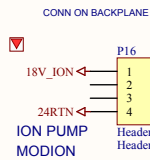
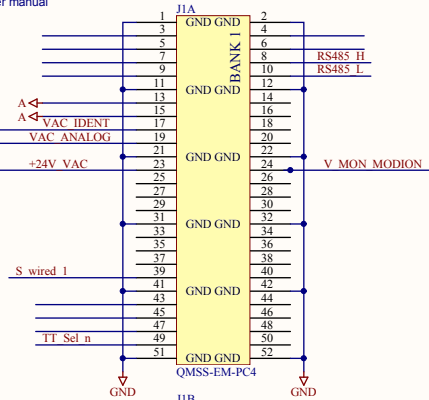
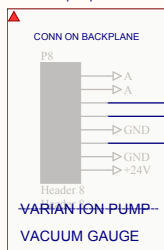
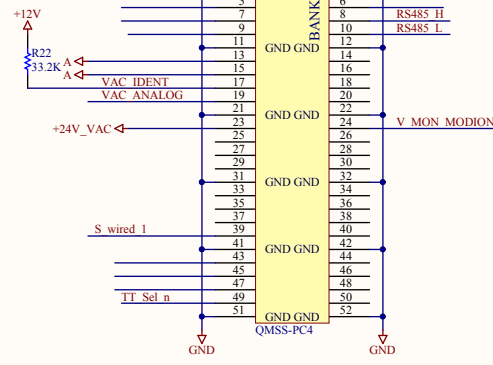


http://www.src.wisc.edu/users/scientia_info/Scientia_R4000/Instruction%20Manuals/Varian%20MicroVac%20Ion%20Pump%20Controller.pdf
link for varian MicroVac user manual
ion pump dsub

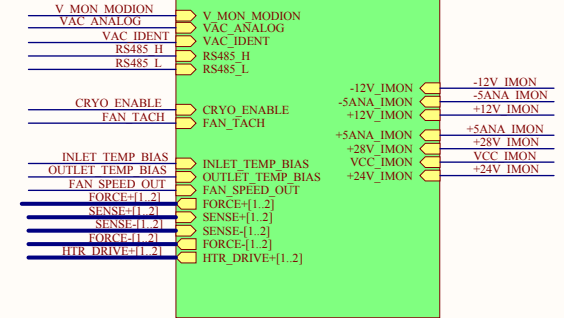


http://www.idealvac.com/files/brochures/Pfeiffer_PKR_251_Pirani_ColdCathode.pdf

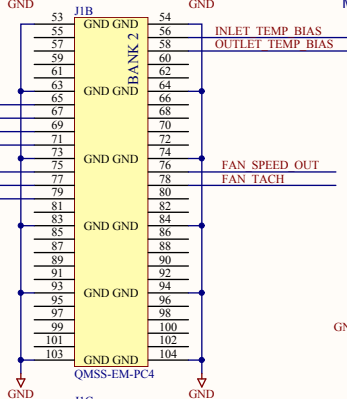
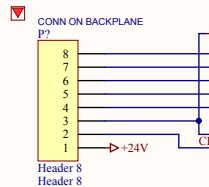
Link for Pfeiffer PKR 251 vacuum gauge



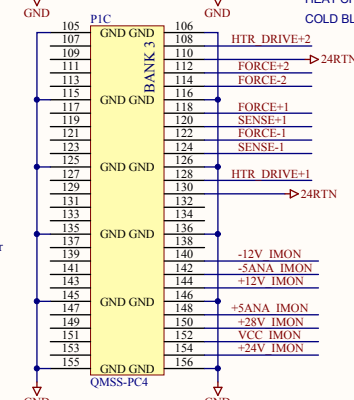
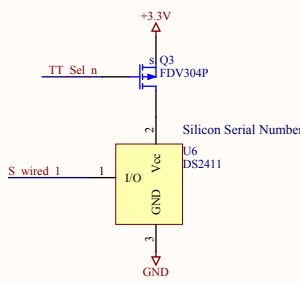
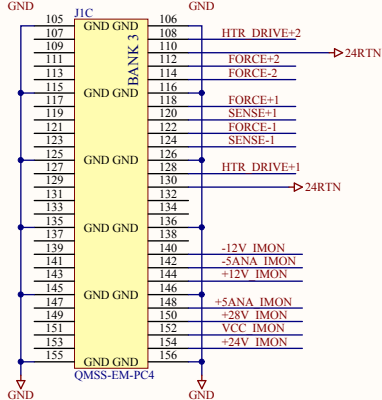
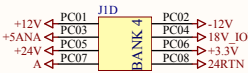
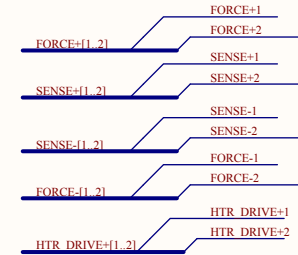
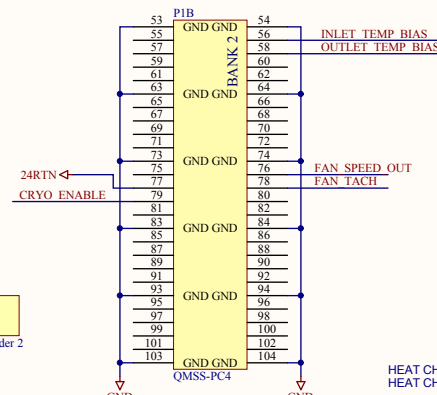
SF CONNECTIONS
780-00051_rev2_Pg2_Sinistro Temp Telemetry Board SchDoc



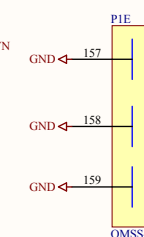
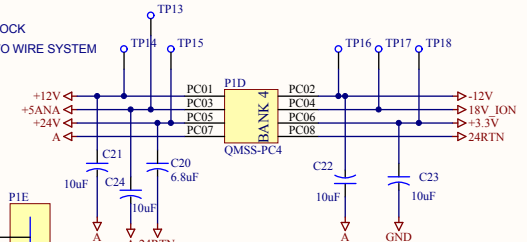
connector to CryoCabinet PAC input



VAC IDENT VALUES:
11k internal = 3.05V
9k internal = 2.56V
(data sheet spec'd range to stay between 2-3V)

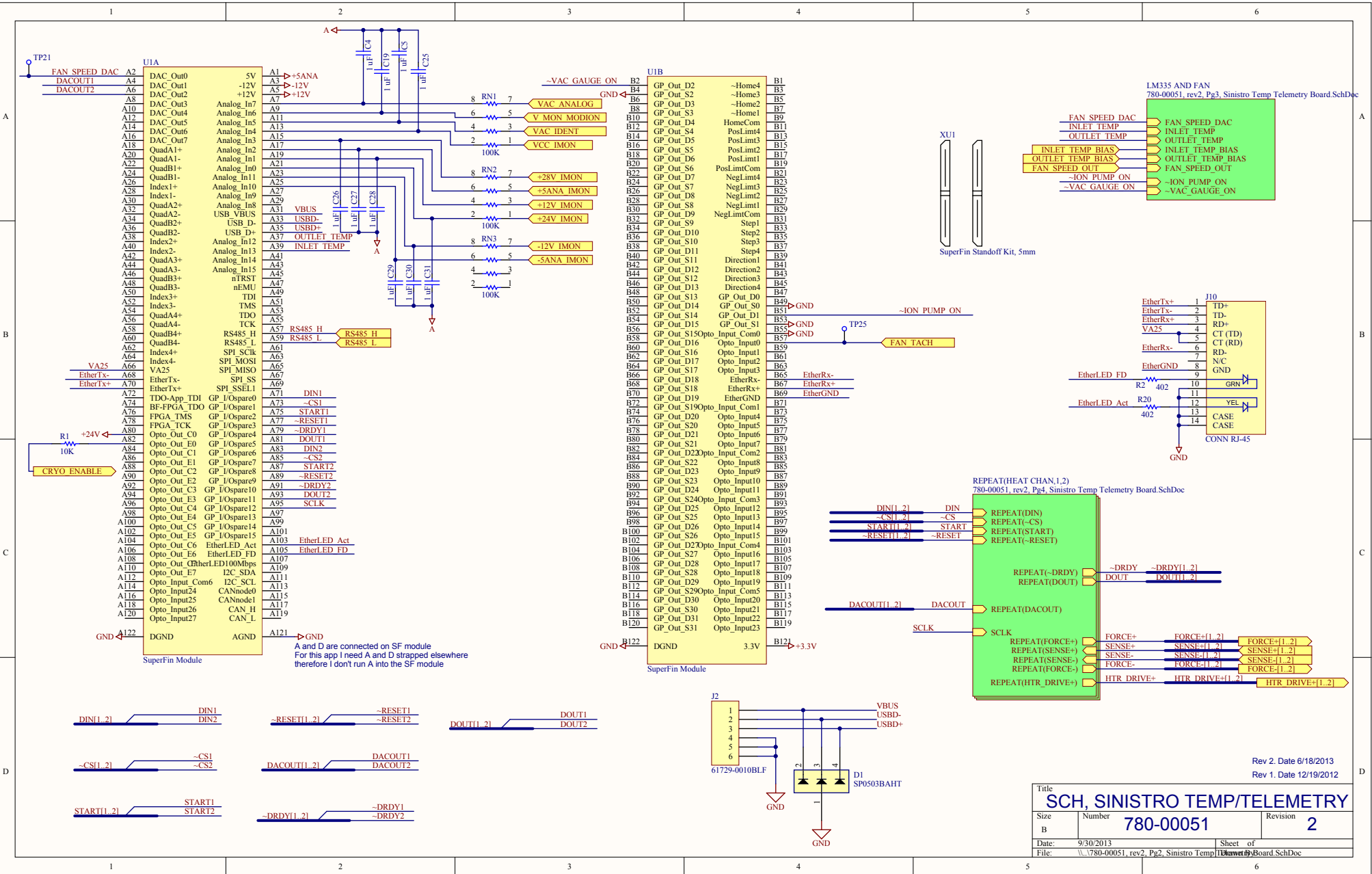


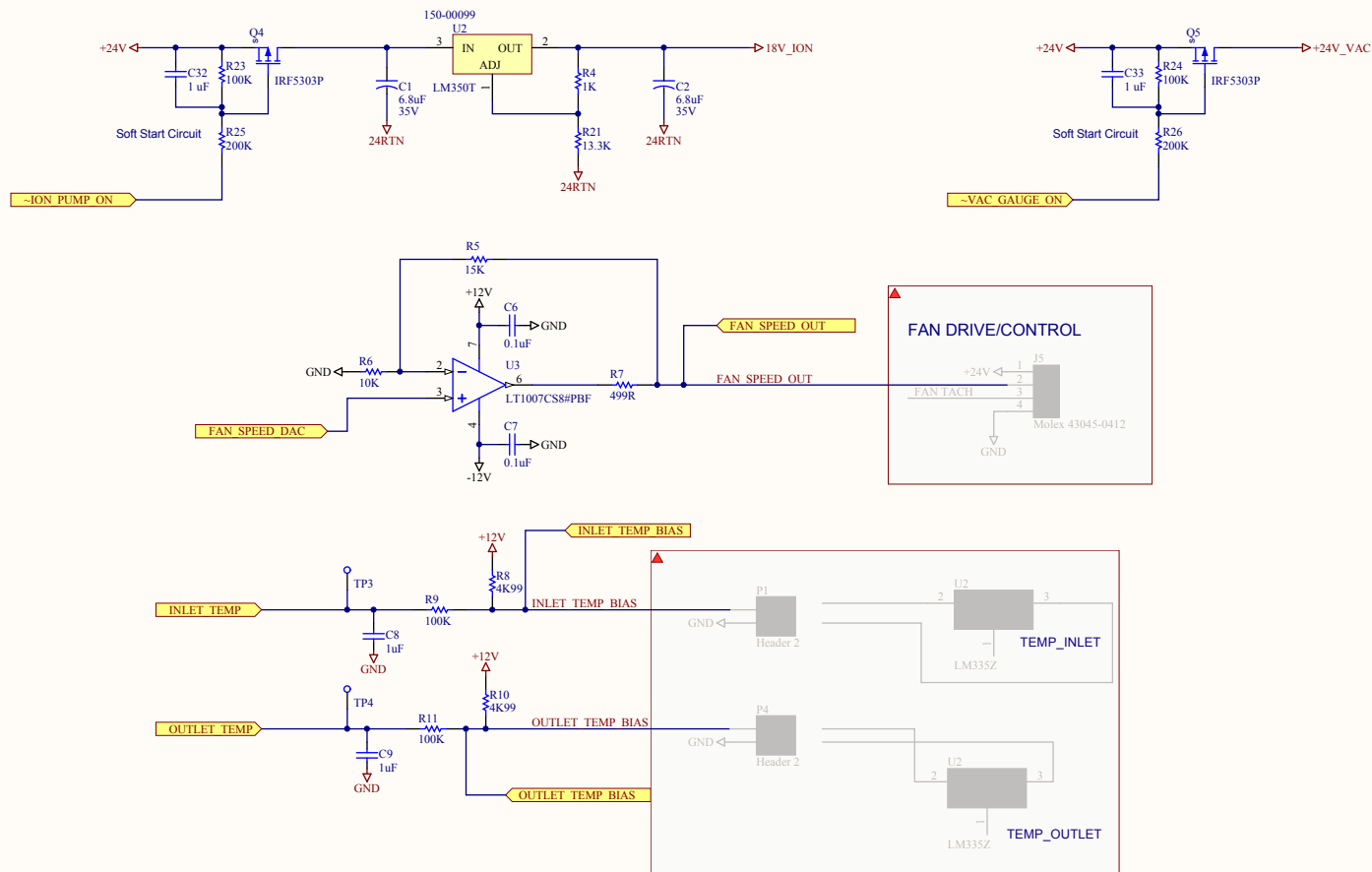
HEAT CH1 = CCD
HEAT CH2 = COLD BLOCK
COLD BLOCK IS A TWO WIRE SYSTEM



Rev 2. Date 6/18/2013
Rev 1. Date 12/19/2012

Title			
SCH, SINISTRO TEMP/TELEMETRY			
Size	Number	Revision	
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Date:	9/30/2013	Sheet of	
File:	\\780-00051_rev2_Pg1_Sinistro Temp Telemetry Board SchDoc		

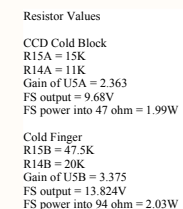




Rev 2. Date 6/18/2013

Rev 1. Date 12/19/2012

Title			
SCH, SINISTRO TEMP/TELEMETRY			
Size	Number	Revision	
B	780-00051	1	
Date:	9/30/2013	Sheet of	
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Title SCH, SINISTRO TEMP/TELEMETRY		
Size B	Number 780-00051	Revision 2
Date: 9/30/2013	Sheet of	
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