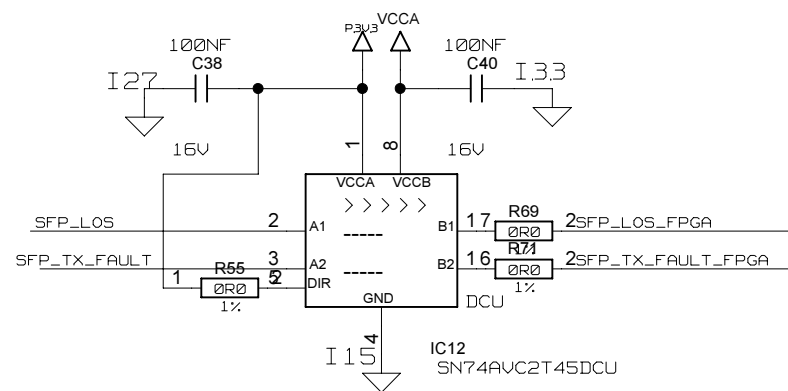
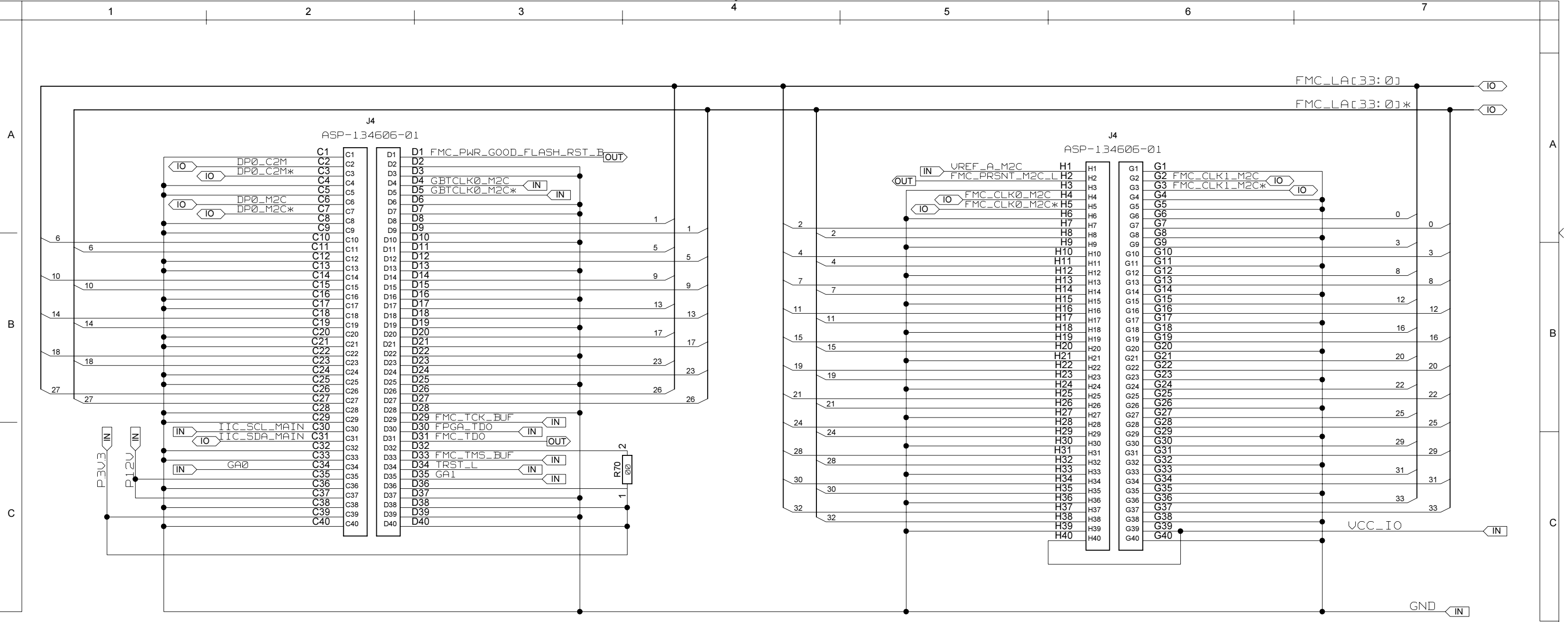


DIR LOW : B -> A
DIR HIGH: A -> B



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UNIVERSITY OF BRISTOL HIGH ENERGY PHYSICS GROUP						
TITLE		fmc_tlu_v1_lib				
MODULE:		fmc_tlu_toplevel_e				
		LEVEL TRANSLATORS				
A2	MODULE PAGE: 7 OF 7 OVERALL PAGE: 7 OF 29					
				TOTAL NO. OF SHEETS		



Thu Mar 30 11:19:40 2017

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TITLE

fmc_tlu_v1_lib

MODULE:

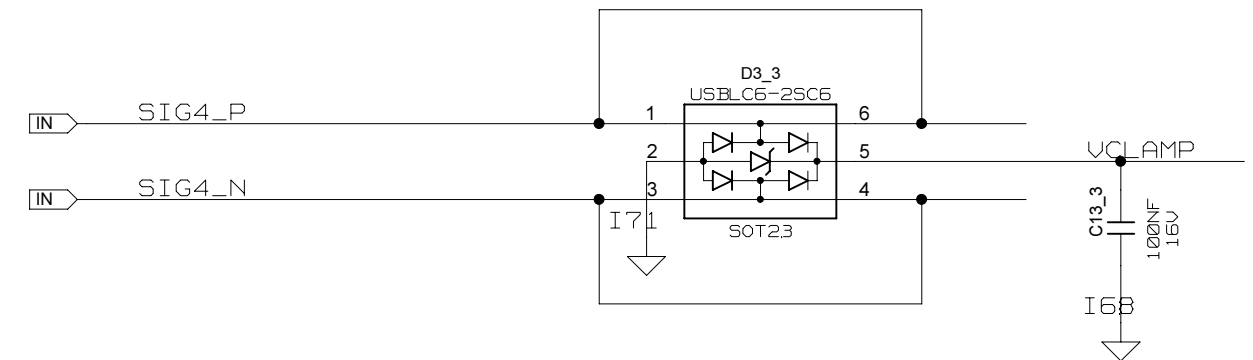
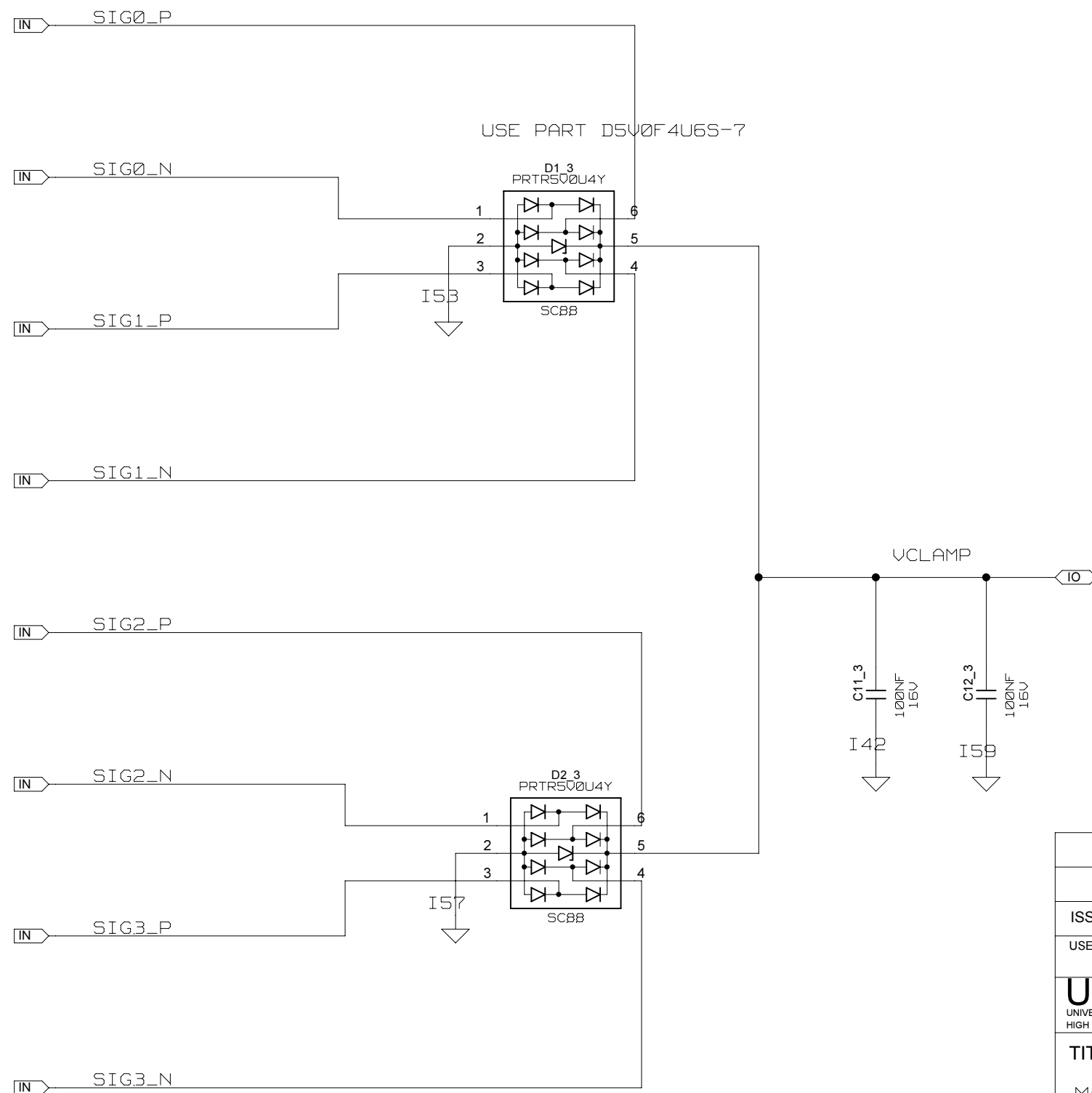
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FMC LPC

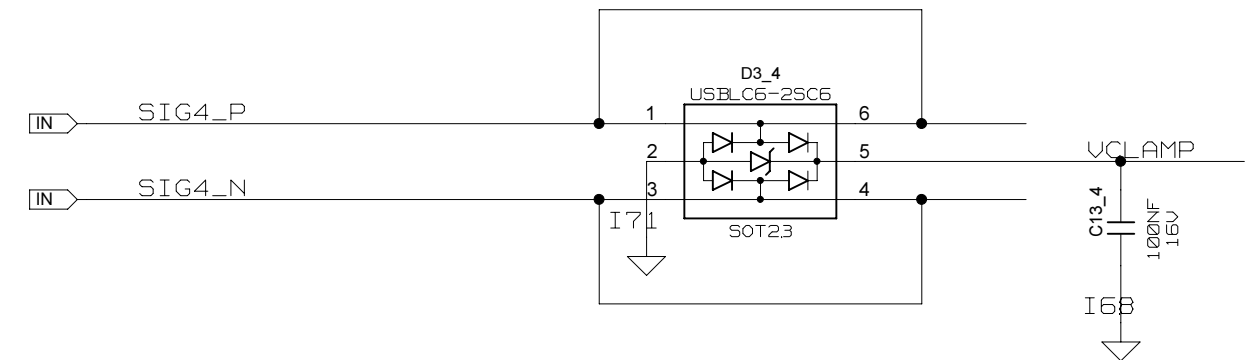
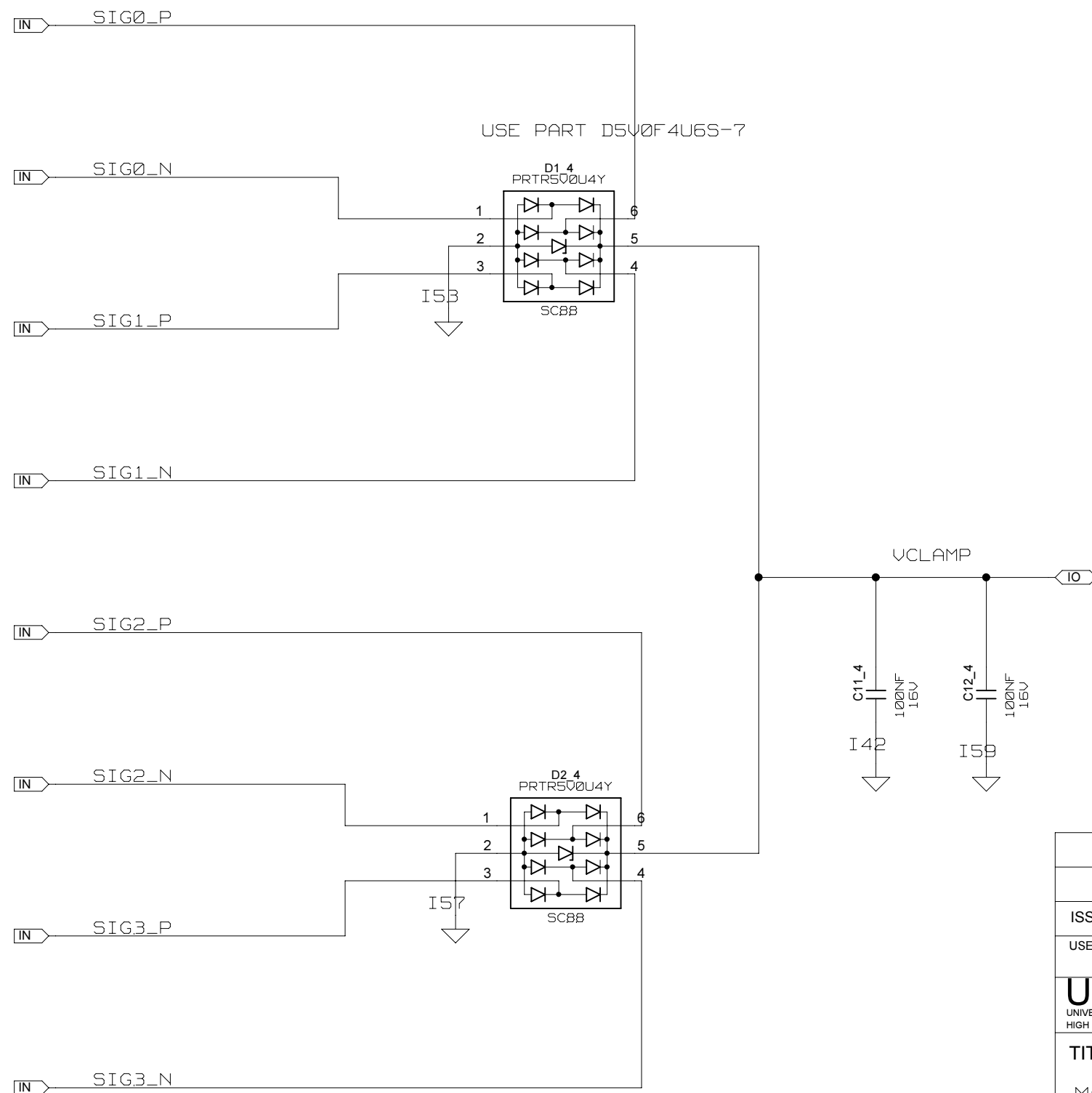
A 2

MODULE PAGE: 1 OF 1
OVERALL PAGE: 8 OF 29

TOTAL NO. OF SHEETS



	Thu Jun 22 10:11:39 2017			
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TITLE fmc_tlu_v1_lib				
MODULE: fmc_tlu_diode_clamp_b				
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A2		MODULE PAGE: 1 OF 1 OVERALL PAGE: 14 OF 29		
TOTAL NO. OF SHEETS				



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TITLE fmc_tlu_v1_lib						
MODULE: fmc_tlu_diode_clamp_b						
LICENSED UNDER THE TAPR OPEN HARDWARE LICENSE (WWW.TAPR.ORG/OHL)						
A2	MODULE PAGE: 1 OF 1 OVERALL PAGE: 16 OF 29					
			TOTAL NO. OF SHEETS			

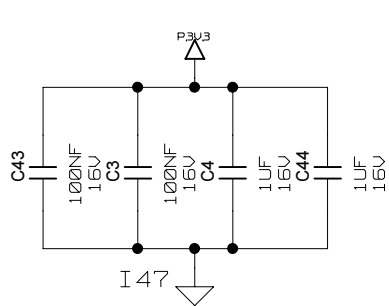
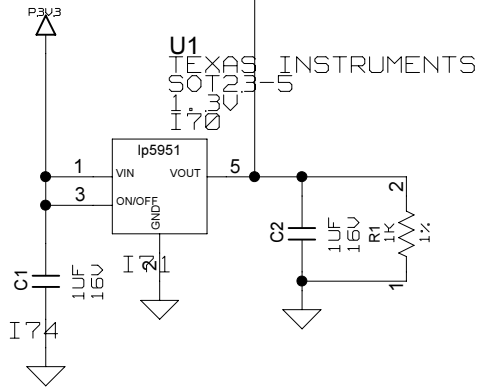
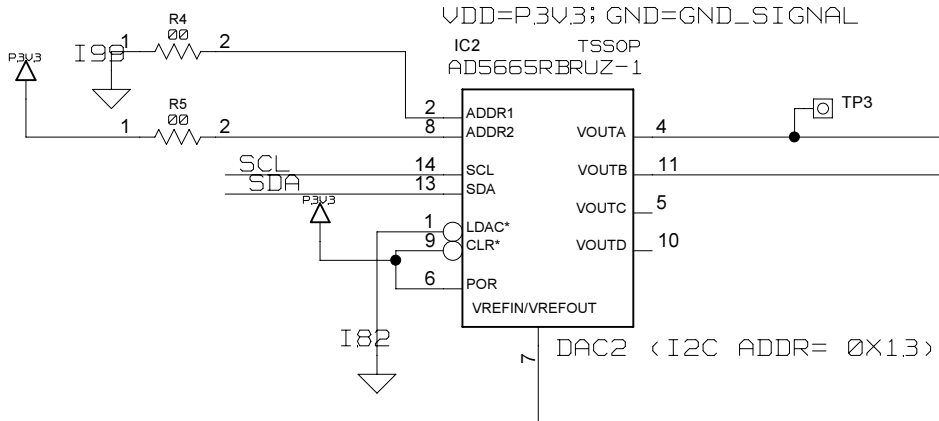
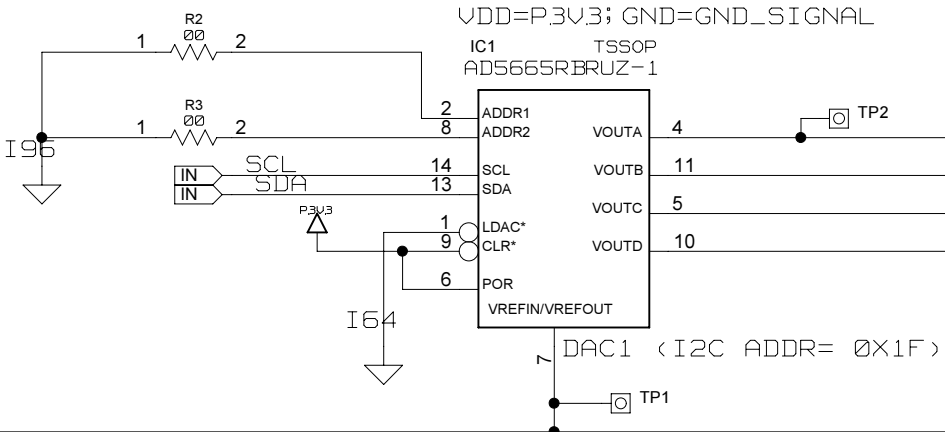
A

B

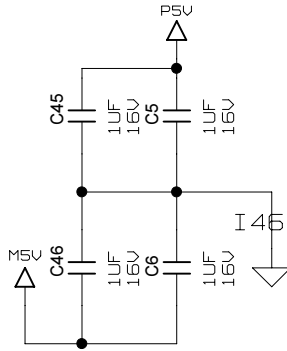
C

A 2

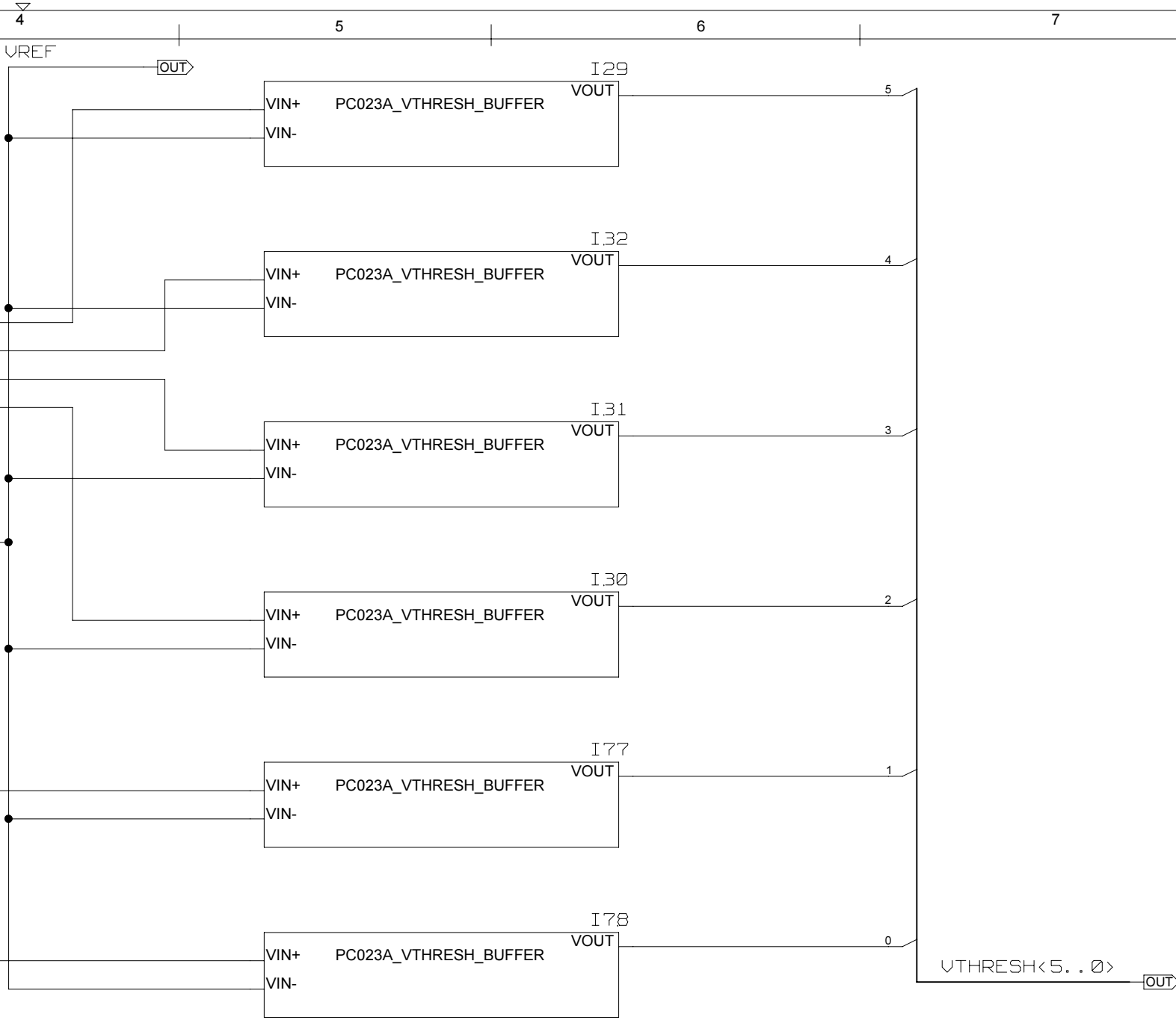
TEST-POINT FOR ONE ADC CHANNEL;
ASSUME IS ONE WORKS THEY ALL DO



DECOUPLING FOR AD5665

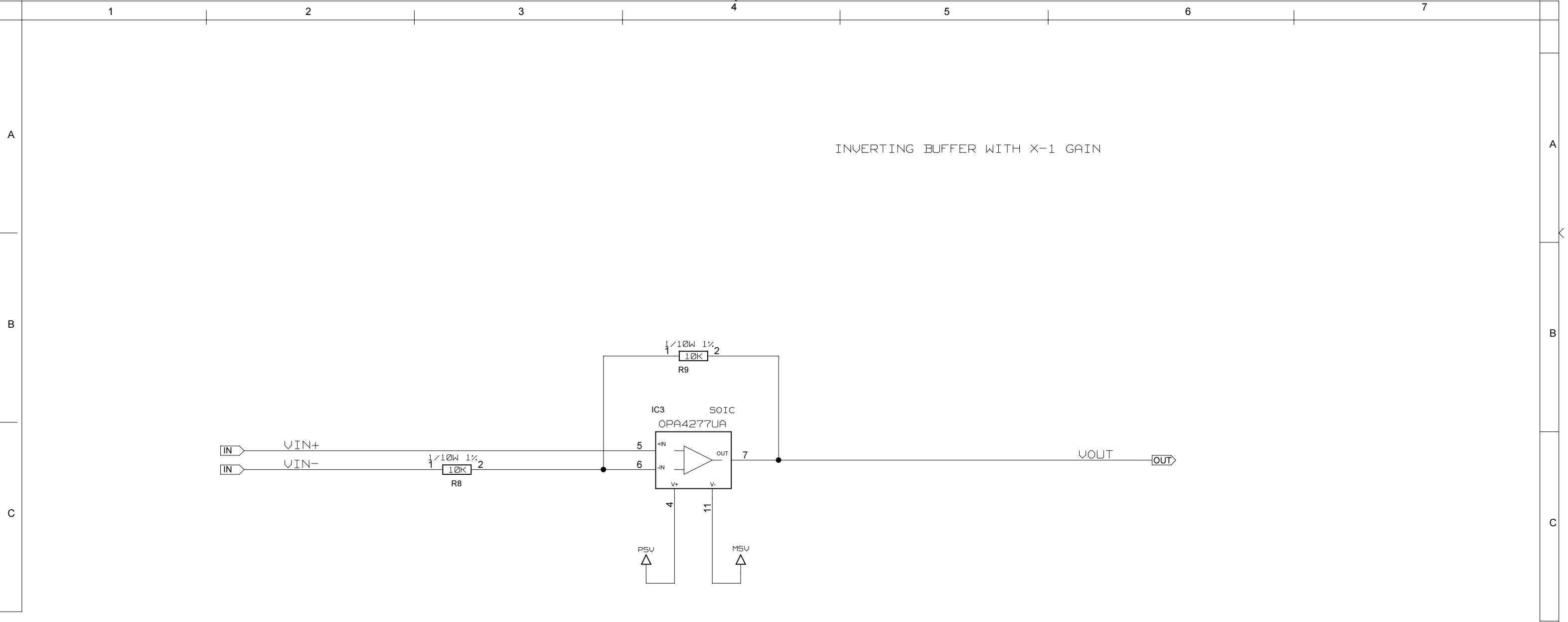


OP-AMPS IN A SINGLE OPA4277
DECOUPLING FOR THE FOUR AMP-AMPS IN A SINGLE OP4277

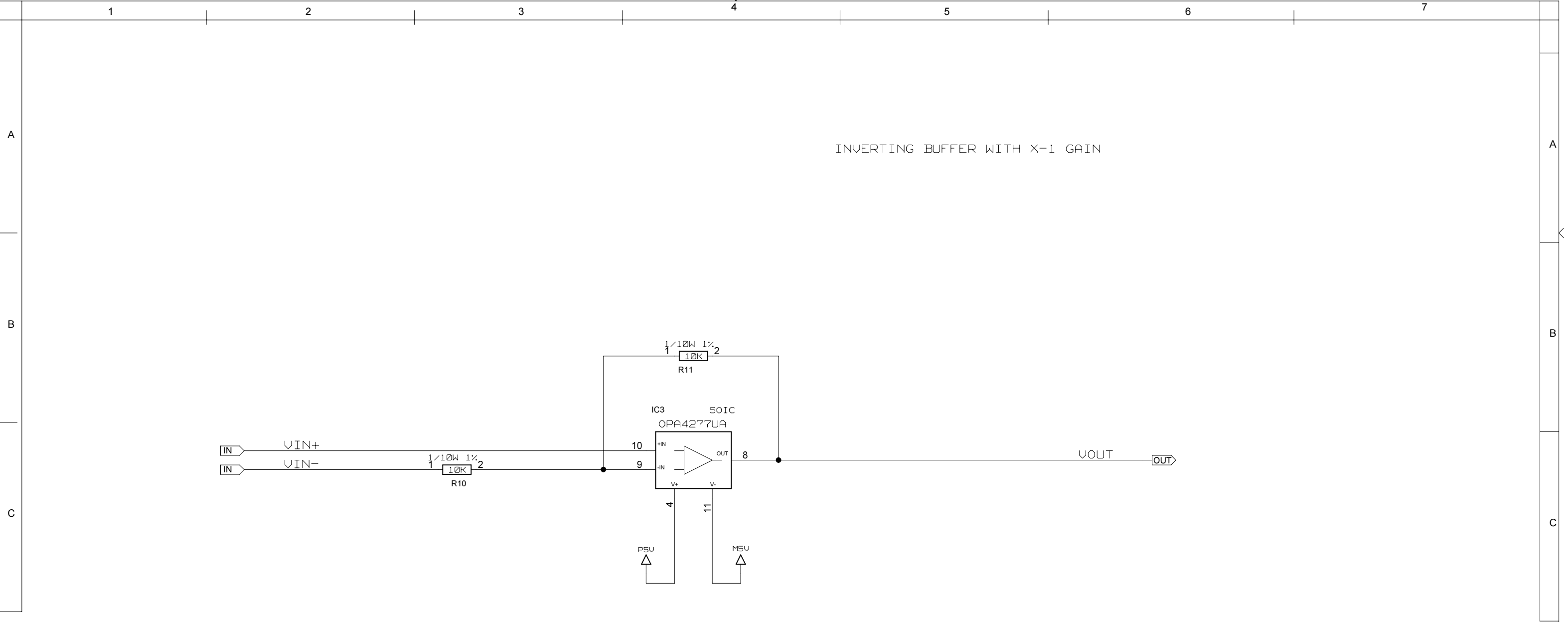


	Tue May 02 14:31:00 2017					
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HIGH ENERGY PHYSICS GROUP						
TITLE		fmc_tlu_v1_lib				
MODULE:		fmc_tlu_dac_vthresh				
A2	MODULE PAGE: 1 OF 1					
	OVERALL PAGE: 18 OF 29					
TOTAL NO. OF SHEETS						

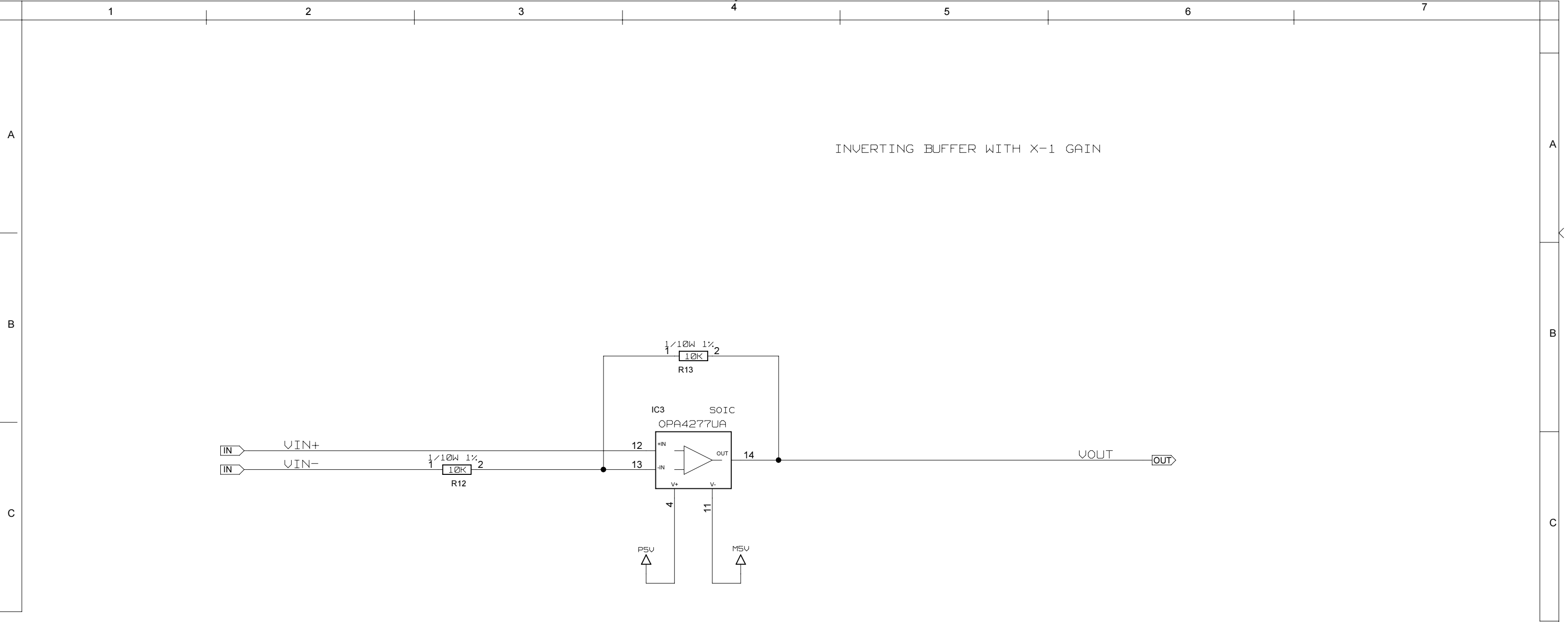
TOTAL NO. OF SHEETS



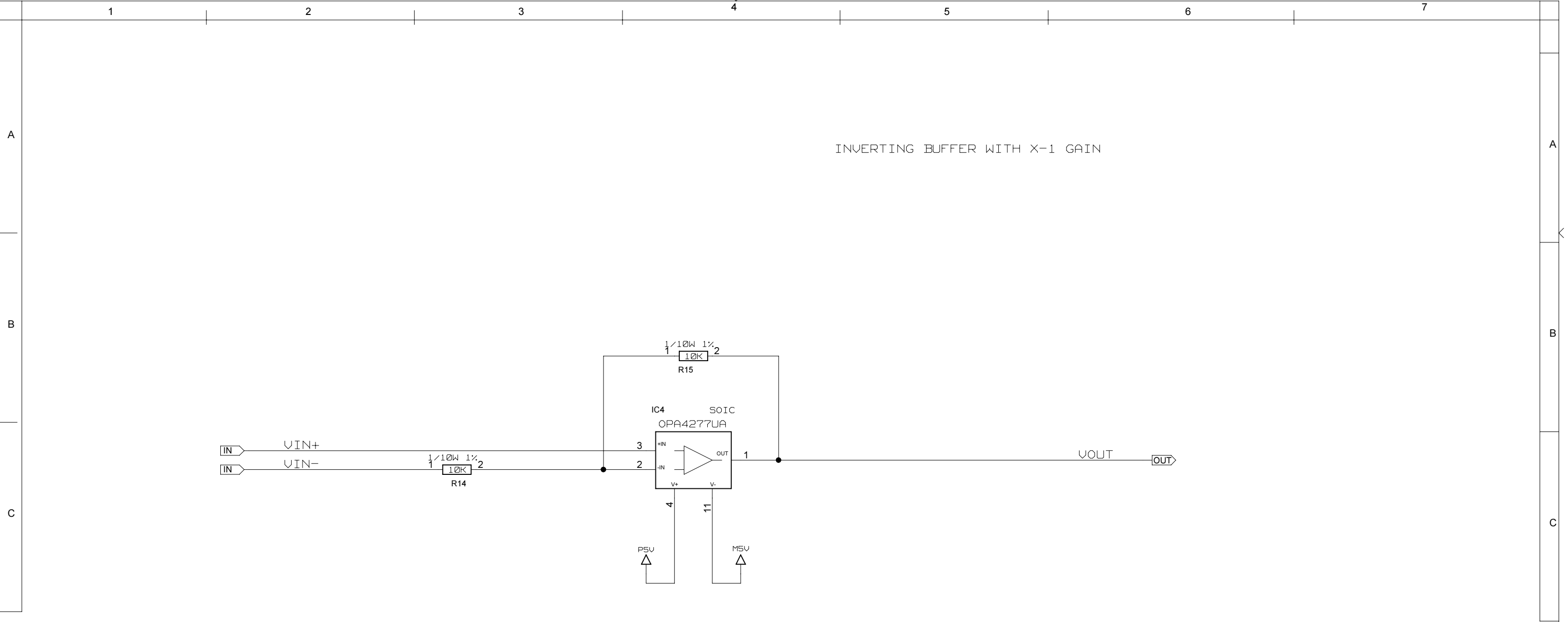
	Mon Mar 27 17:58:27 2017					
ISSUE	DATE	MOD NO.	DRN BY.	CHKD.	APPD.	STATUS
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UOB-HEP		H.H.WILLS PHYSICS LAB, TYNDALL AVE, BRISTOL, BS8 1TL.				
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HIGH ENERGY PHYSICS GROUP						
TITLE		fmc_tlu_v1.lib				
MODULE:		pc023a_vthresh_buffer				
A2		MODULE PAGE: 1 OF 1 OVERALL PAGE: 20 OF 29				
		TOTAL NO. OF SHEETS				



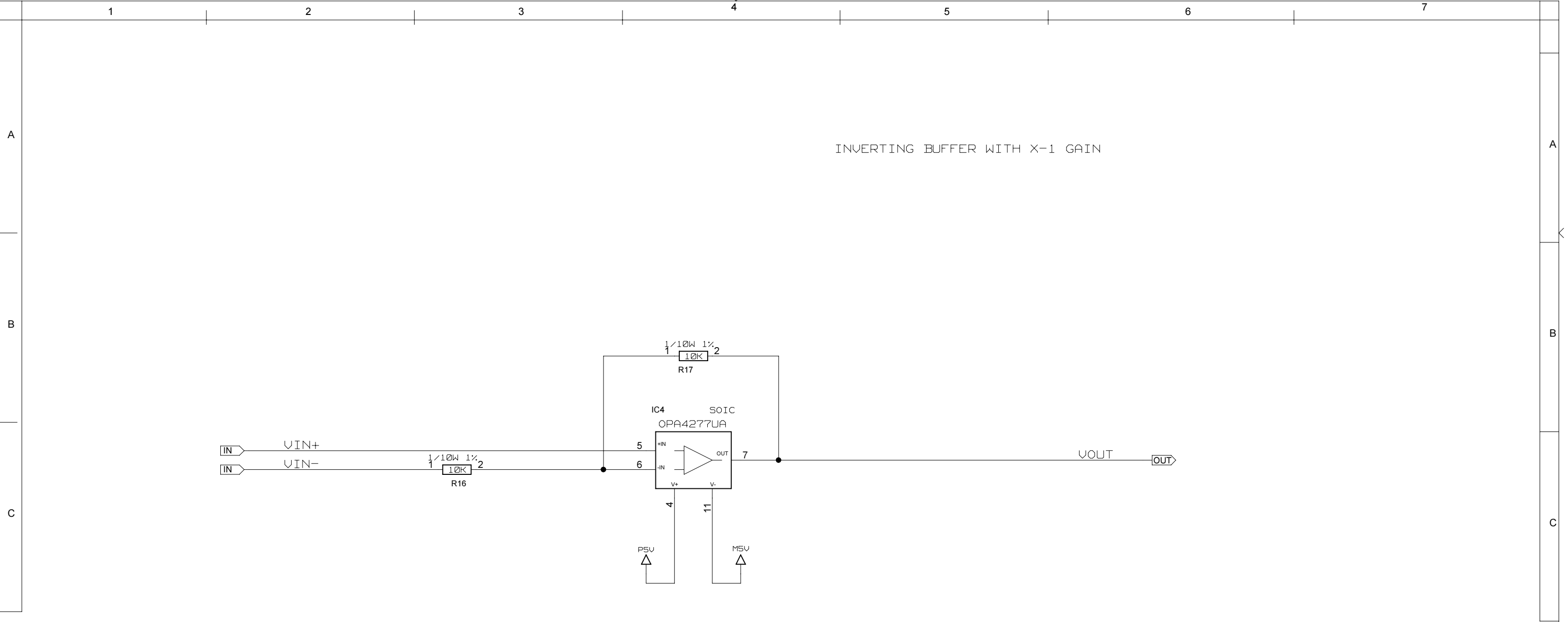
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HIGH ENERGY PHYSICS GROUP						
TITLE		fmc_tlu_v1.lib				
MODULE:		pc023a_vthresh_buffer				
A2		MODULE PAGE: 1 OF 1 OVERALL PAGE: 21 OF 29				
		TOTAL NO. OF SHEETS				



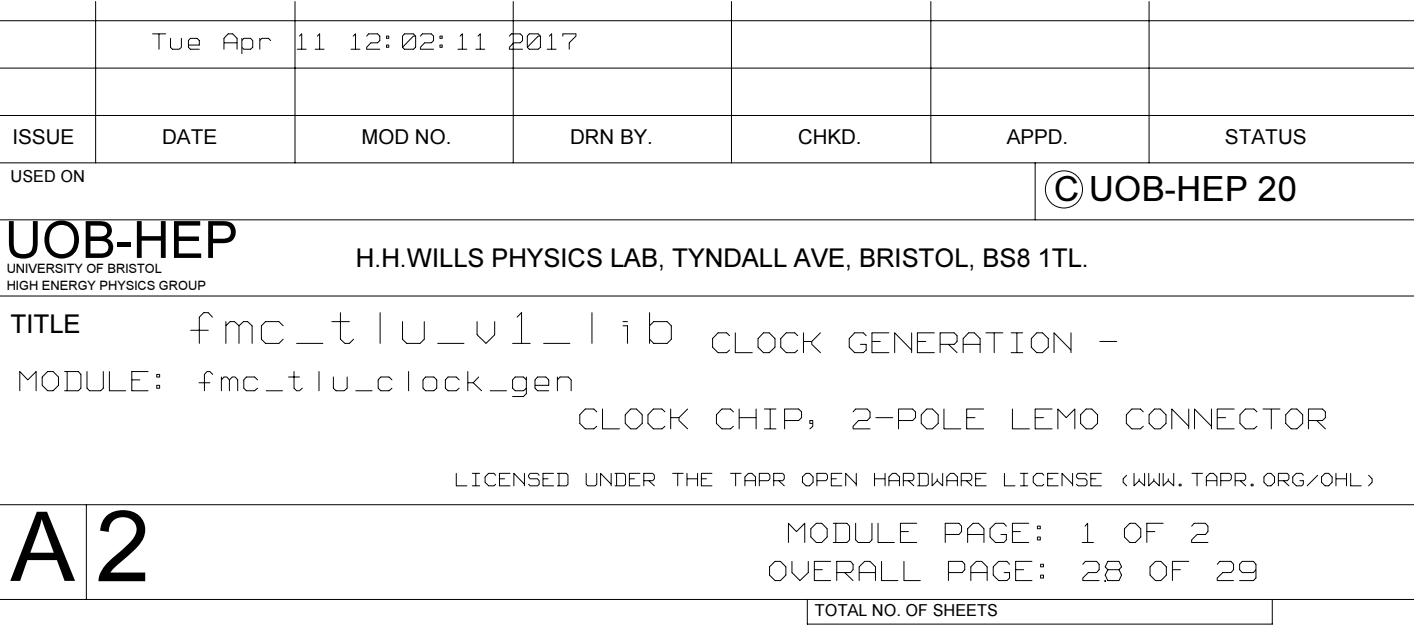
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TITLE		fmc_tlu_v1_lib				
MODULE:		pc023a_vthresh_buffer				
A2		MODULE PAGE: 1 OF 1 OVERALL PAGE: 22 OF 29				
		TOTAL NO. OF SHEETS				

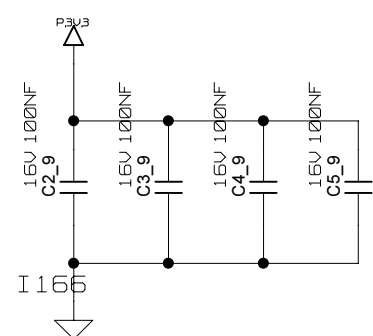
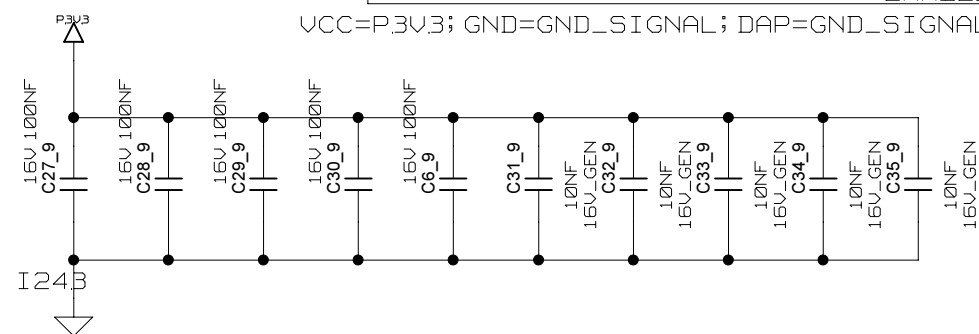
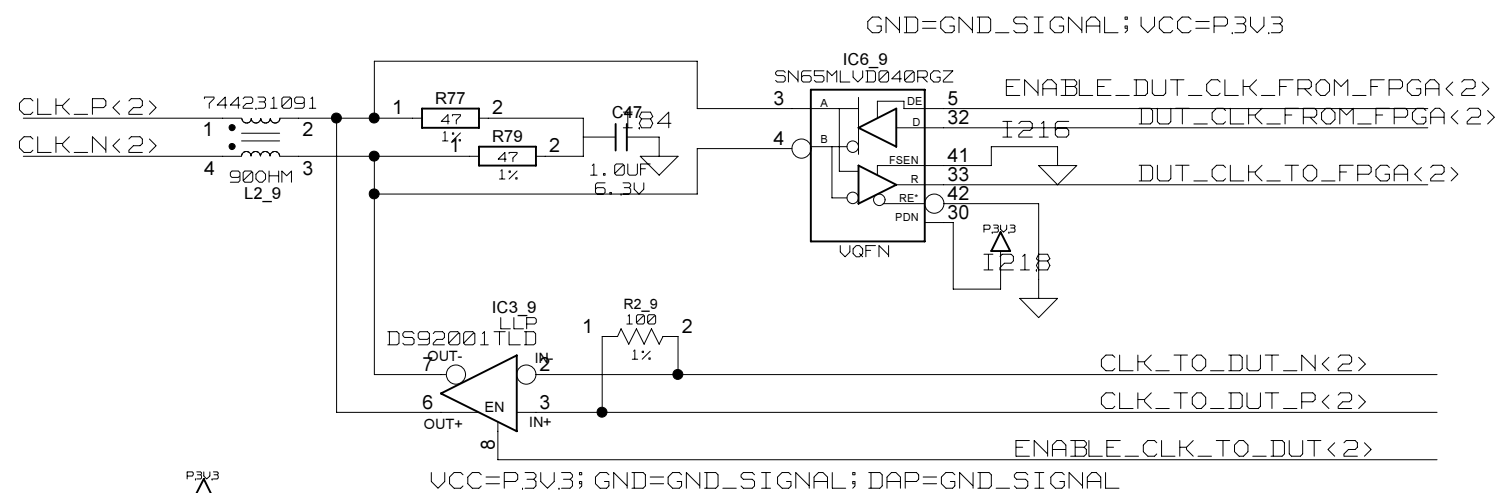
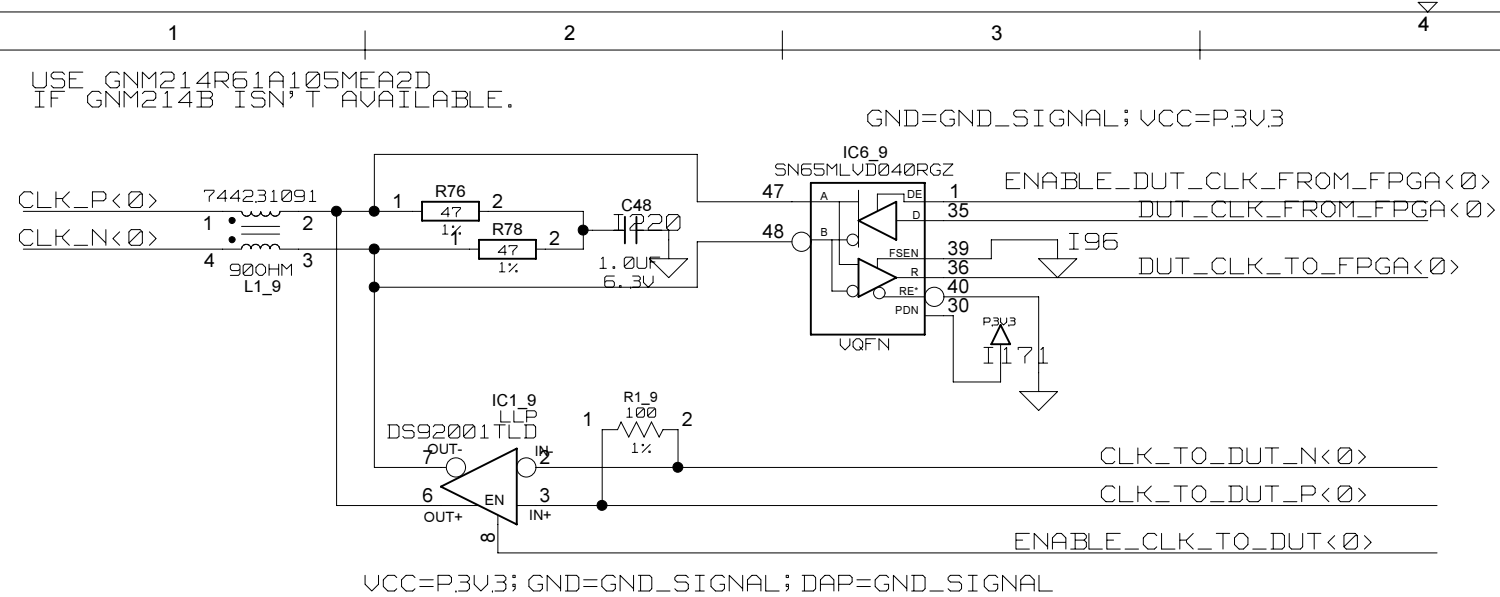


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TITLE		fmc_tlu_v1.lib				
MODULE:		pc023a_vthresh_buffer				
A2		MODULE PAGE: 1 OF 1 OVERALL PAGE: 23 OF 29				
		TOTAL NO. OF SHEETS				



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TITLE		fmc_tlu_v1.lib				
MODULE:		pc023a_vthresh_buffer				
A2		MODULE PAGE: 1 OF 1 OVERALL PAGE: 24 OF 29				
		TOTAL NO. OF SHEETS				





CLK_P<3..0>

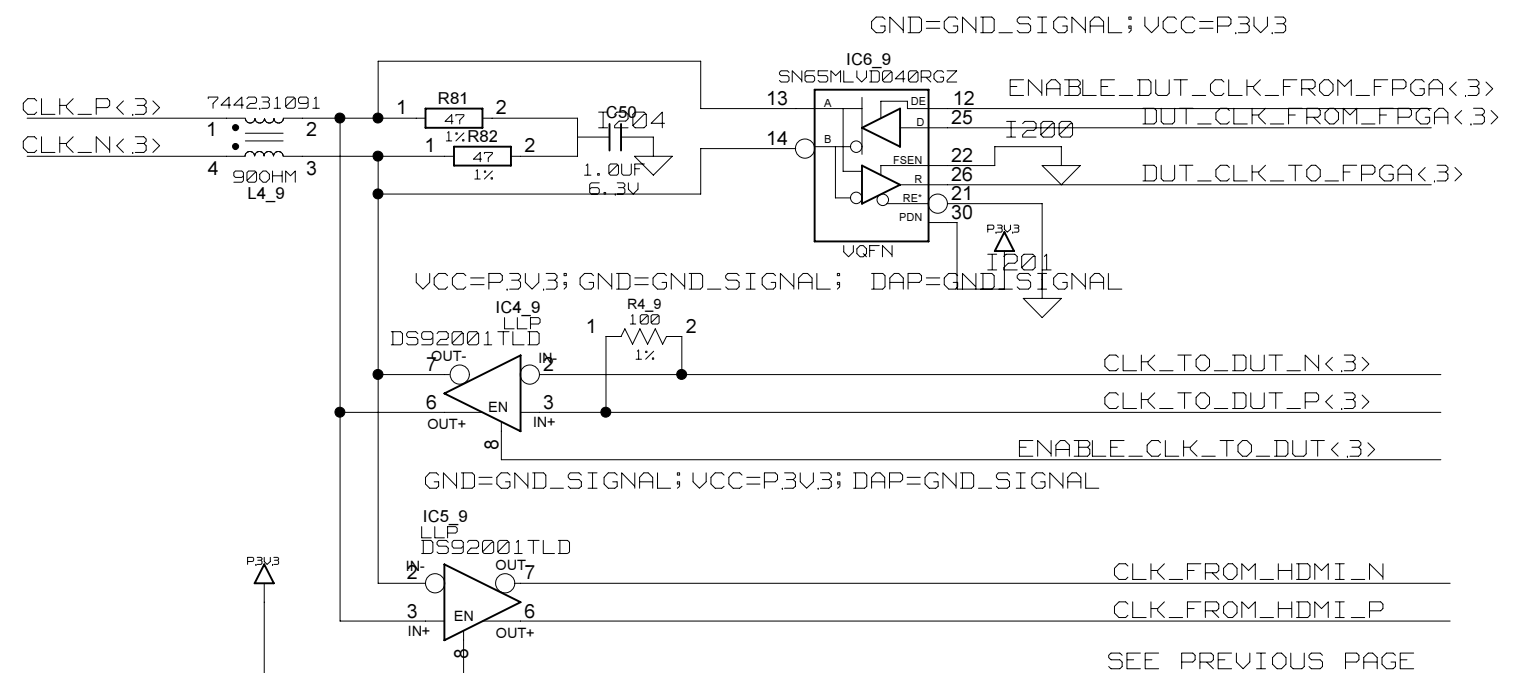
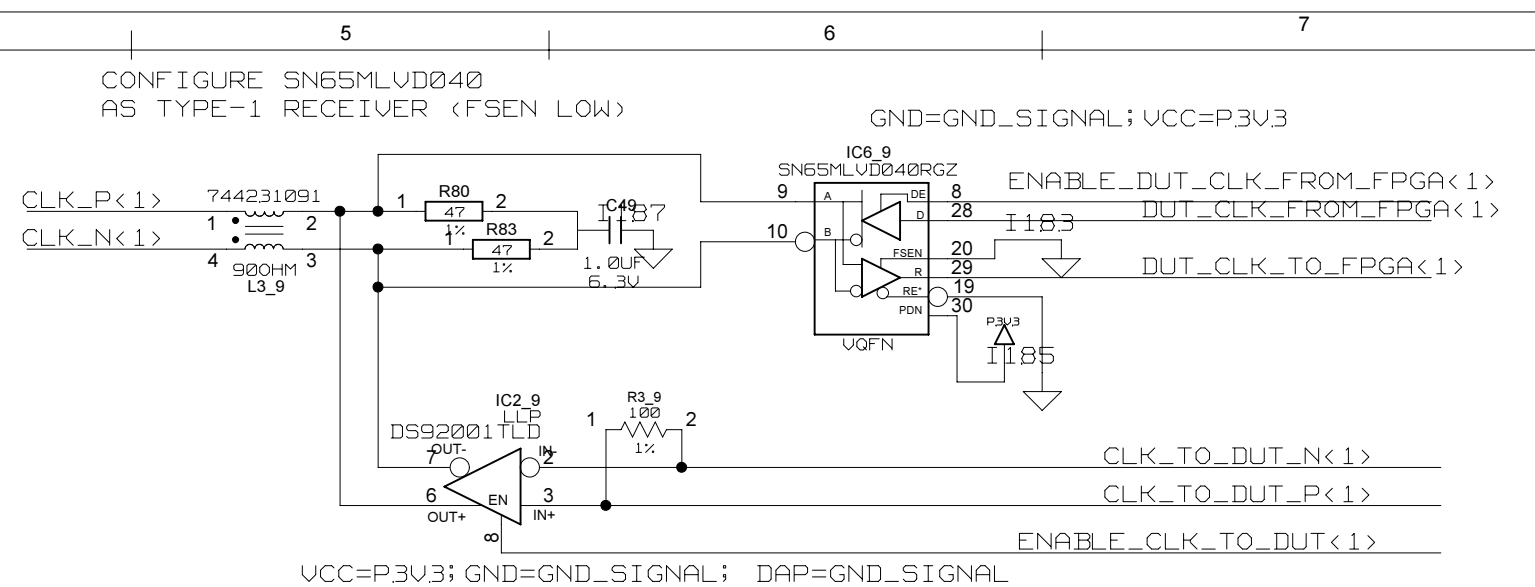
CLK_N<3..0>

ENABLE_DUT_CLK_FROM_FPGA<3..0>

DUT_CLK_FROM_FPGA<3..0> IN

DUT_CLK_TO_FPGA<3..0>

ENABLE_CLK_TO_DUT<3..0>



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TITLE	fmc_tlu_v1_lib	CLOCK GENERATION -
MODULE:	fmc_tlu_clock_gen	I/O BUFFERS AND LEVEL TRANSLATORS

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MODULE PAGE: 2 OF 2
OVERALL PAGE: 29 OF 29

TOTAL NO. OF SHEETS
