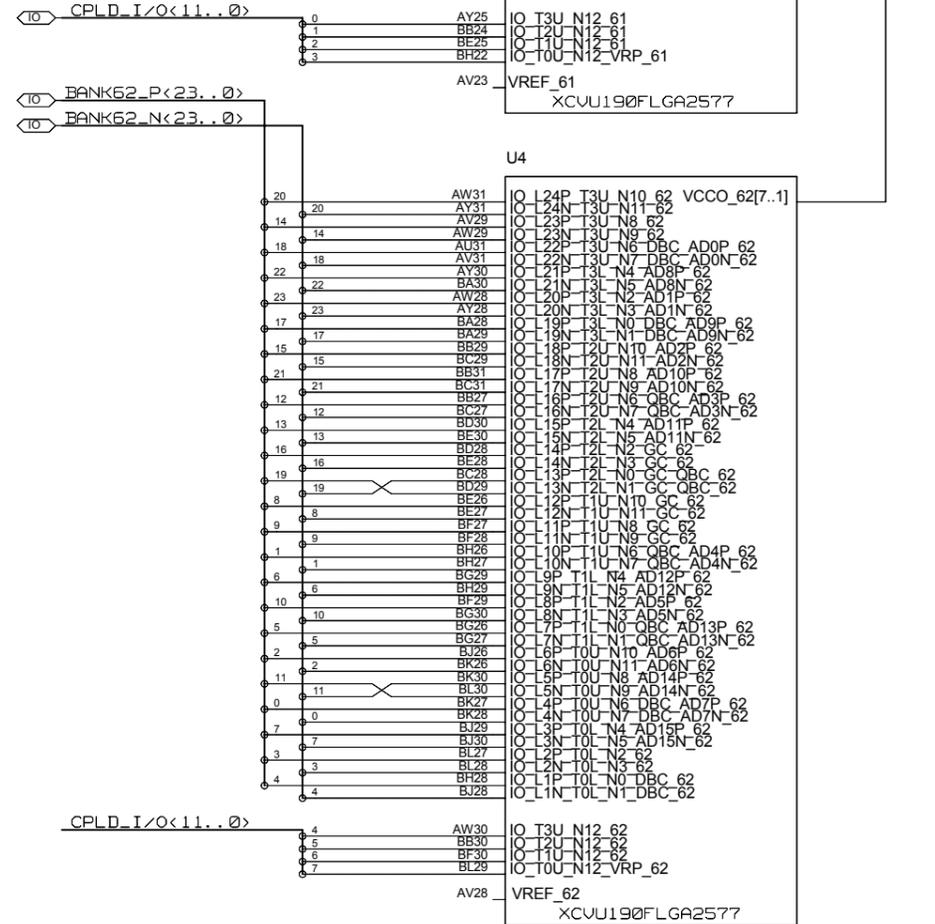
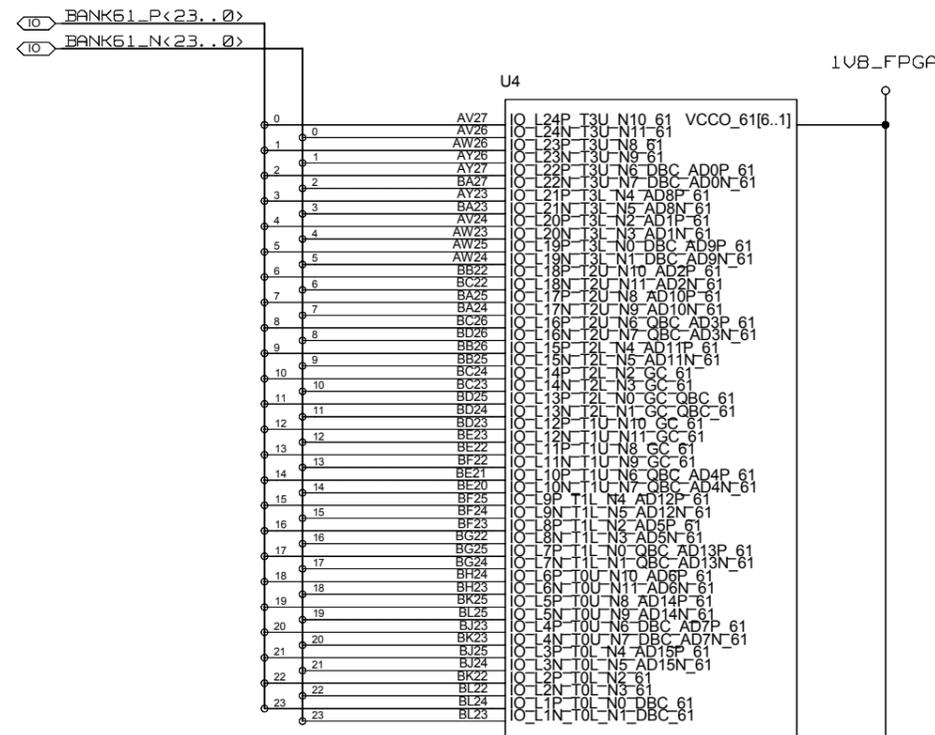
NAME	DATE	SIGN	DRAWING TITLE	
CHECKED E.ROCCO			JFEX	
CHECKED U.SCHAEFER				
CHECKED S.RAVE				
DRAWN BAUSS	25.08.2015			
BLOCK TITLE			UNIVERSITY OF MAINZ	
SIZE C			REV.	DRAWING NO.
SCALE			SHEET 5 of 5	

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.



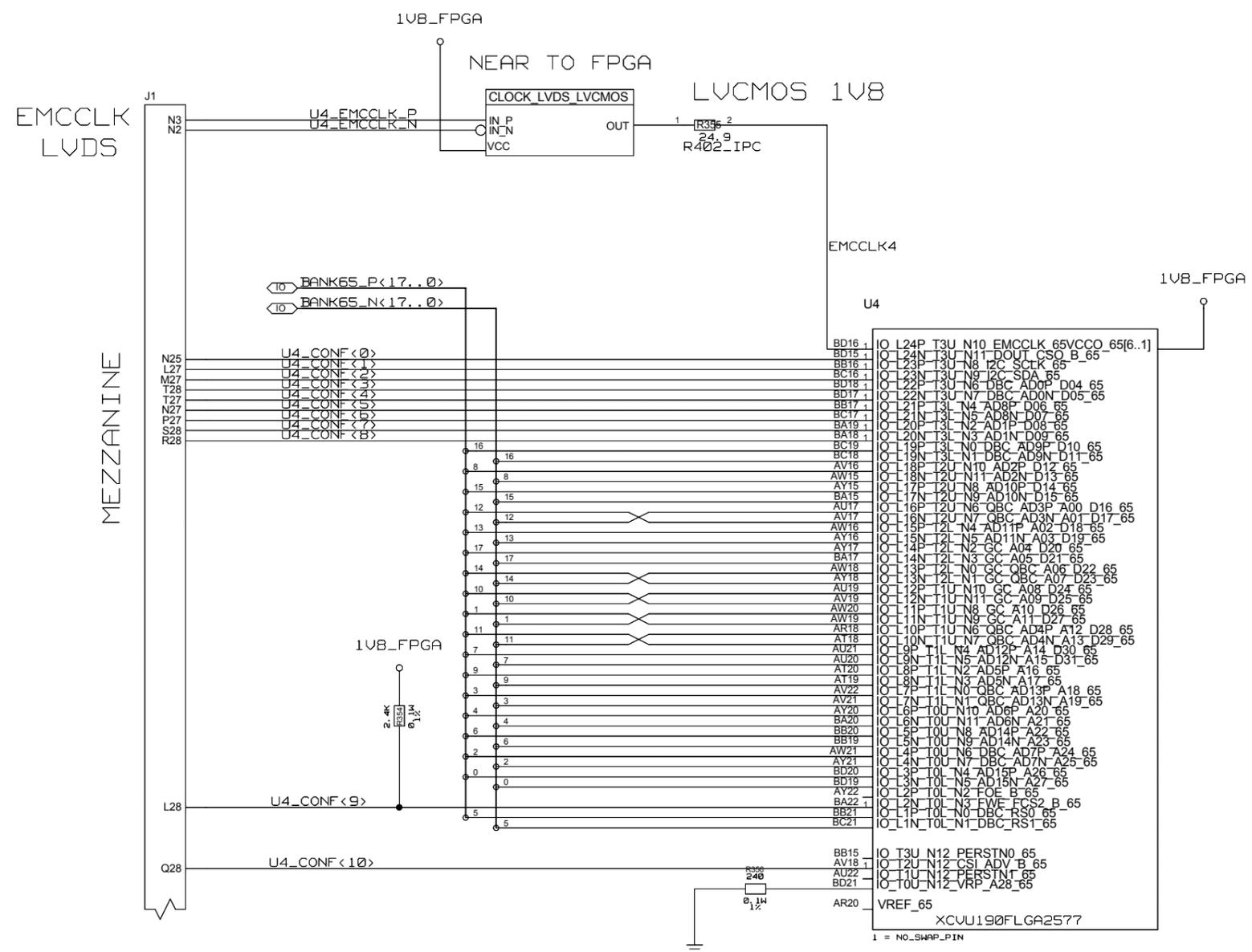
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ZONE	LTR	DESCRIPTION	DATE	APPR.



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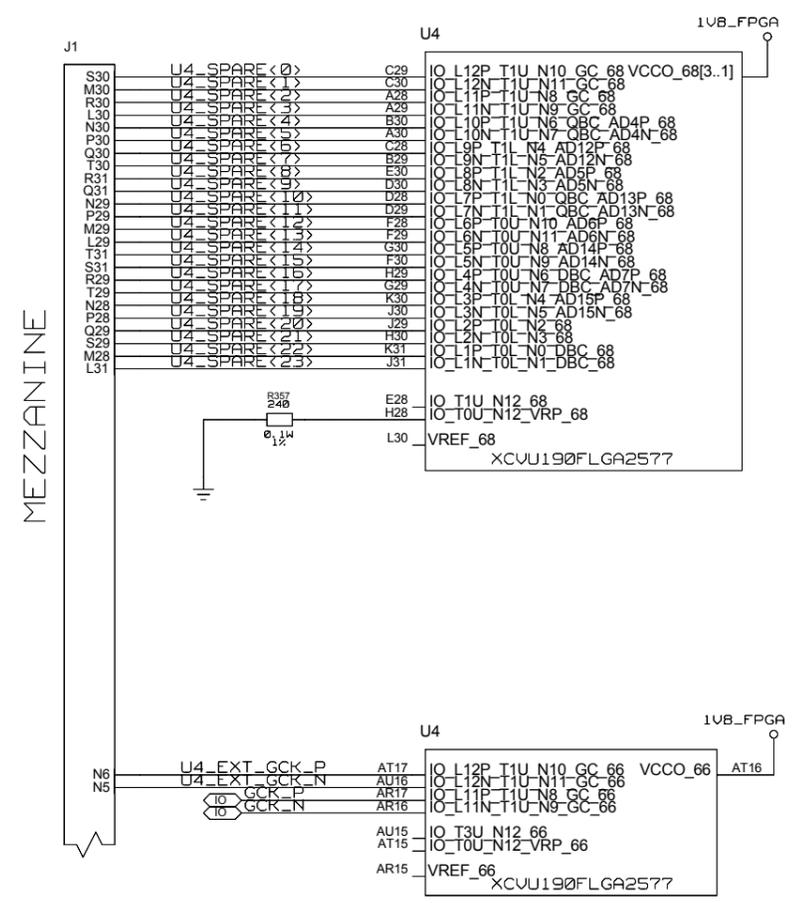
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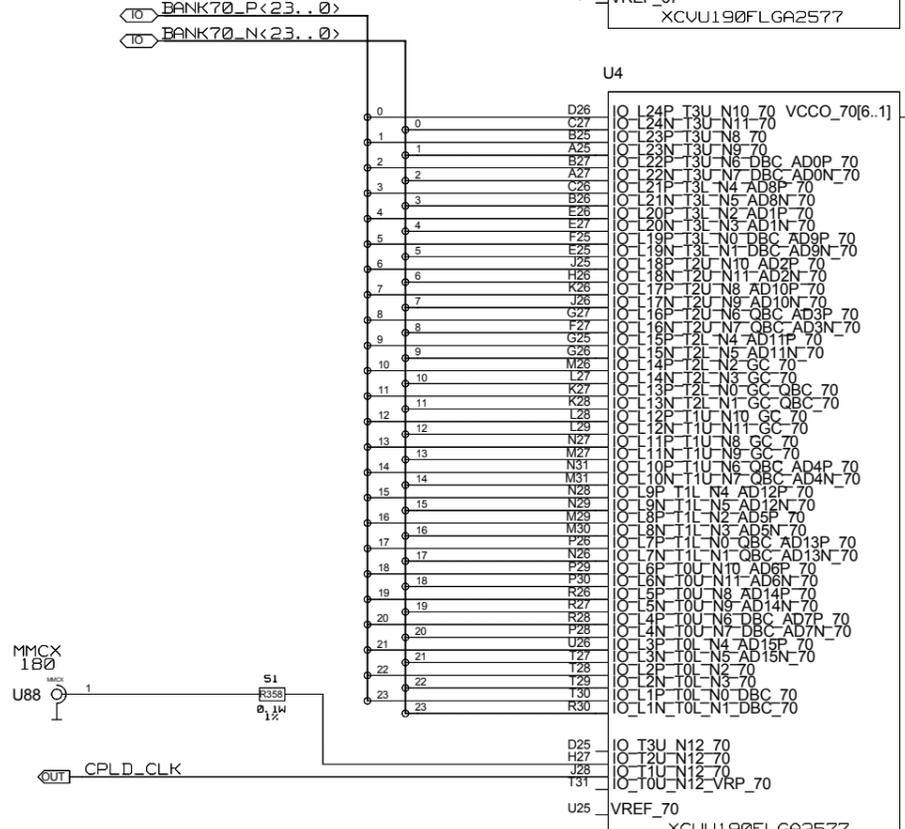
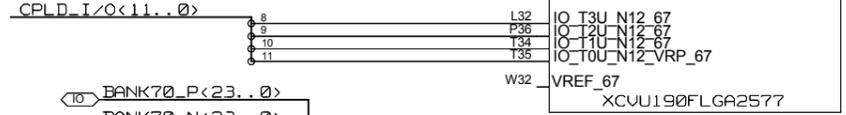
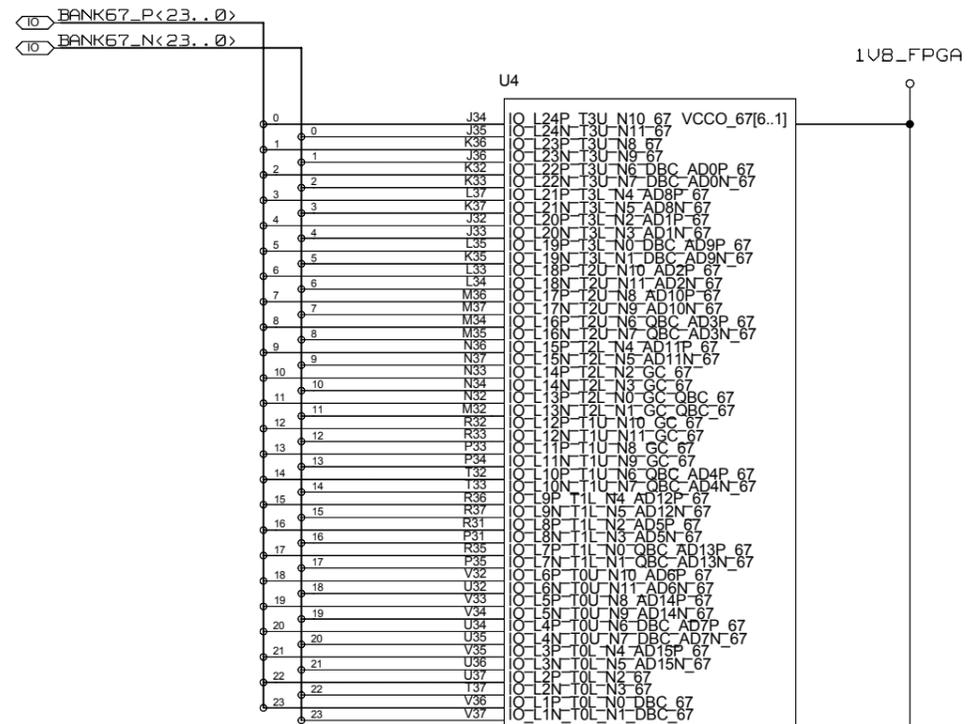
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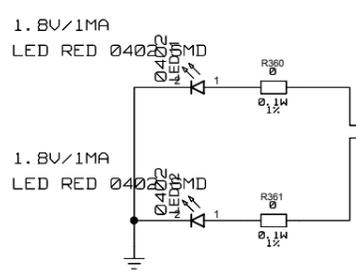
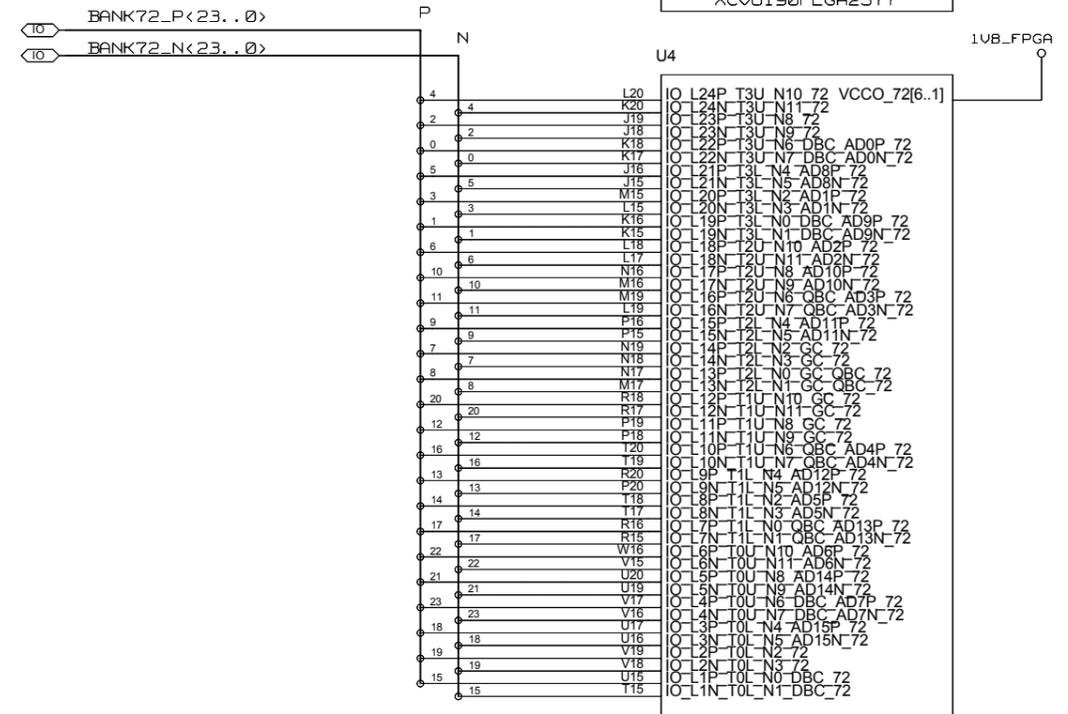
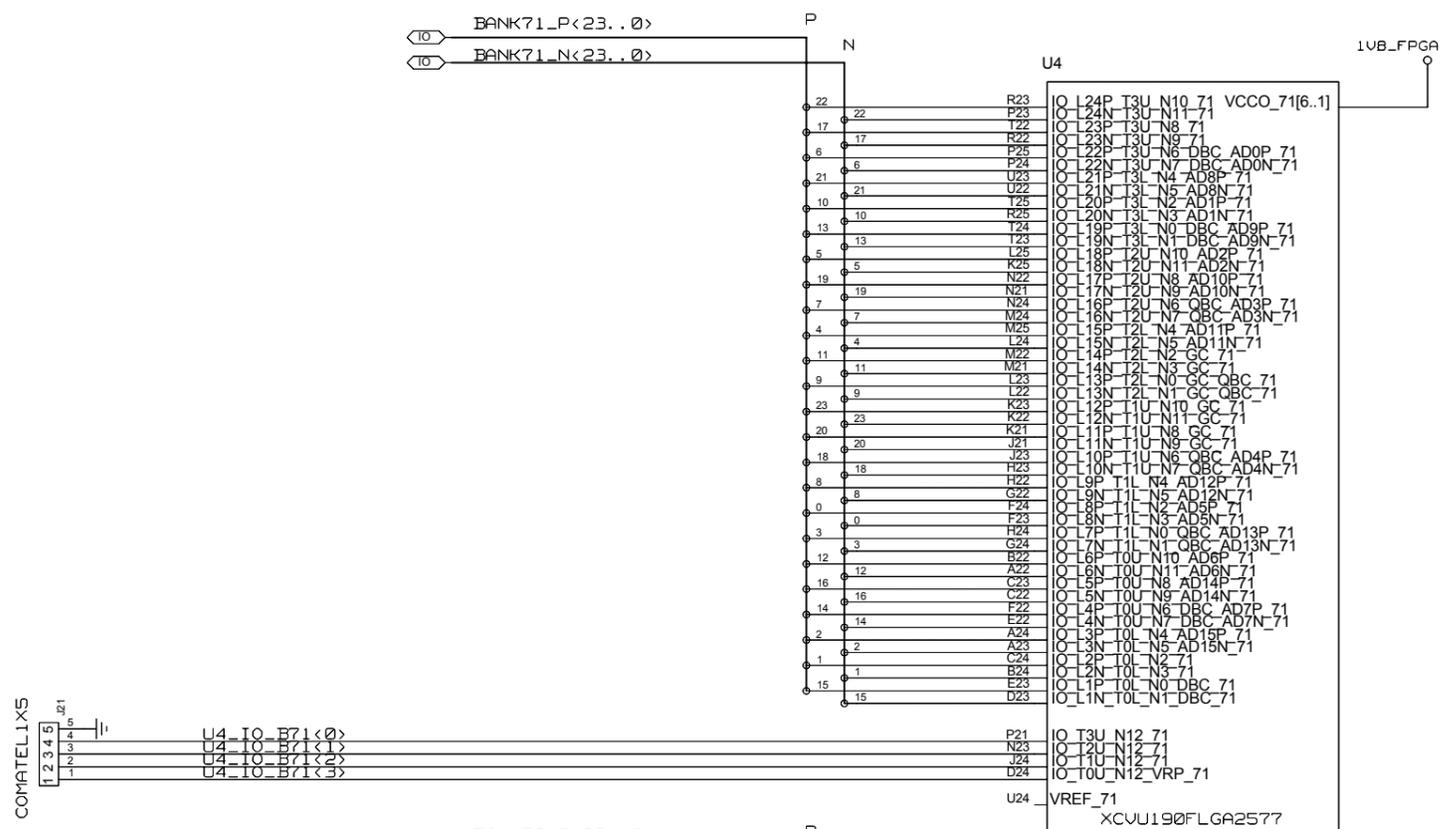
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	S.RAVE			
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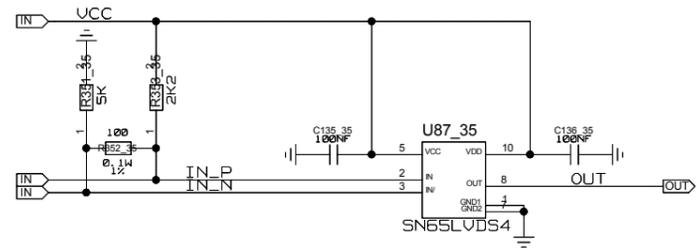
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REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.

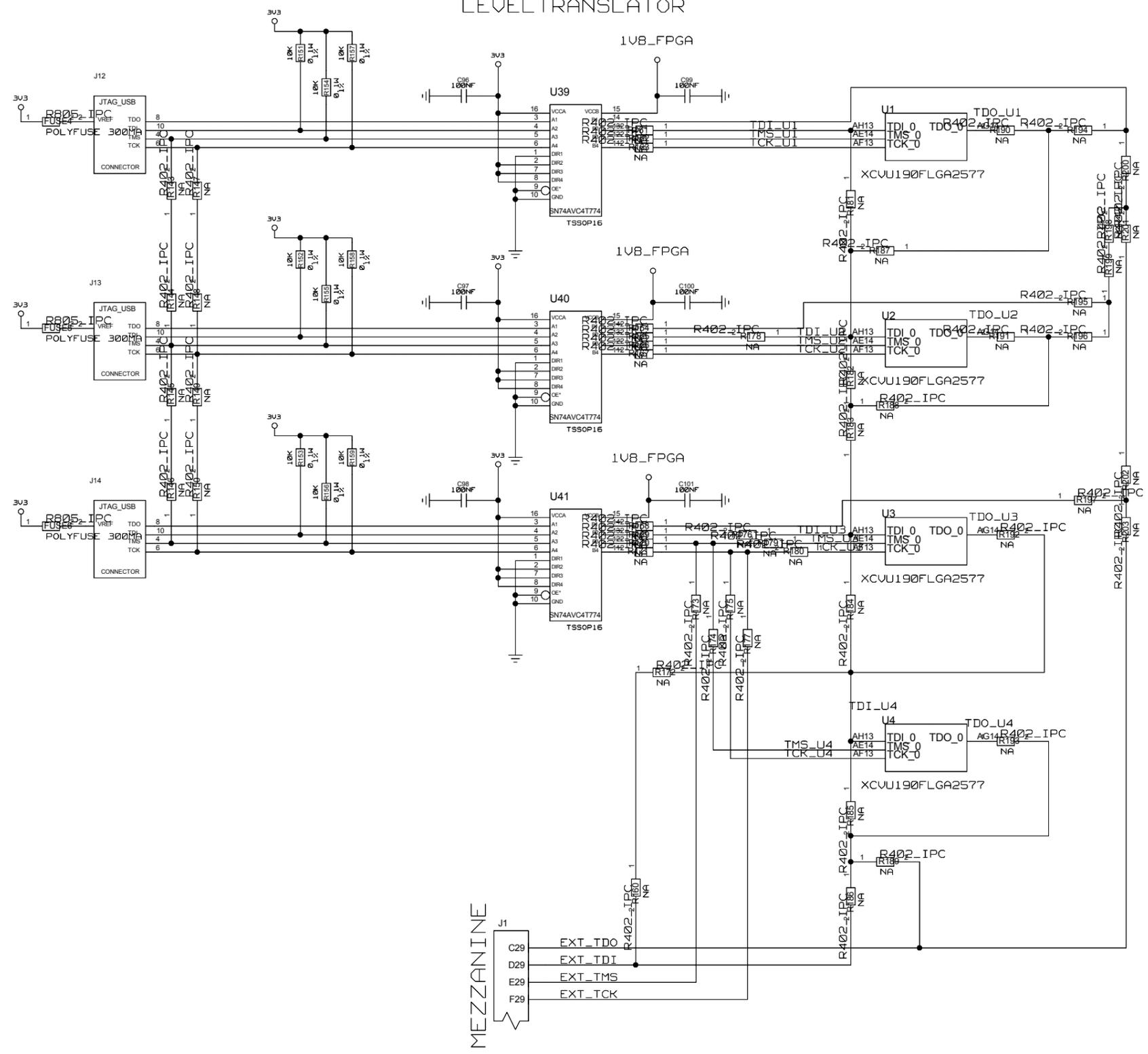


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CLOCK_LLVD5_LVCMOS				C	
UNIVERSITY OF MAINZ				SCALE	SHEET OF

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPR.

CLOSE TOGETHER
NEAR FRONTPANEL

LEVEL TRANSLATOR



NAME	DATE	SIGN	DRAWING TITLE		
CHECKED	E.ROCCO		JTAG CHAIN		
CHECKED	U.SCHAEFER				
CHECKED	S.RAVE				
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