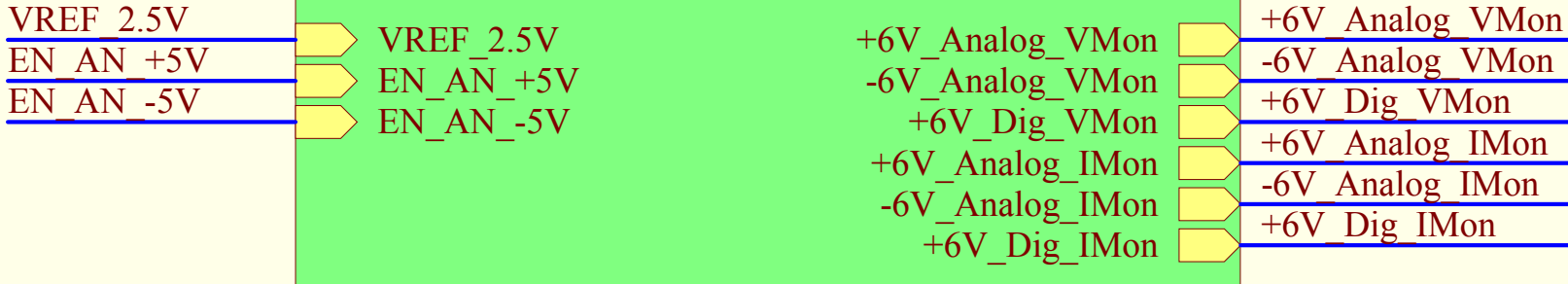


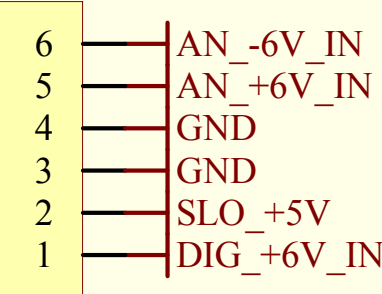
REGULATORS

T2K ASUM TEST - Regulators.SCHDOC



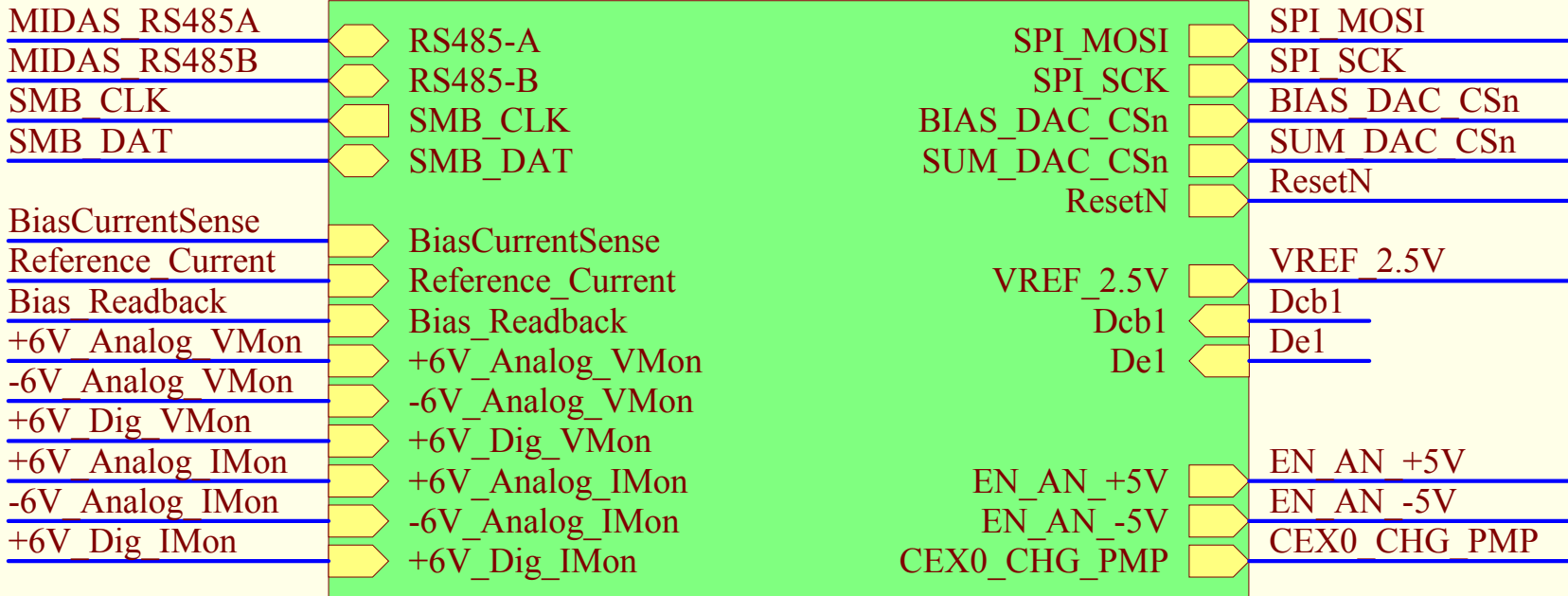
J1

POWER



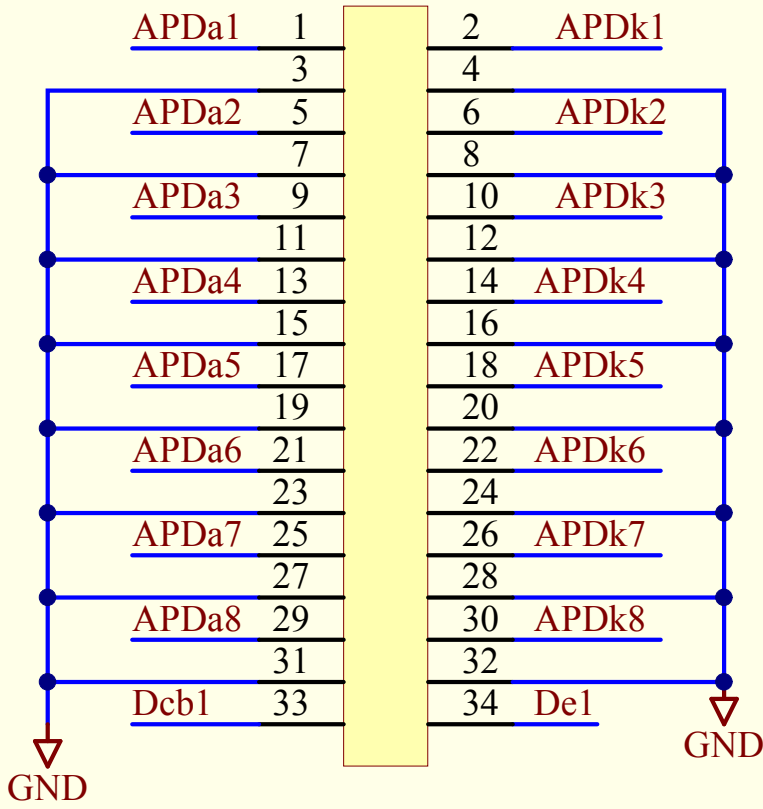
MIDAS_CPU

T2K ASUM TEST - MIDAS Slow Control.SCHDOC



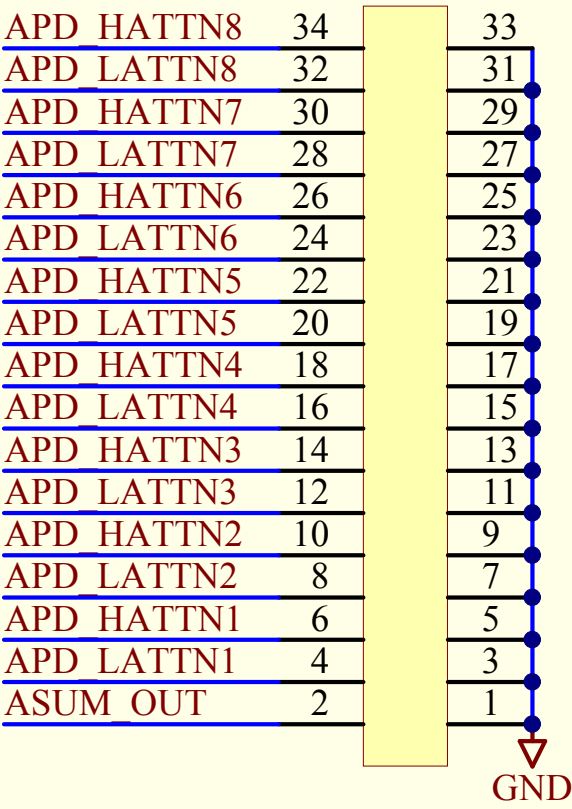
J3

Amplifier Input



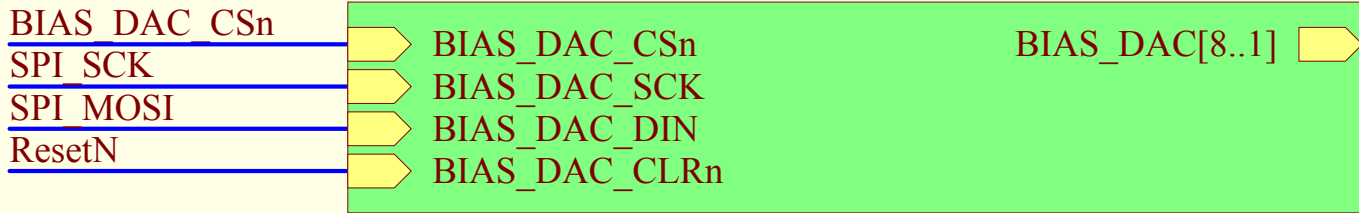
J4

SCA OUTPUT



BIAS_DAC

T2K ASUM TEST - 8 Channel Bias Control.SCHDOC



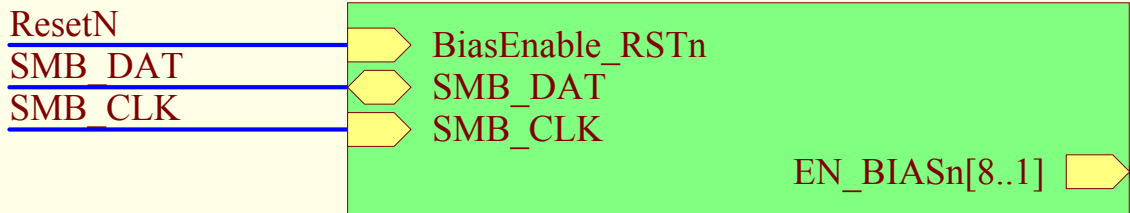
REPEAT(FIL,1,8)

T2K ASUM TEST- DAC Filter.SCHDOC



BIAS_EN

T2K ASUM TEST - Bias Enable.SCHDOC



BIAS_SW

T2K ASUM TEST - 8 Channel MOSFET Switch.SCHDOC



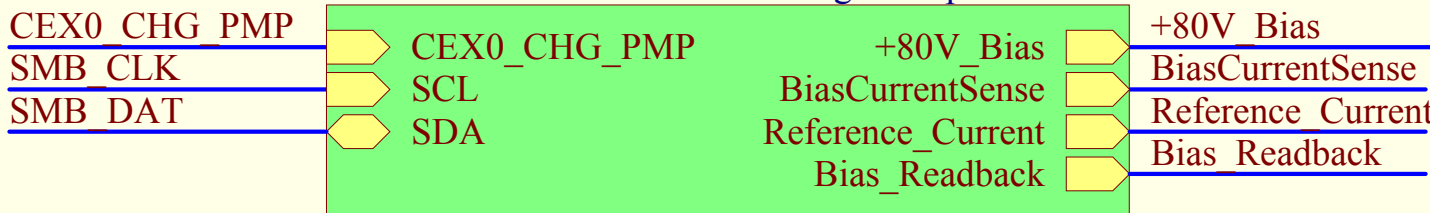
Repeat(DIV,1,8)

T2K ASUM TEST - APD Inputs - Charge Division.SCHDOC



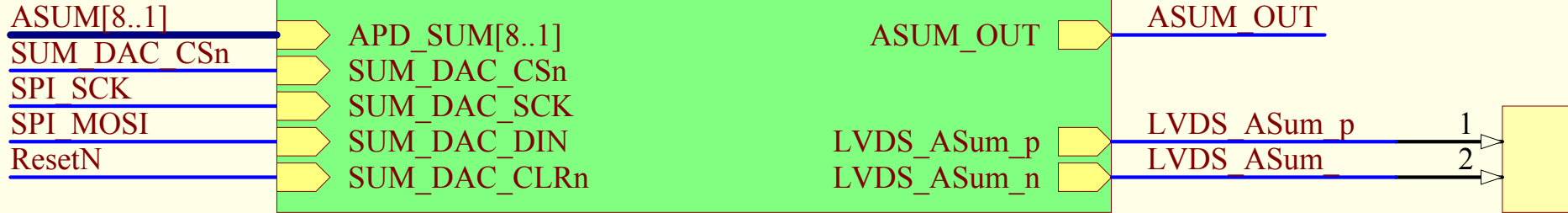
CHRG_PUMP

T2K ASUM TEST - 80 Volt Charge Pump.SCHDOC



APD_SUM

T2K ASUM TEST - SUM.SCHDOC




ADAPTER

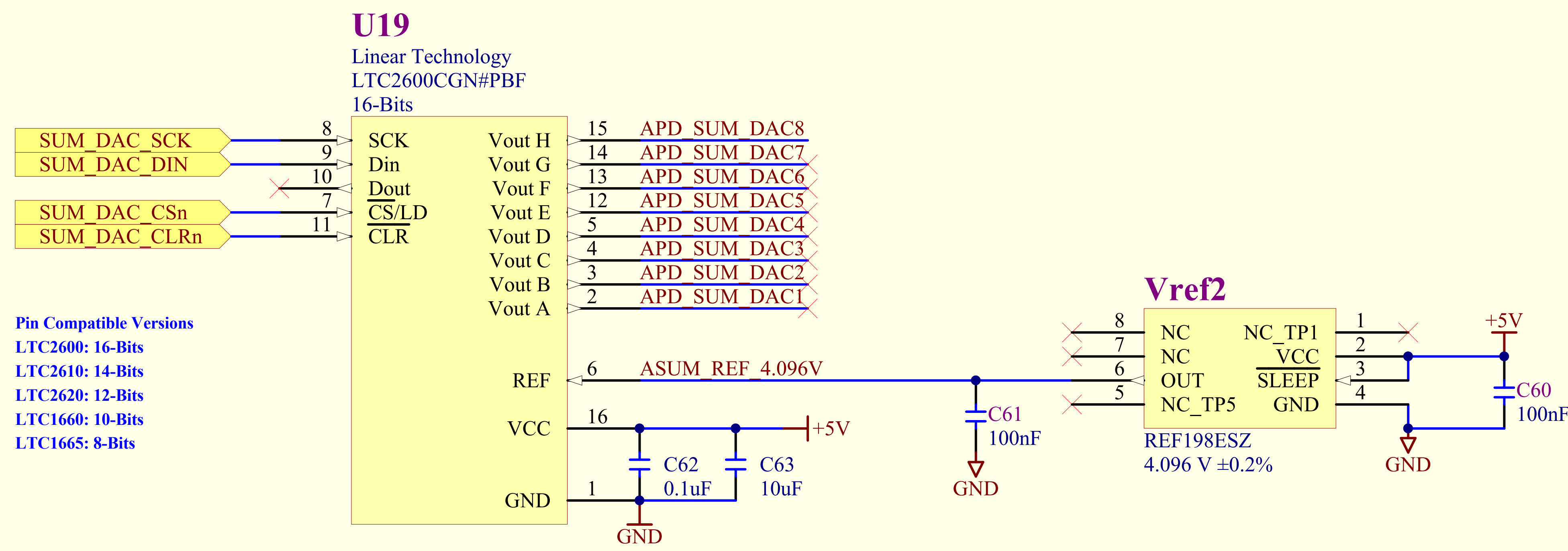
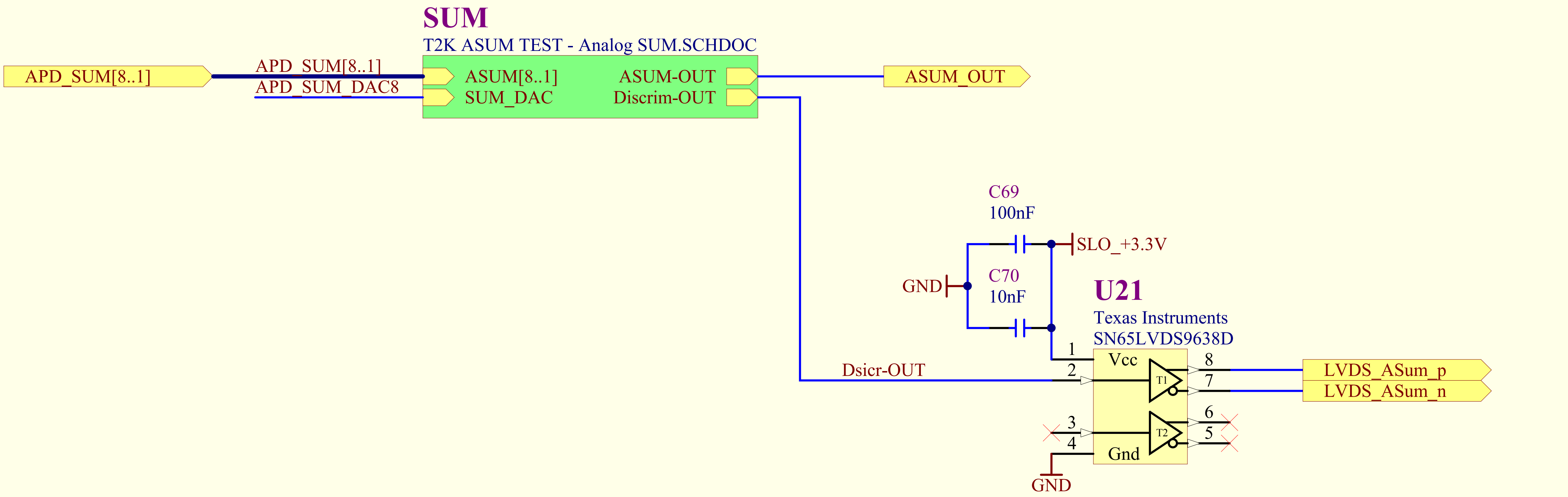
T2K ASUM TEST - ADAPTER.SCHDOC



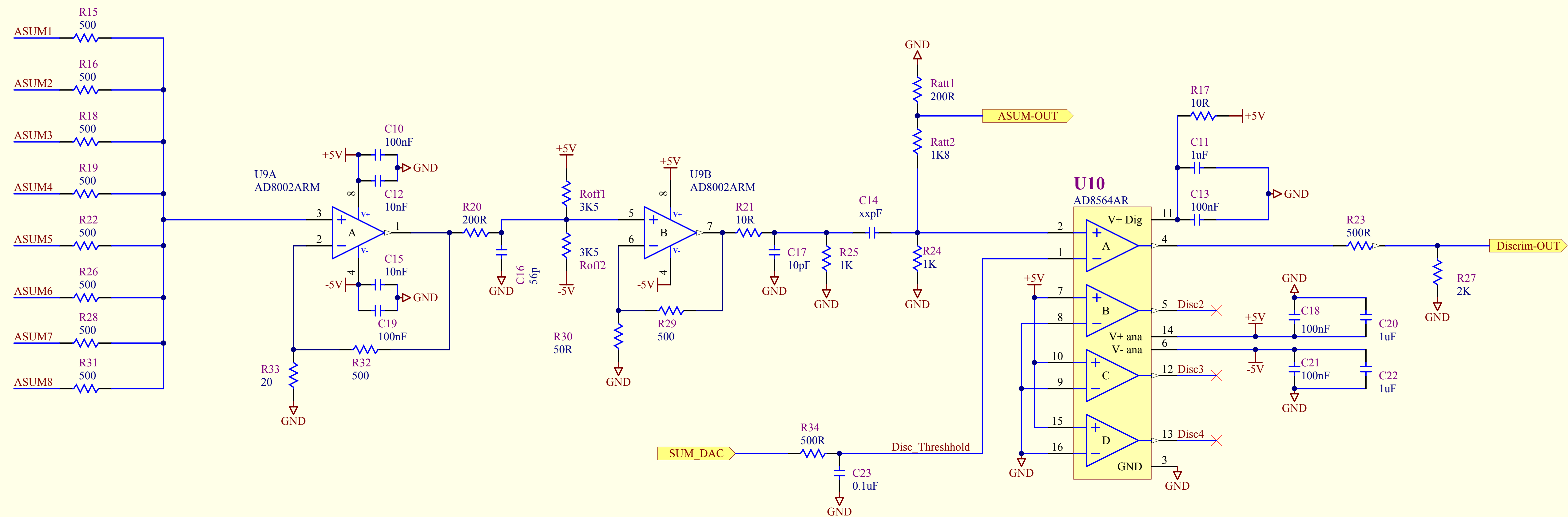
J2

ASUM

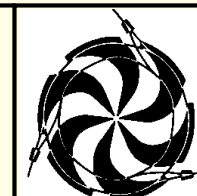
T2K ASUM TEST - Top Level					TRIUMF LOGO
Revision 0	Drawing #: 3		TRIUMF 4004 Westbrook Mall Vancouver, B.C. Canada V6T 2A3		
	Sheet #: 3	of 12	Size: B		
	Drawn by: D.Bishop		Date: 5/23/2007		
File: G:\AHWT\T2K\T2K - ASUM TEST\T2K ASUM TEST - Top Level.SCHDOC					8:05:33 PM

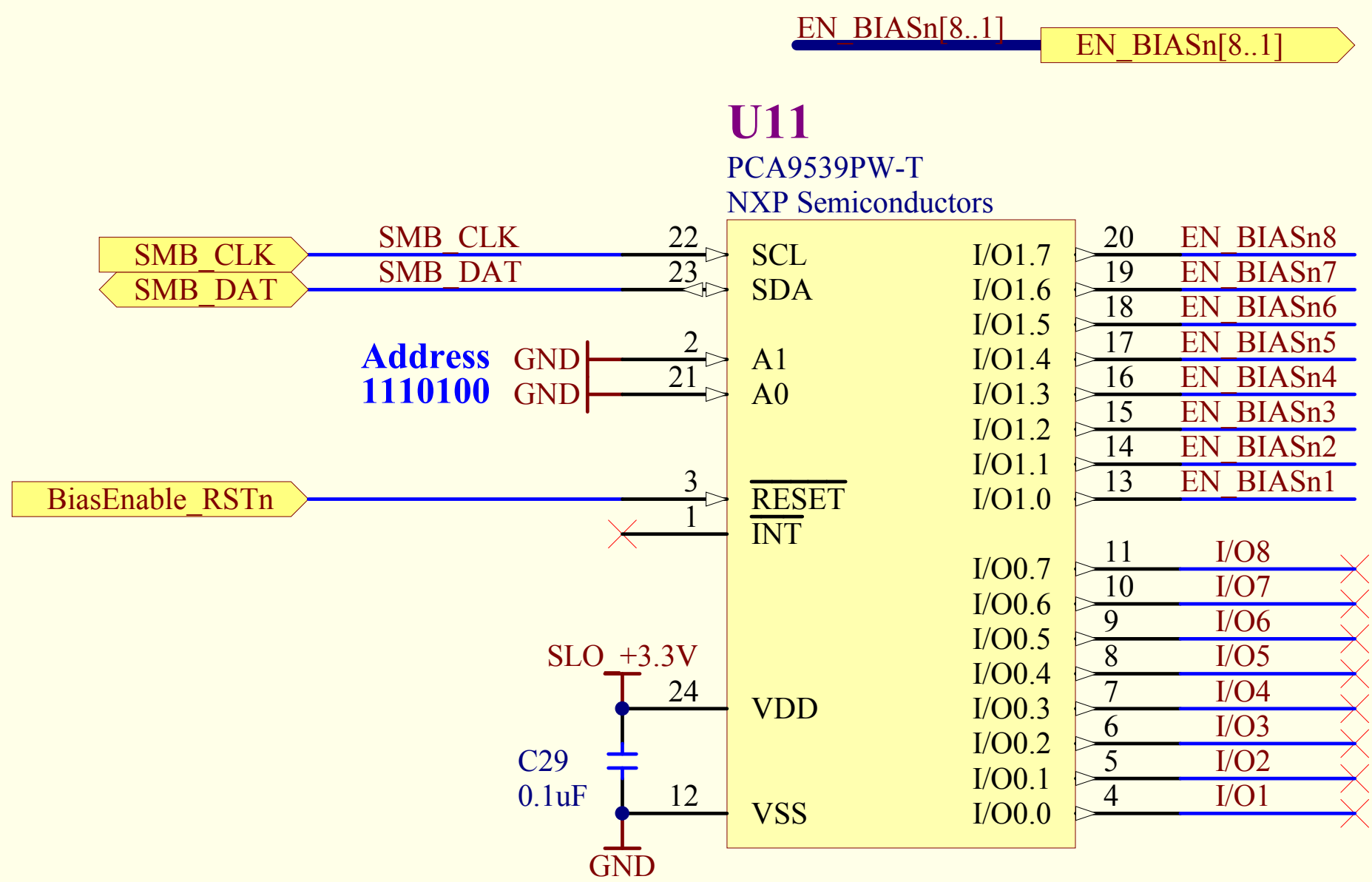


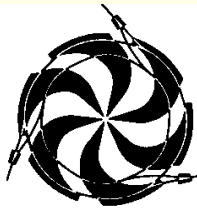
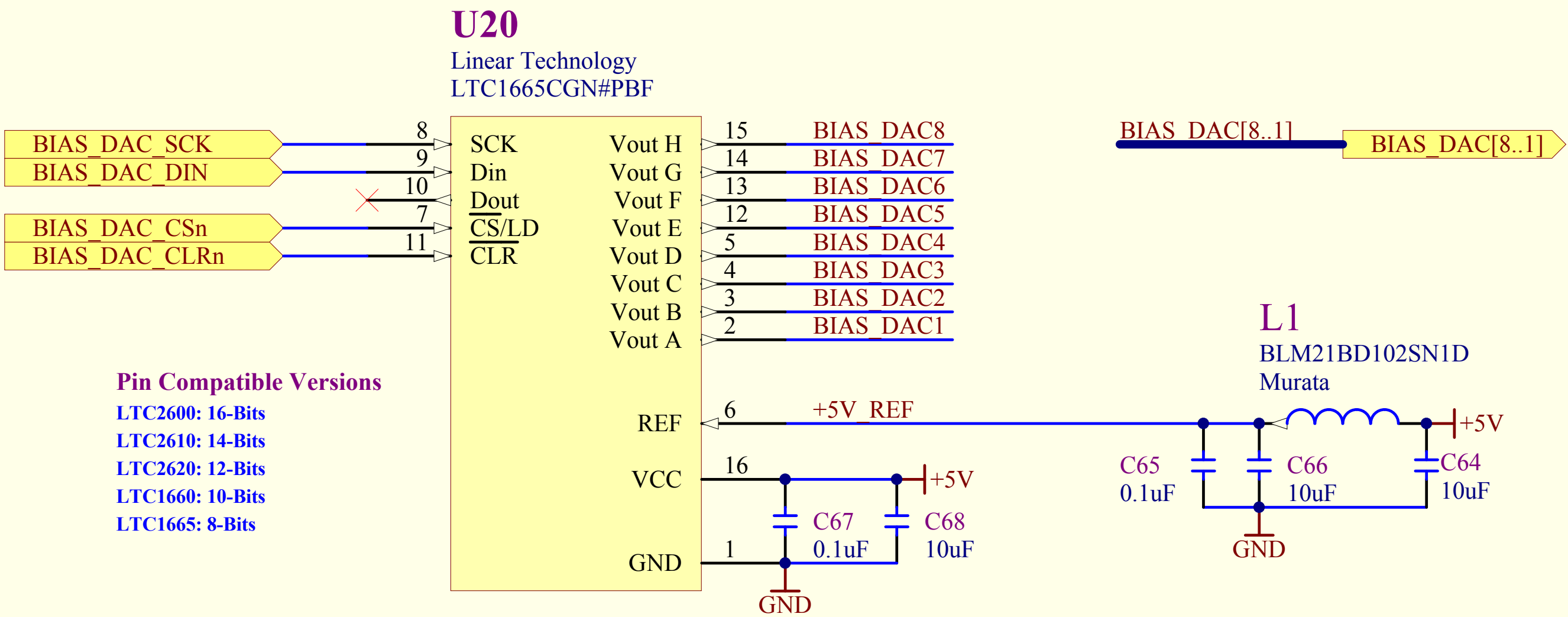
ASUM[8..1] ASUM[8..1]

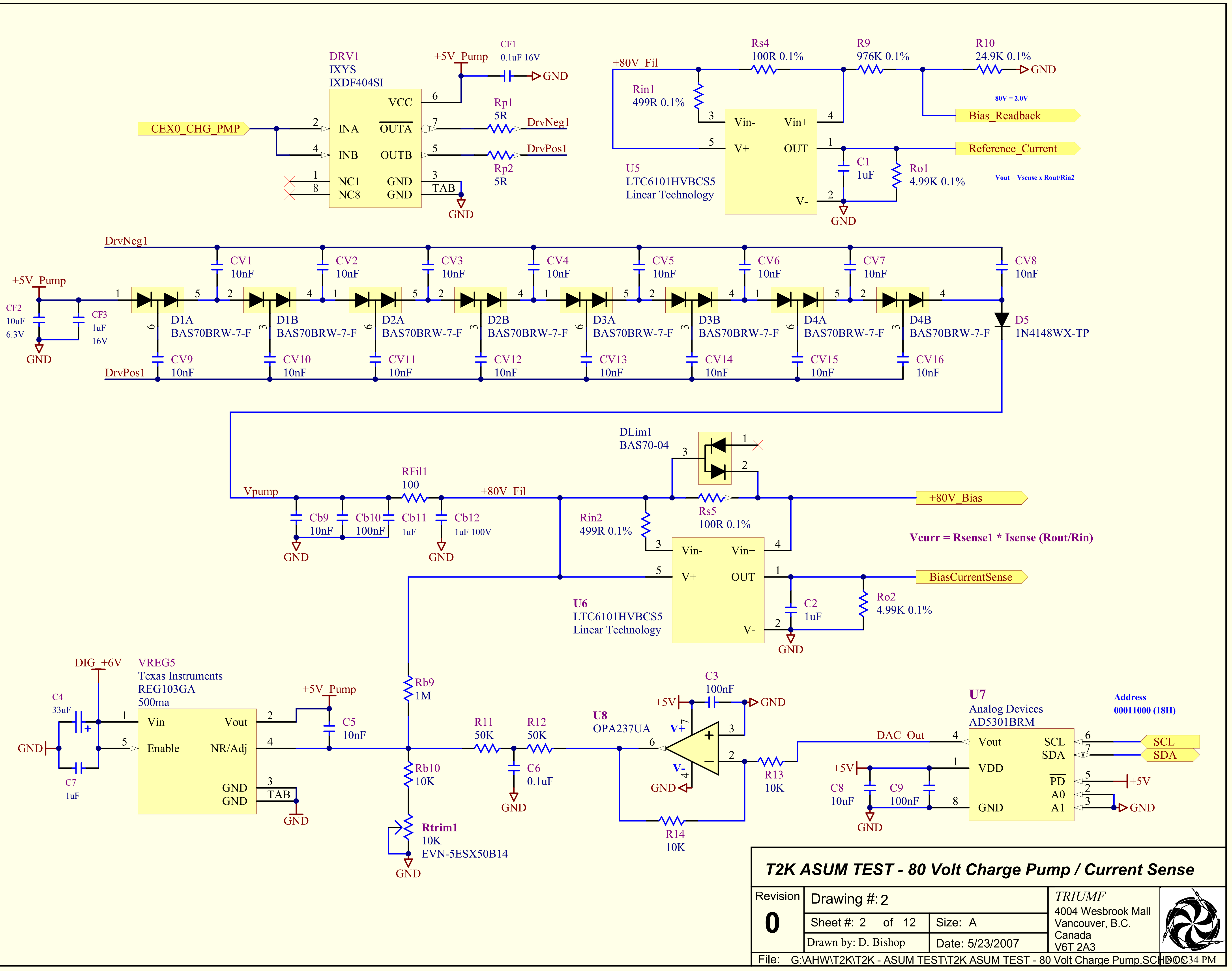


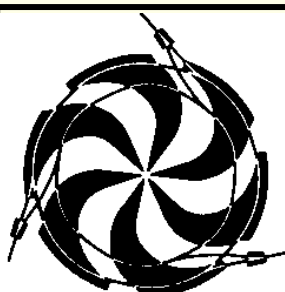
T2K ASUM TEST- OP Amps / Discriminator

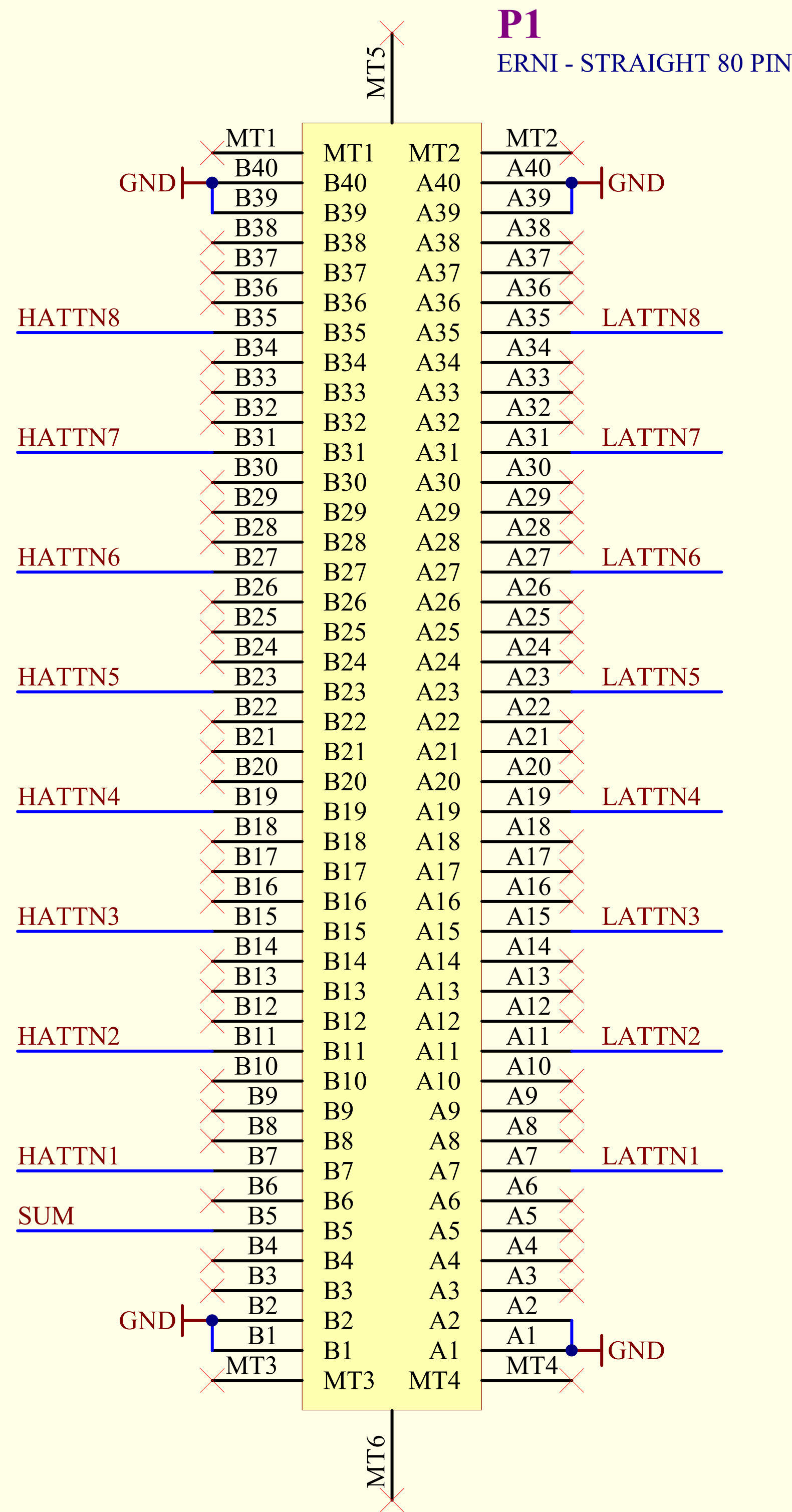
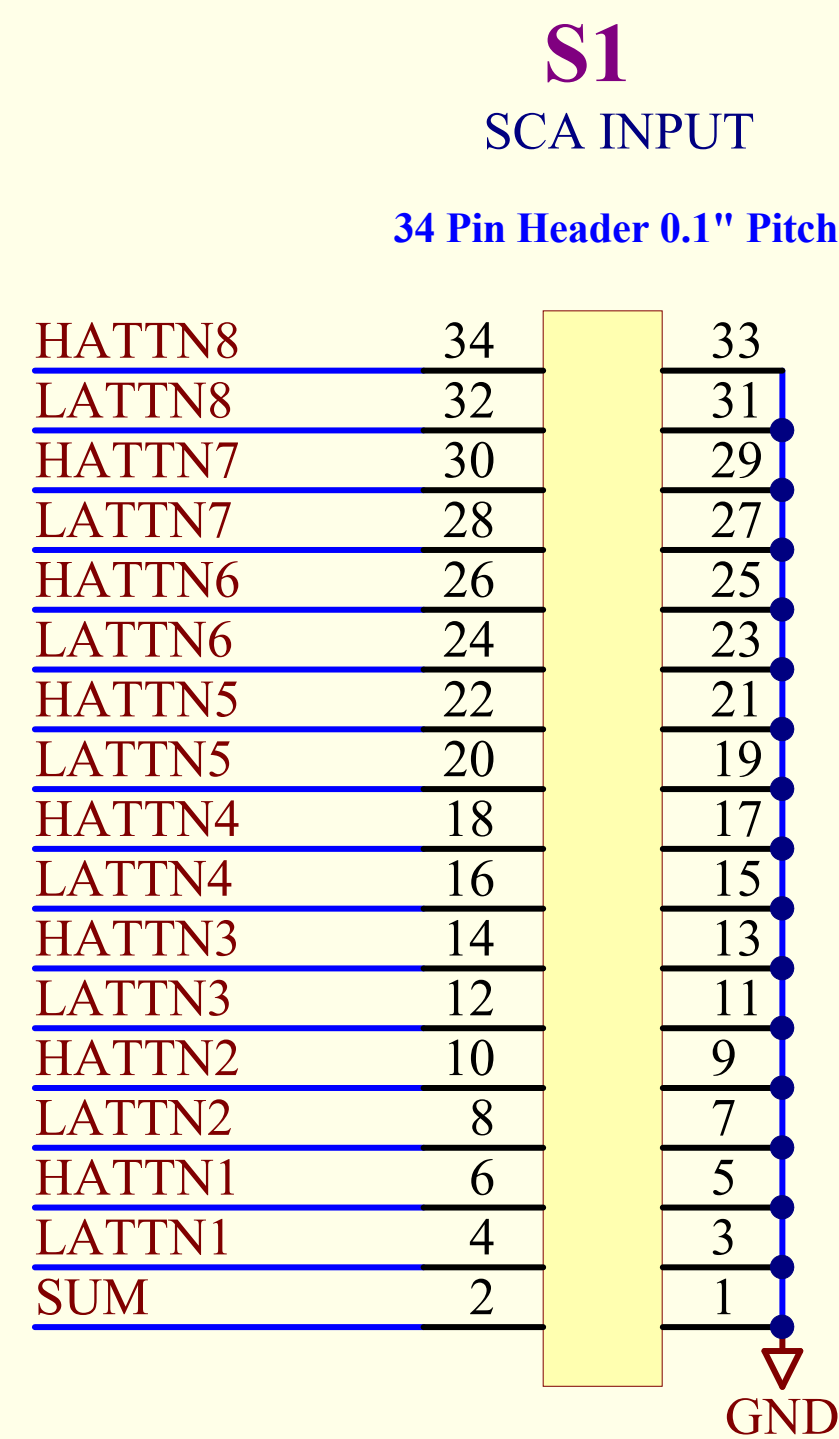
Revision 0	Drawing #: 9		TRIUMF 4004 Westbrook Mall Vancouver, B.C. Canada V6T 2A3		
	Sheet #: 9 of 12	Size: B			
	Drawn by: D. Bishop	Date: 5/23/2007			
File: G:\AHWIT2KIT2K - ASUM TEST\T2K ASUM TEST - Analog SUM.SCHDOC					8:05:33 PM

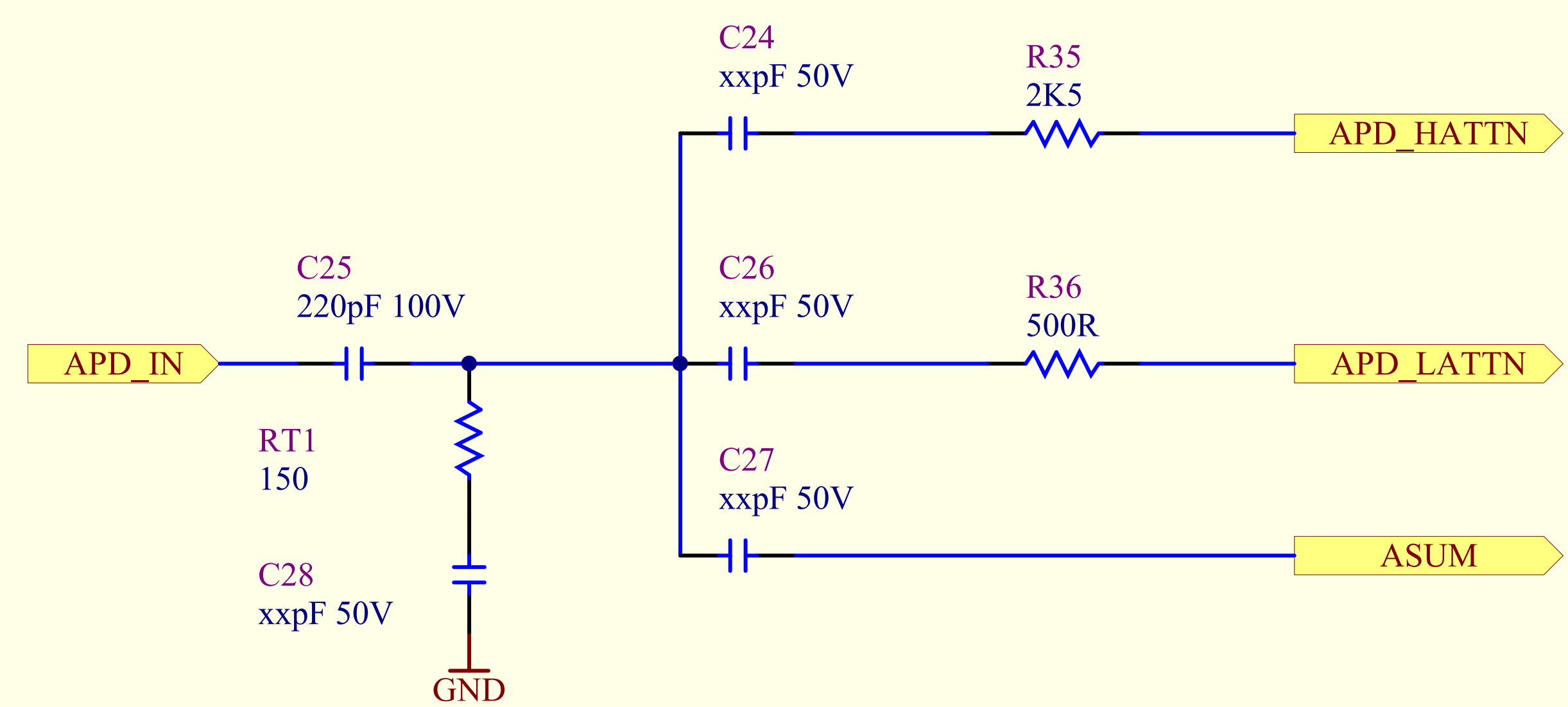


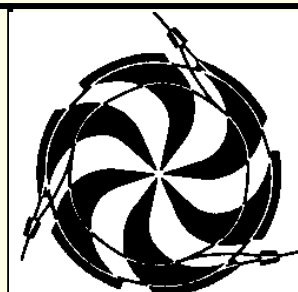


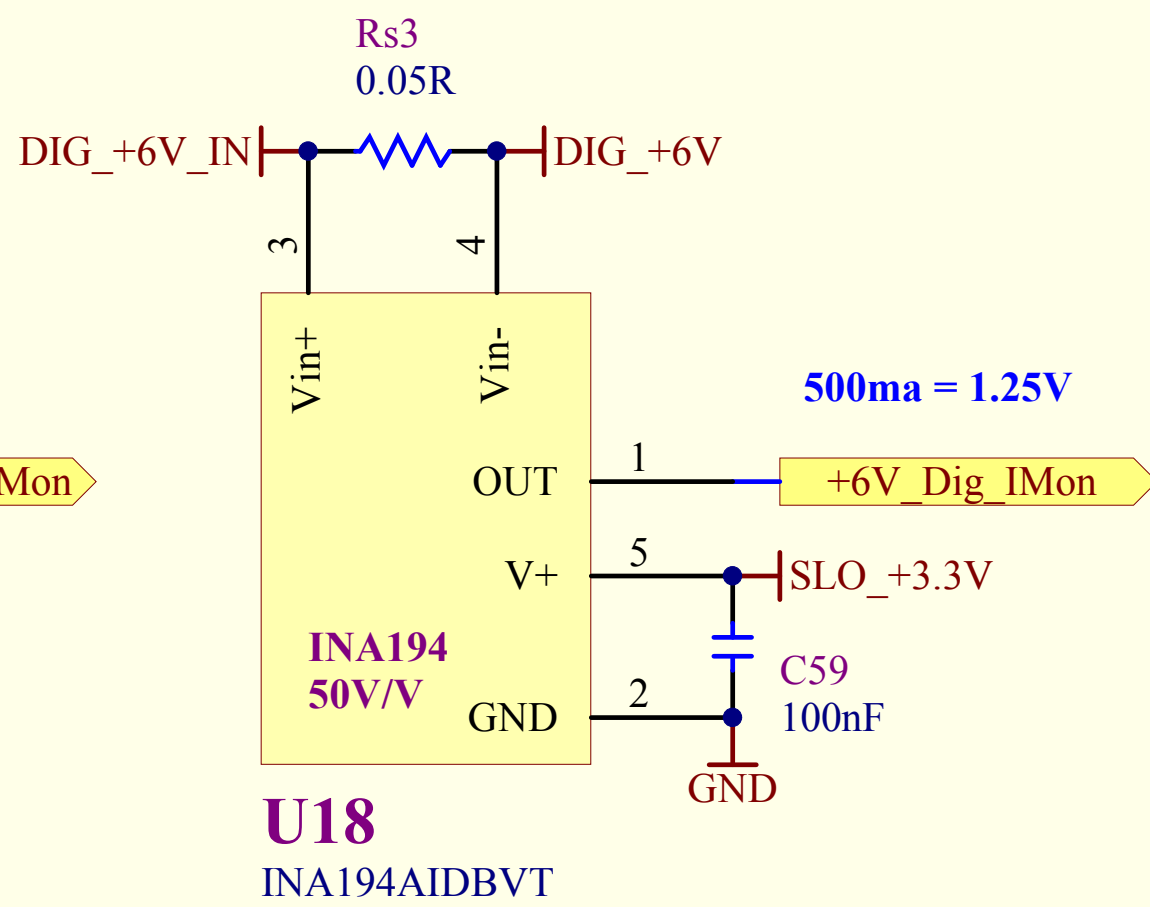
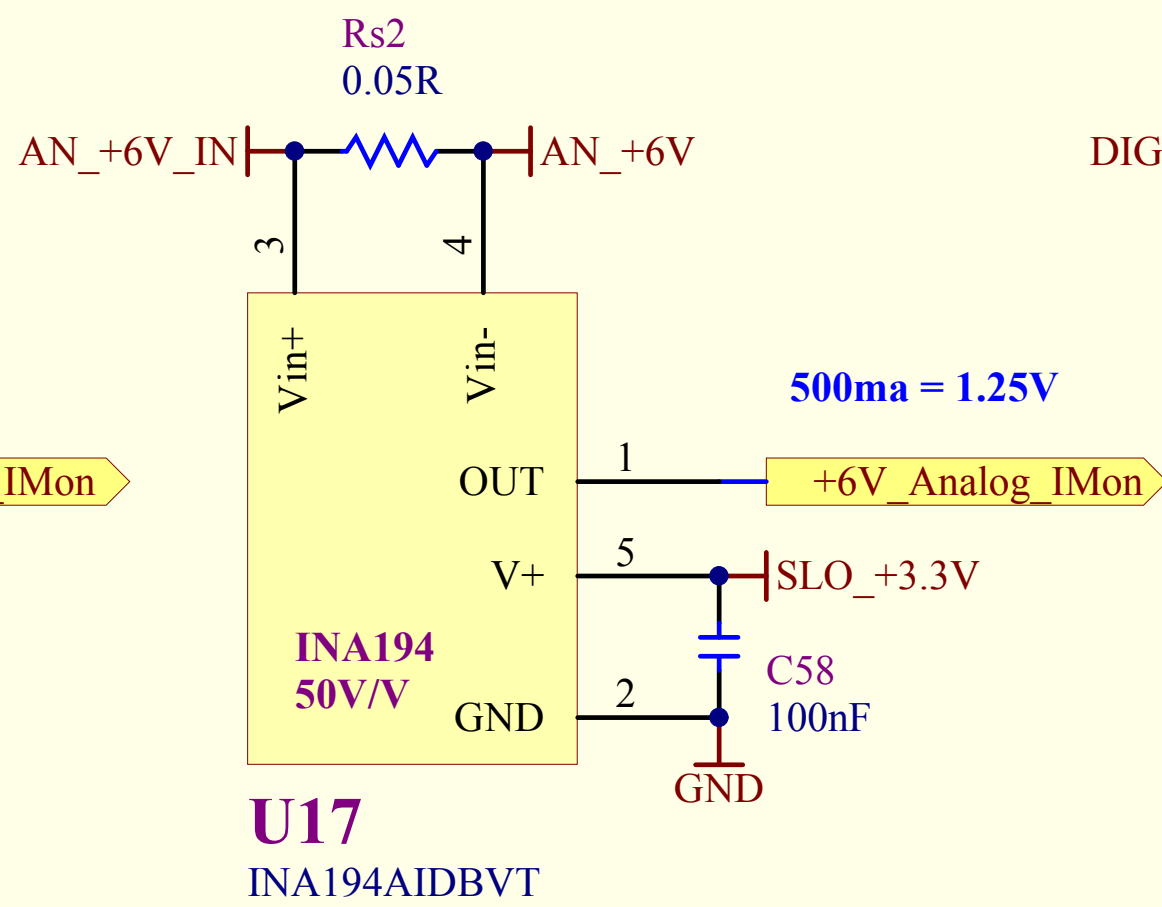
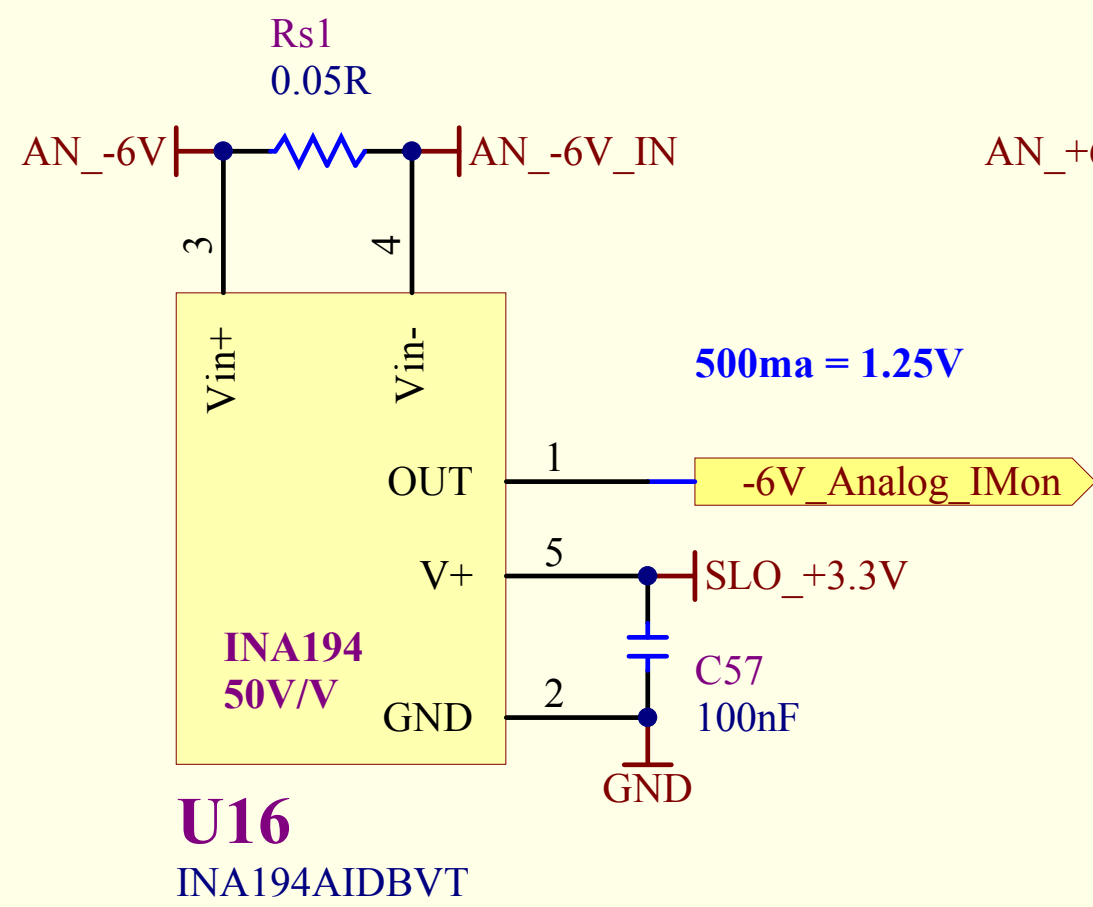
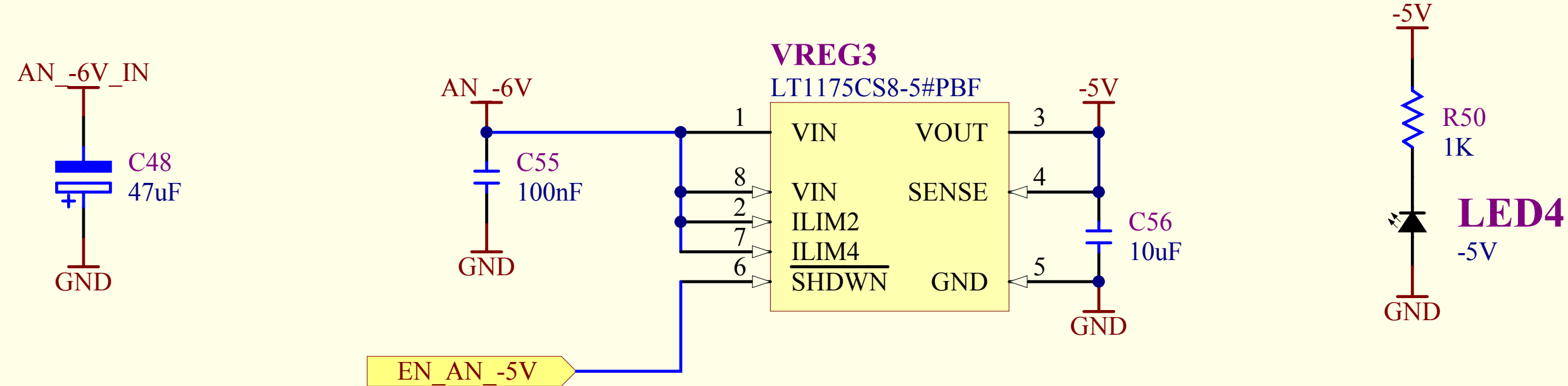
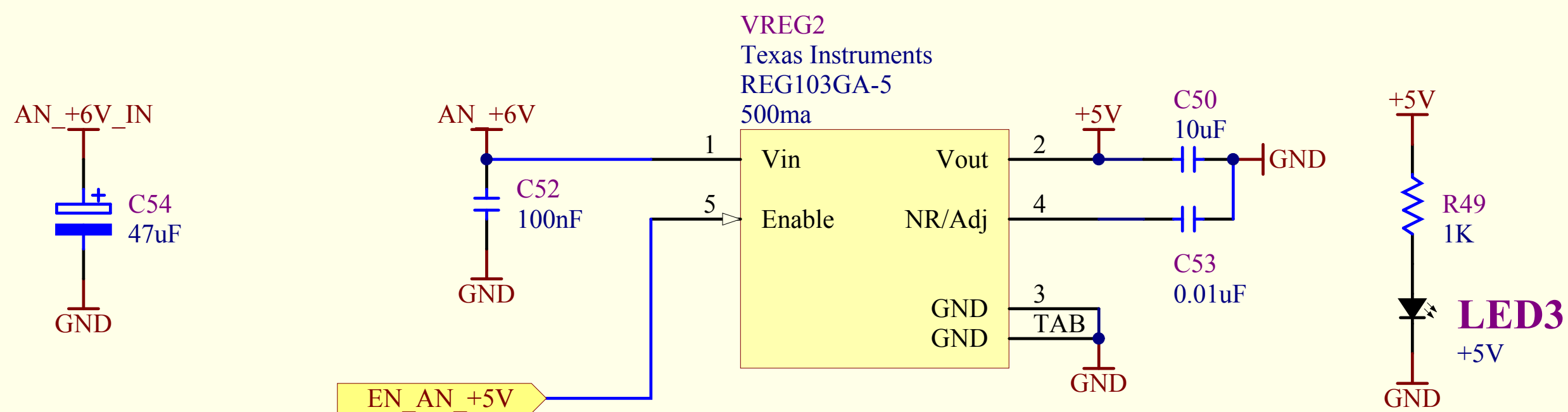
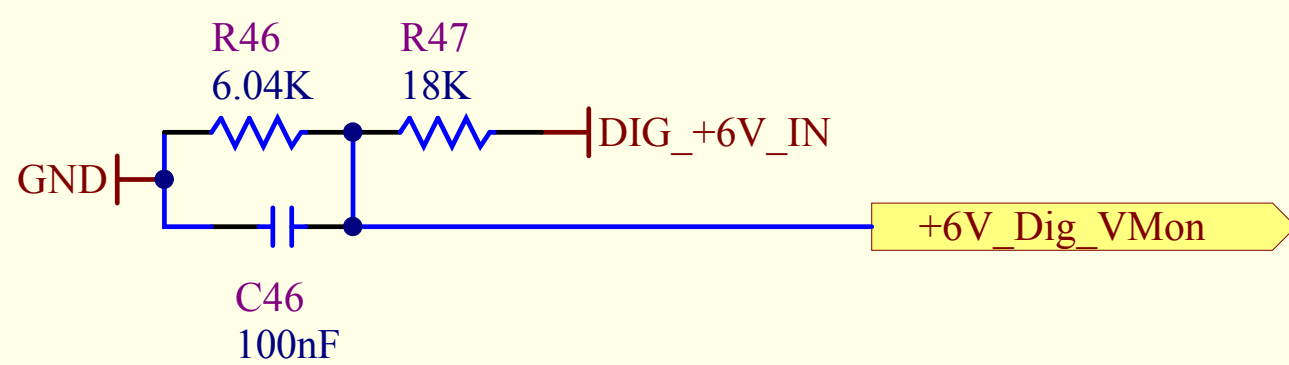
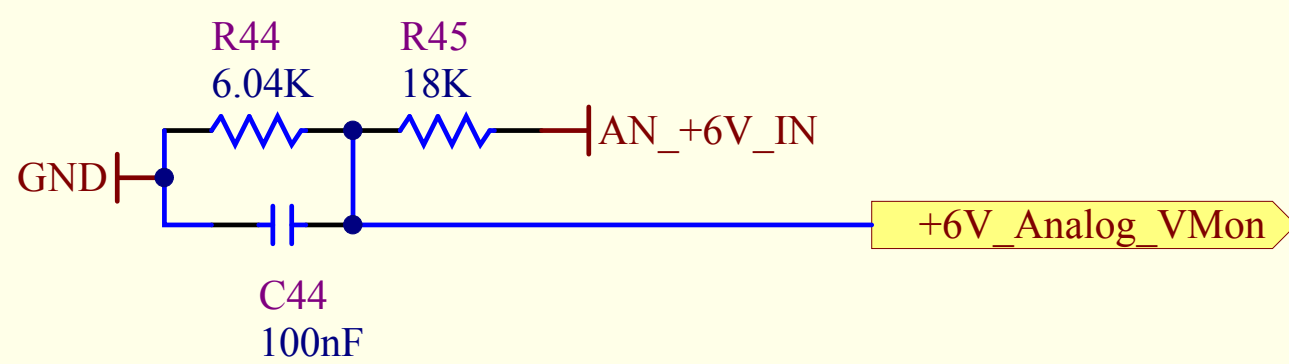
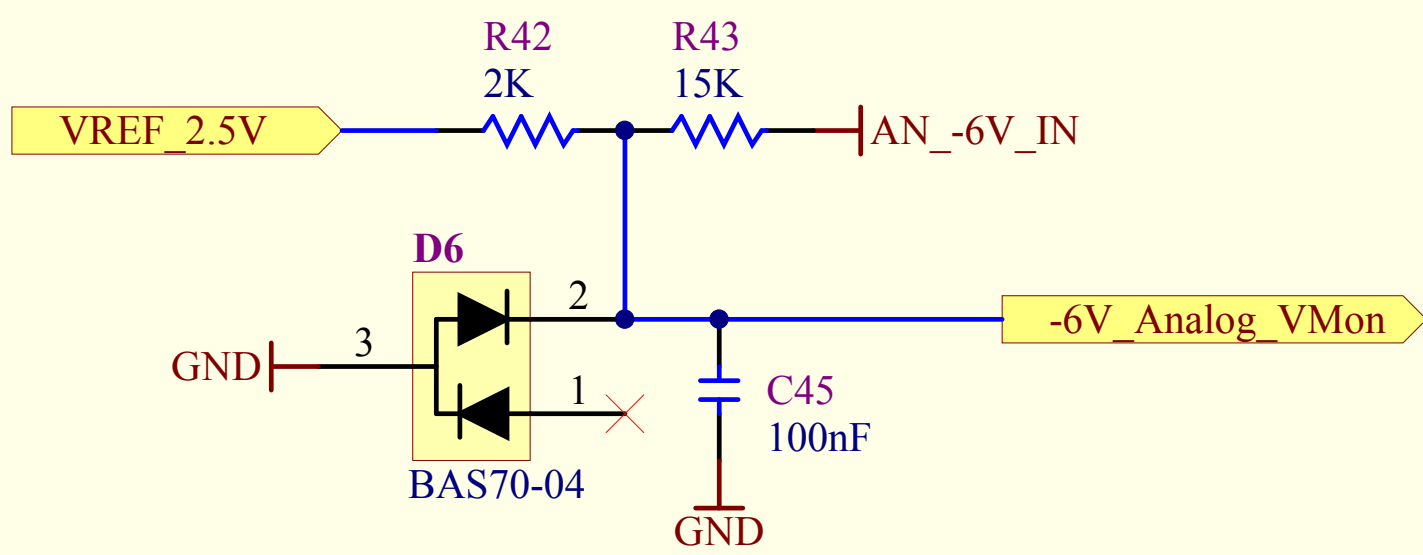


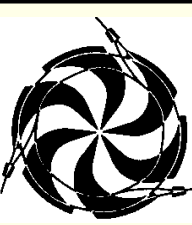
T2K ASUM TEST - 80 Volt Charge Pump / Current Sense				
Revision 0	Drawing #: 2		TRIUMF 4004 Wesbrook Mall Vancouver, B.C. Canada V6T 2A3	
	Sheet #: 2 of 12	Size: A		
	Drawn by: D. Bishop	Date: 5/23/2007		
File: G:\AHWT2KIT2K - ASUM TEST\T2K ASUM TEST - 80 Volt Charge Pump.SCH				

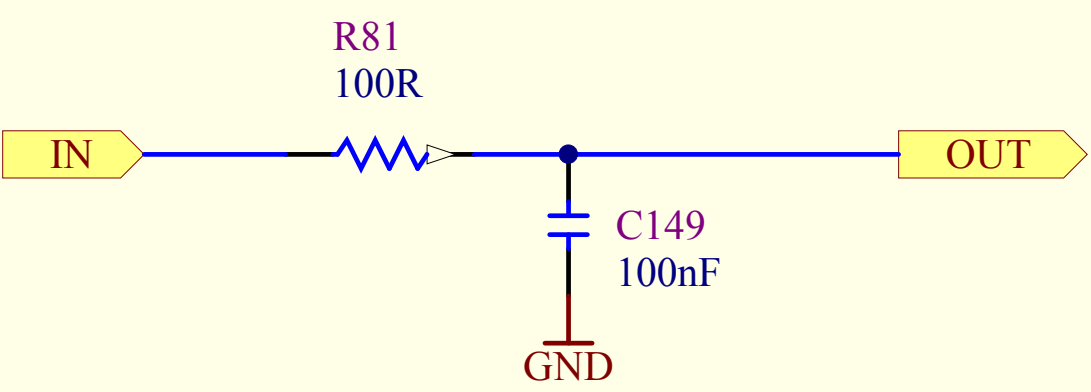





T2K ASUM TEST - APD Input - Charge Division				
Revision 0	Drawing #: 5		TRIUMF 4004 Wesbrook Mall Vancouver, B.C. Canada V6T 2A3	
	Sheet #: 5 of 12	Size: A		
	Drawn by: D.Bishop	Date: 5/23/2007		
File: G:\AHWT2K\T2K - ASUM TEST\T2K ASUM TEST - APD Inputs - Charge Division.SCHDOC				



T2K ASUM TEST - Voltage Regulators - Volt/Curr Monitor				
Revision	Drawing #: 11		TRIUMF	
0	Sheet #: 11 of 12	Size: A	4004 Wesbrook Mall	
	Drawn by: D. Bishop	Date: 5/23/2007	Canada	
			V6T 2A3	
File:	G:\AHWT\T2K - ASUM TEST\T2K ASUM TEST - Regulators.SCHDOC			8:05:35 PM



T2K ASUM TEST - DAC Filter				
Revision 0	Drawing #: 6		TRIUMF	
	Sheet #: 6 of 12	Size: A	4004 Wesbrook Mall	
	Drawn by: D.Bishop	Date: 5/23/2007	Vancouver, B.C. Canada V6T 2A3	
File: G:\AHWT2K\T2K - ASUM TEST\T2K ASUM TEST- DAC Filter.SCHDOC				8:05:35 PM