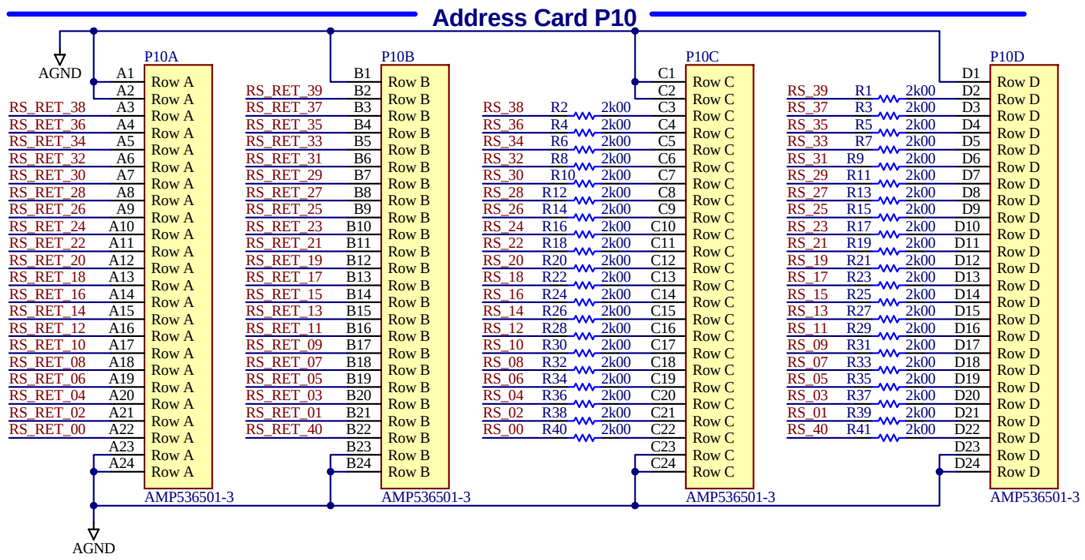
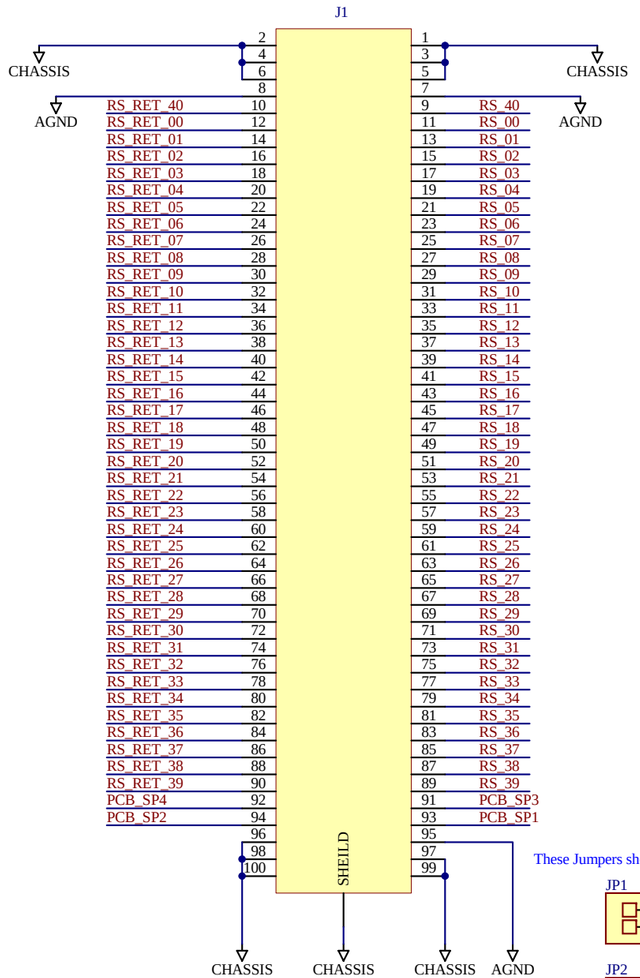
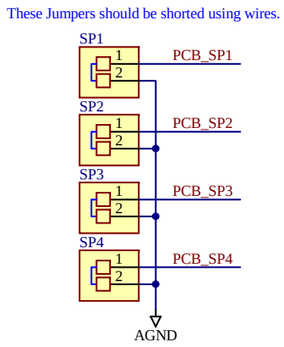
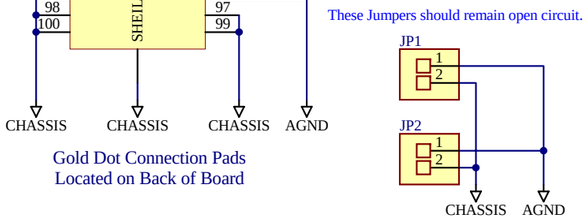




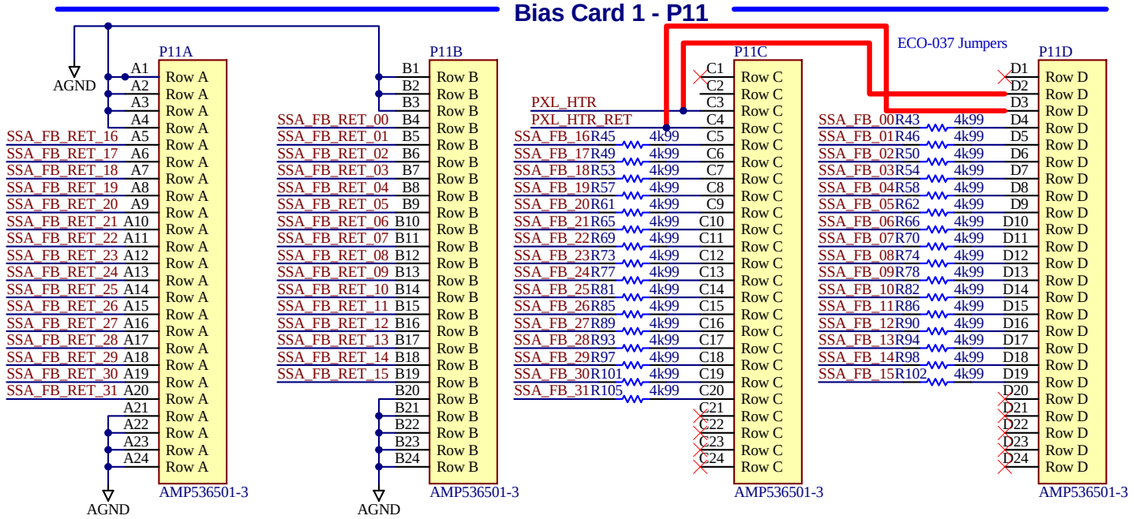




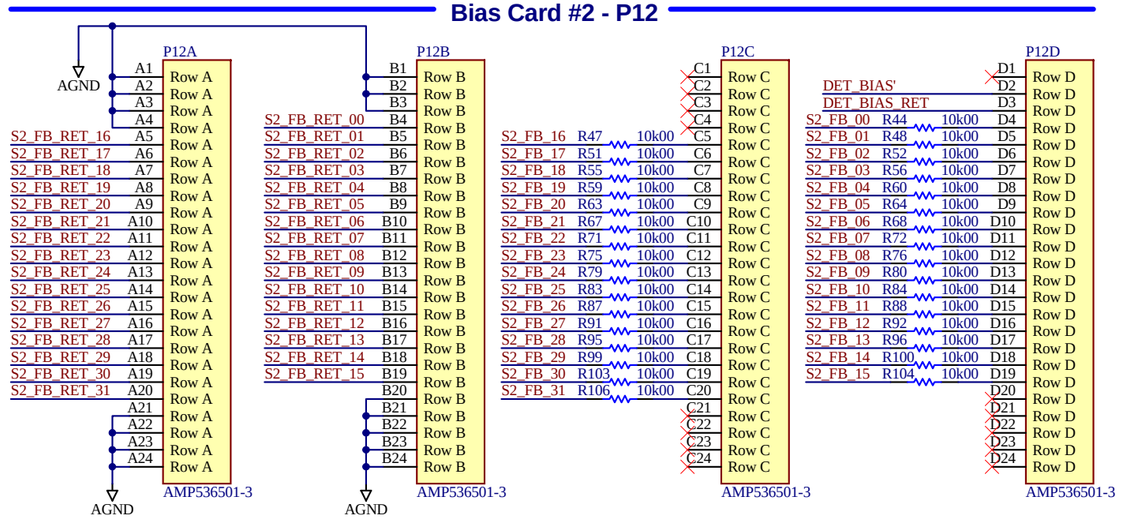
Schematic Valid for Rev B & C of PCB

Title: *MCE Instrument Backplane*		**University of British Columbia**
Size: B	Number: SC2_ELE_S587_101	Revision: C Iss5
Date: 4/26/2007 Time: 9:47:10 AM	Sheet 1 of 7	*Department of Physics & Astronomy*
File: S587_101_S1.SchDoc		*SCUBA2 Project*
		6224 Agricultural Road
		Vancouver BC V6T 1Z1 Canada

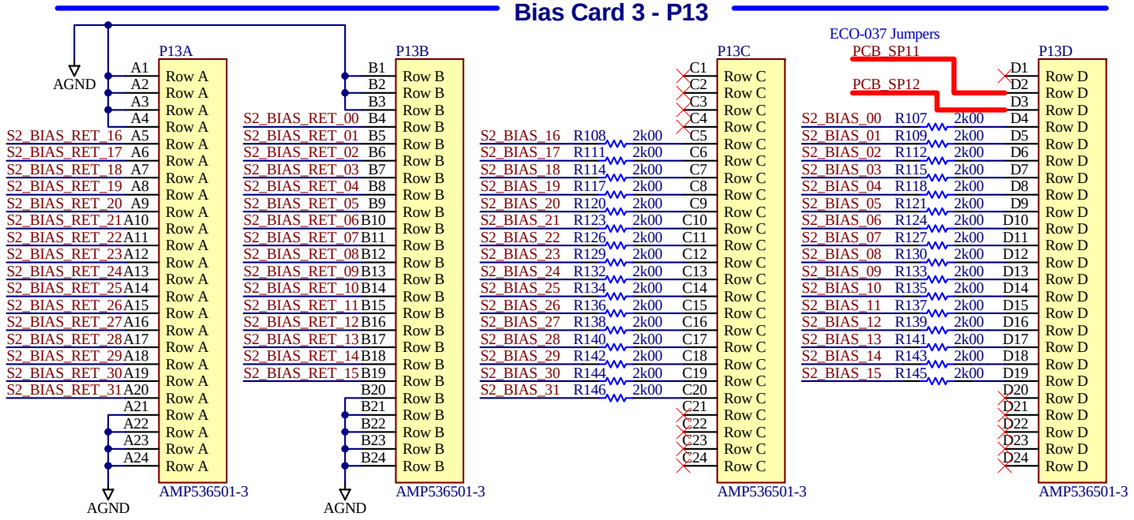
Bias Card 1 - P11



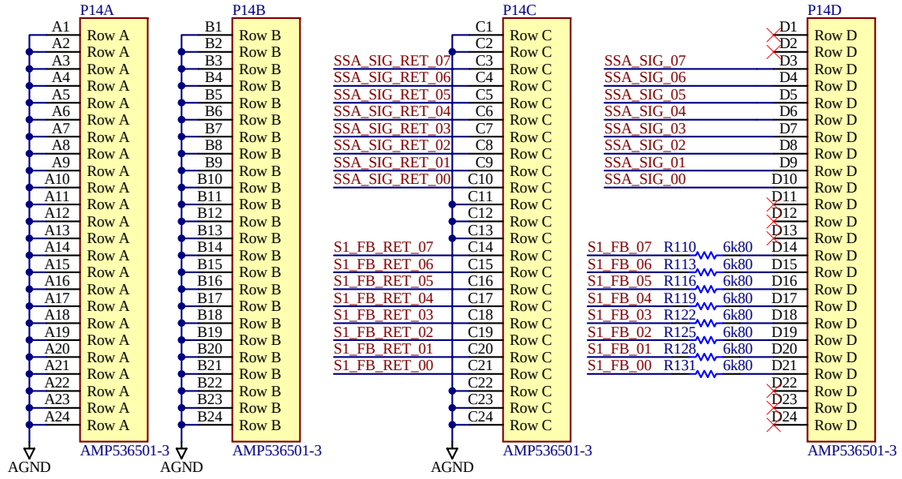
Bias Card #2 - P12



Bias Card 3 - P13



Readout Card #1 - P14

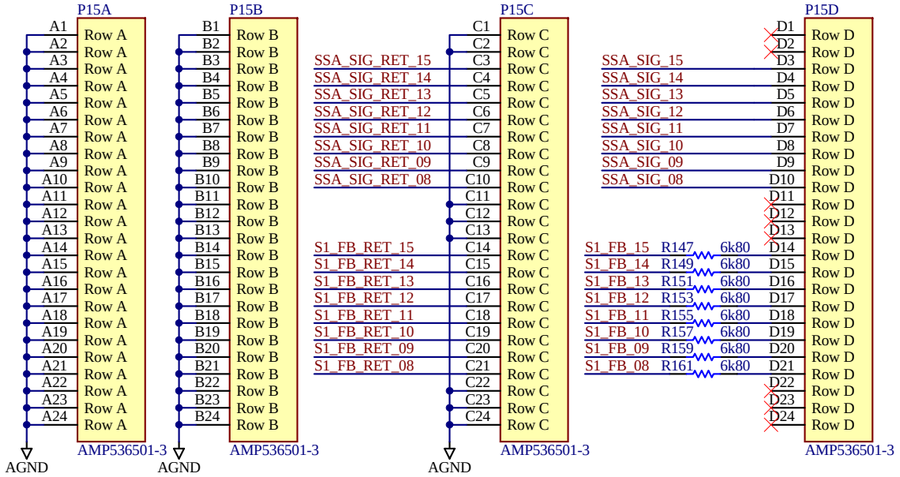


SSA_SIG_x Signals are Outputs from Array (Inputs on ReadoutCards)
S1_FB_x Signals are Inputs to Array (Outputs on Readout Cards)

Schematic Valid for Rev B & C of PCB

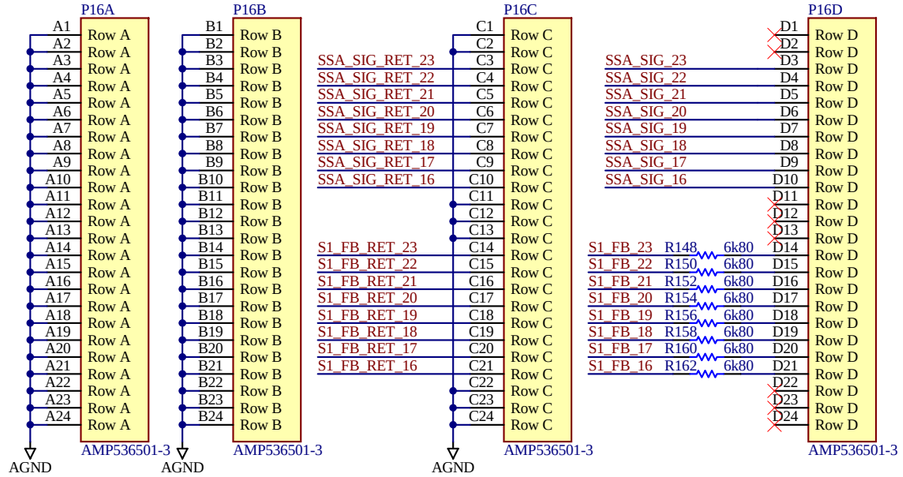
Title: *MCE Instrument Backplane*		**University of British Columbia**
Size: B	Number: SC2_ELE_S587_101	Revision: C Iss5
Date: 4/26/2007 Time: 9:47:10 AM	Sheet 2 of 7	*Department of Physics & Astronomy*
File: S587_101_S2.SchDoc		*SCUBA2 Project*
		6224 Agricultural Road
		Vancouver BC V6T 1Z1 Canada

Readout Card #2 - P15



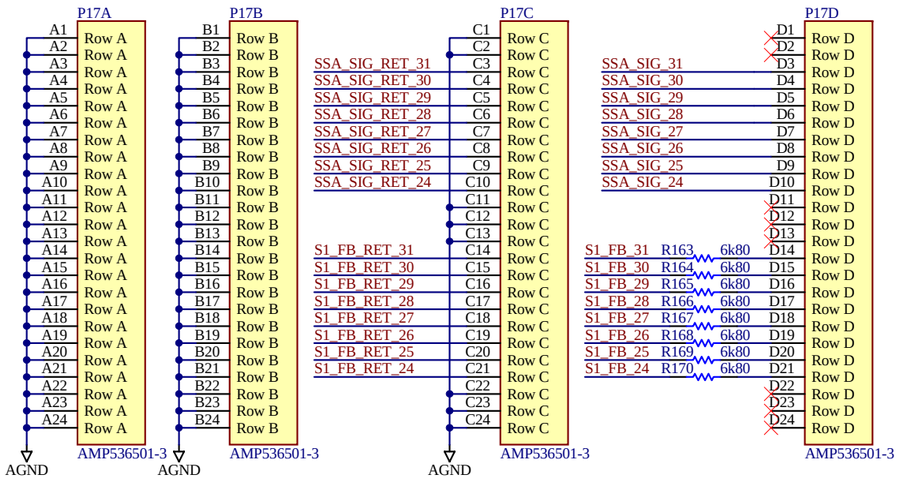
SSA_SIG_x Signals are Outputs from Array (Inputs on ReadoutCards)
S1_FB_x Signals are Inputs to Array (Outputs on Readout Cards)

Readout Card #3 - P16



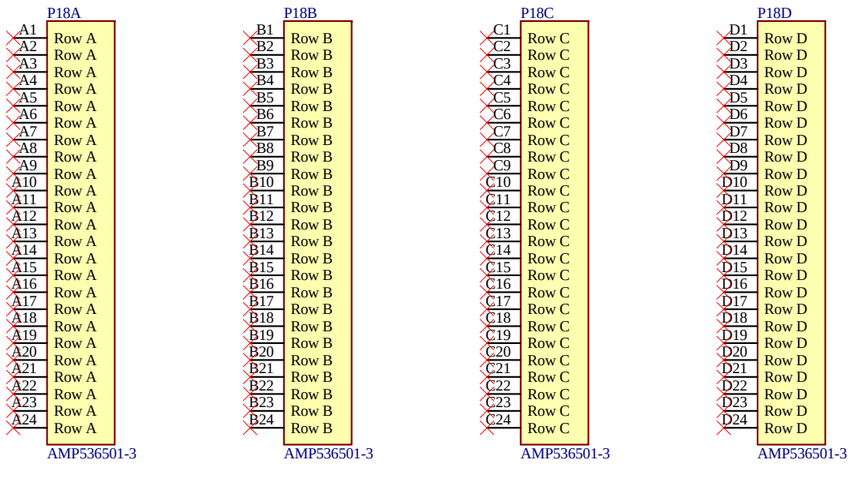
SSA_SIG_x Signals are Outputs from Array (Inputs on ReadoutCards)
S1_FB_x Signals are Inputs to Array (Outputs on Readout Cards)

Readout Card #4 - P17



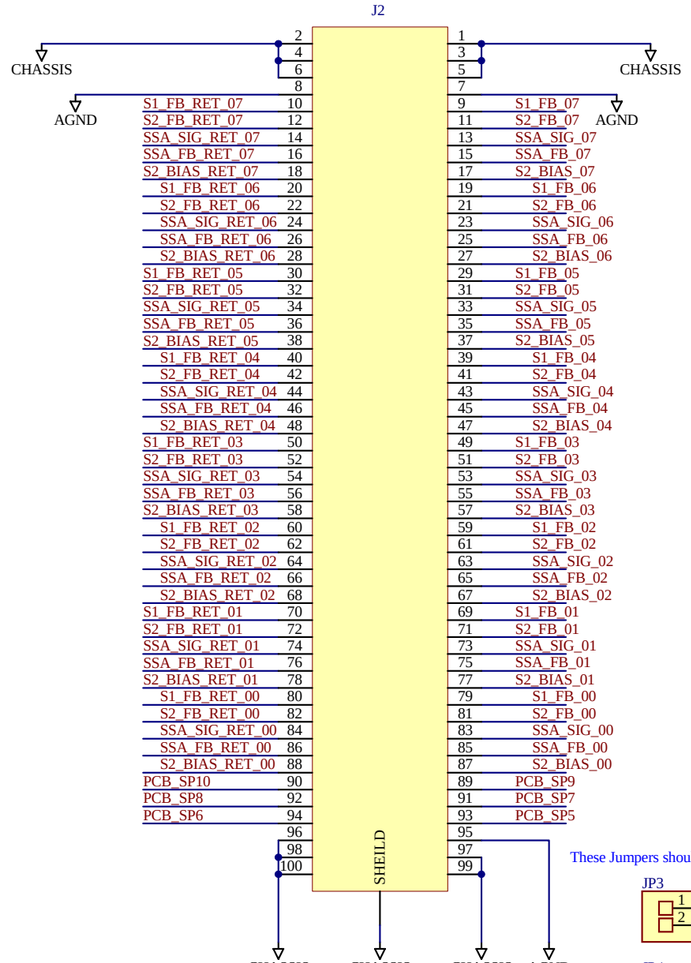
SSA_SIG_x Signals are Outputs from Array (Inputs on ReadoutCards)
S1_FB_x Signals are Inputs to Array (Outputs on Readout Cards)

Clock Card - P18



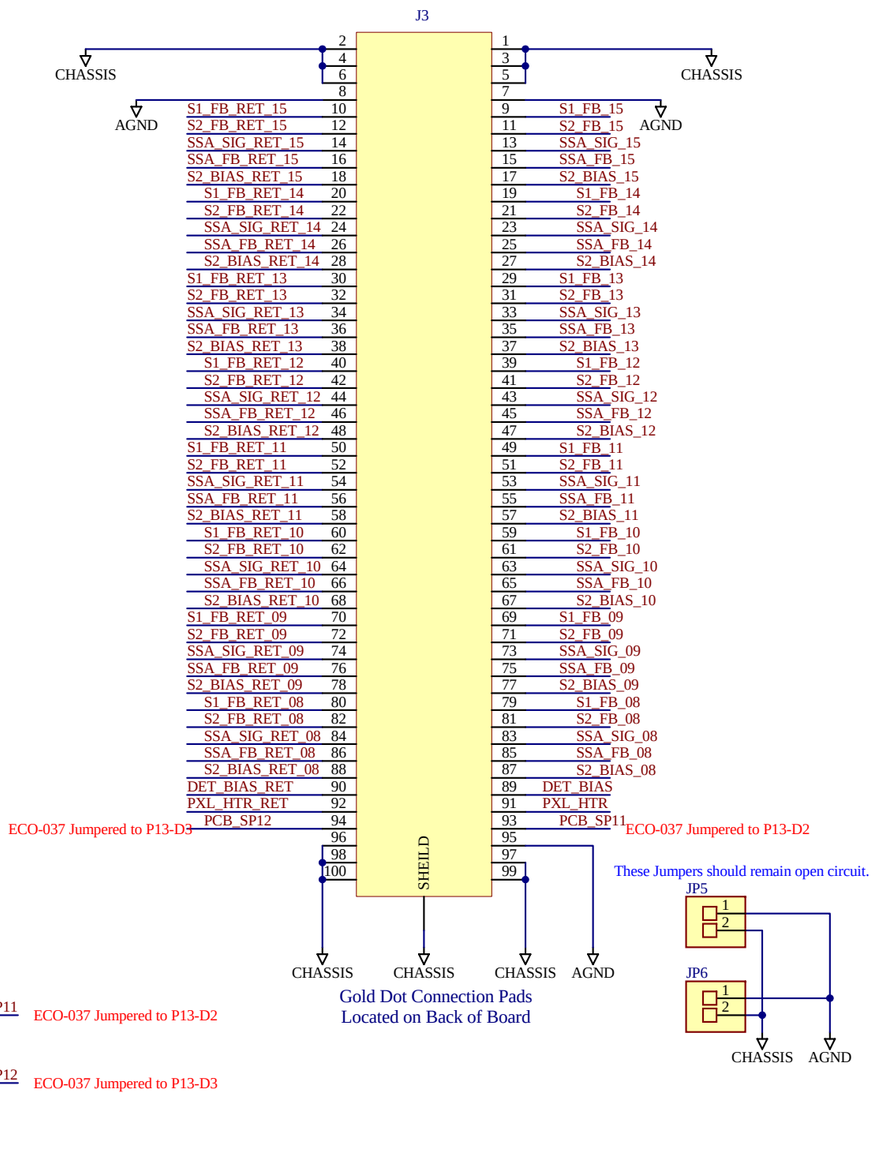
Schematic Valid for Rev B & C of PCB

Title: *MCE Instrument Backplane*			**University of British Columbia**
Size: B	Number: SC2_ELE_S587_101	Revision: C Iss5	*Department of Physics & Astronomy*
Date: 4/26/2007 Time: 9:47:10 AM		Sheet 3 of 7	*SCUBA2 Project*
File: S587_101_S3.SchDoc			*6224 Agricultural Road*
			Vancouver BC V6T 1Z1 Canada



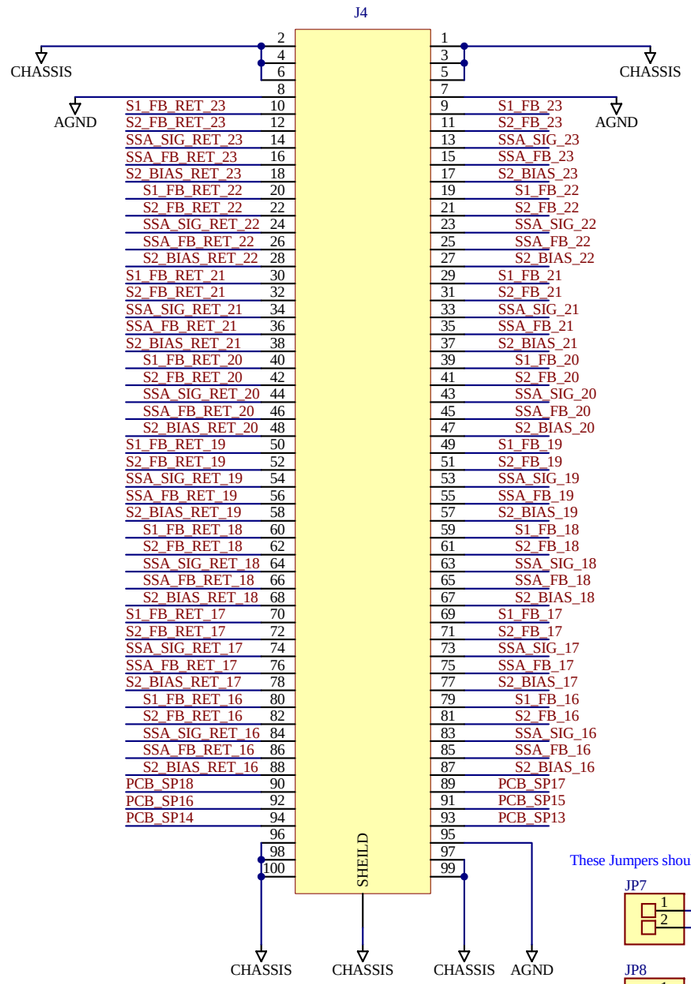
Schematic Valid for Rev B & C of PCB

Title: *MCE Instrument Backplane*		**University of British Columbia** *Department of Physics & Astronomy* *SCUBA2 Project* *6224 Agricultural Road* *Vancouver BC V6T 1Z1 Canada*
Size: B	Number: SC2_ELE_S587_101	Revision: C Iss5
Date: 4/26/2007 Time: 9:47:10 AM	Sheet 4 of 7	
File: S587_101_S4.SchDoc		



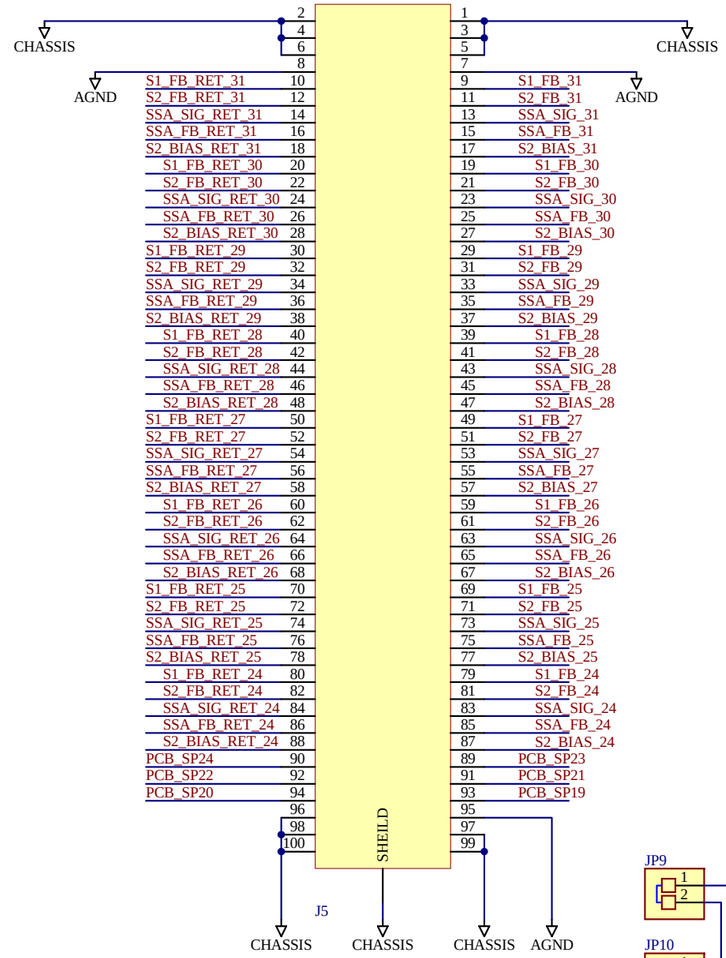
Schematic Valid for Rev B & C of PCB

Title: *MCE Instrument Backplane*			**University of British Columbia** *Department of Physics & Astronomy SCUBA2 Project 6224 Agricultural Road Vancouver BC V6T 1Z1 Canada*
Size: B	Number: SC2_ELE_S587_101	Revision: C Iss5	
Date: 4/26/2007 Time: 9:47:10 AM		Sheet 5 of 7	
File: S587_101_S5.SchDoc			

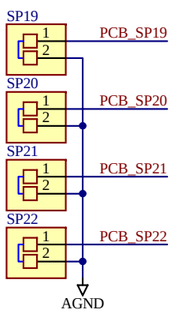


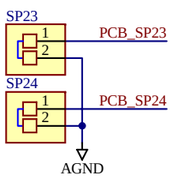
Schematic Valid for Rev B & C of PCB

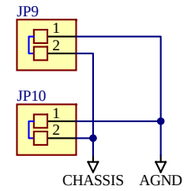
Title: *MCE Instrument Backplane*			University of British Columbia *Department of Physics & Astronomy* *SCUBA2 Project* *6224 Agricultural Road* *Vancouver BC V6T 1Z1 Canada*
Size: B	Number: SC2_ELE_S587_101	Revision: C Iss5	
Date: 4/26/2007 Time: 9:47:11 AM		Sheet 6 of 7	
File: S587_101_S6.SchDoc			

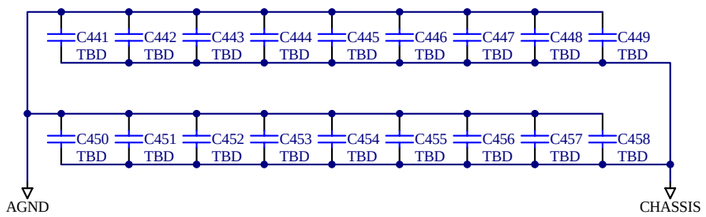


Gold Dot Connection Pads
Located on Back of Board









Schematic Valid for Rev B & C of PCB

Title: *MCE Instrument Backplane*		**University of British Columbia** *Department of Physics & Astronomy* *SCUBA2 Project* *6224 Agricultural Road* *Vancouver BC V6T 1Z1 Canada*
Size: B	Number: SC2_ELE_S587_101	Revision: C Iss5
Date: 4/26/2007 Time: 9:47:11 AM	Sheet 7 of 7	
File: S587_101_S7.SchDoc		