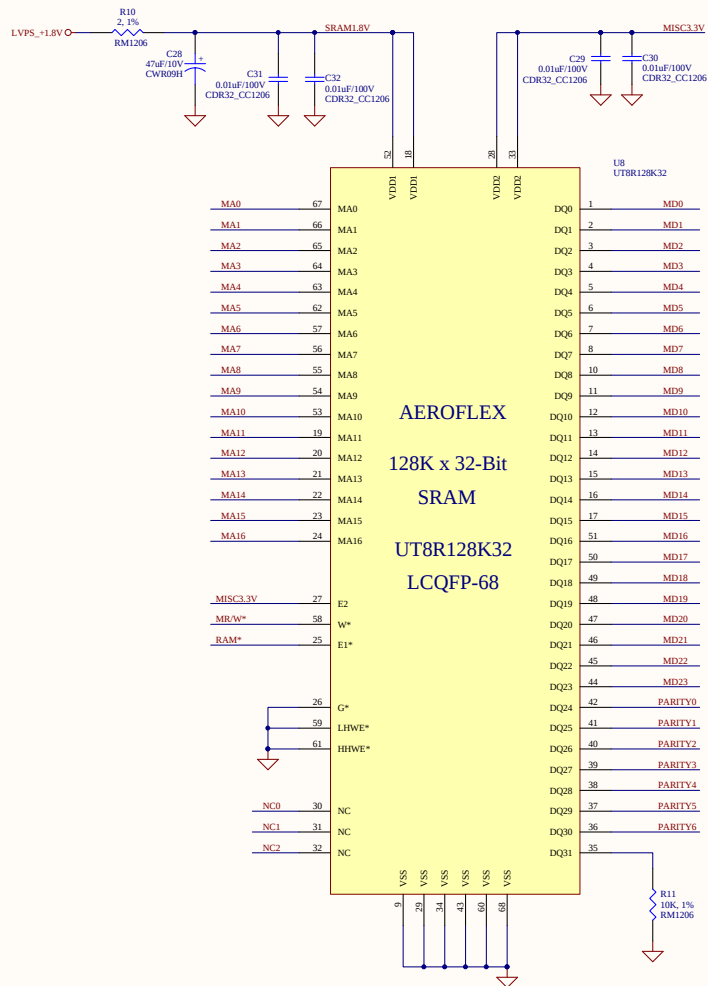
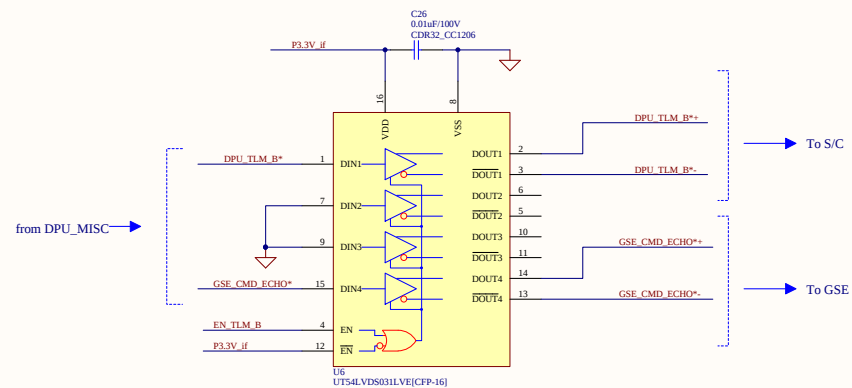
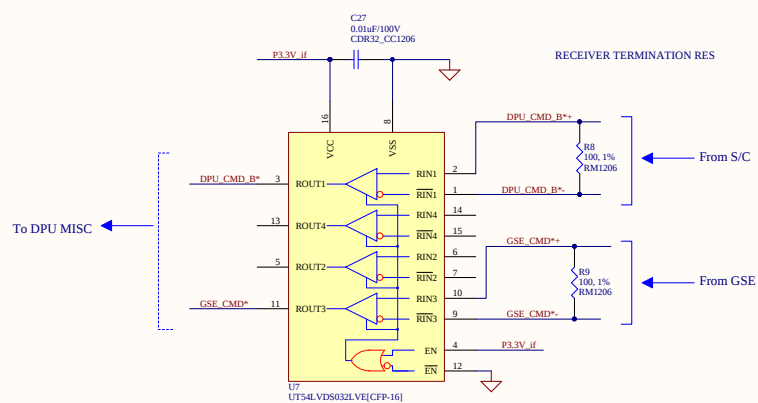
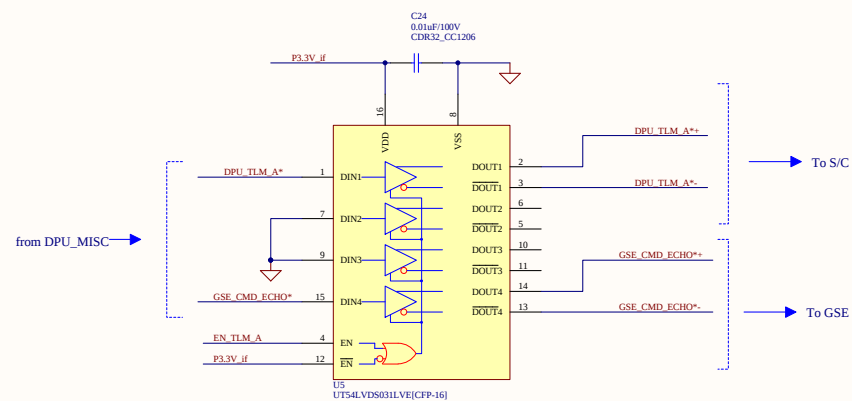
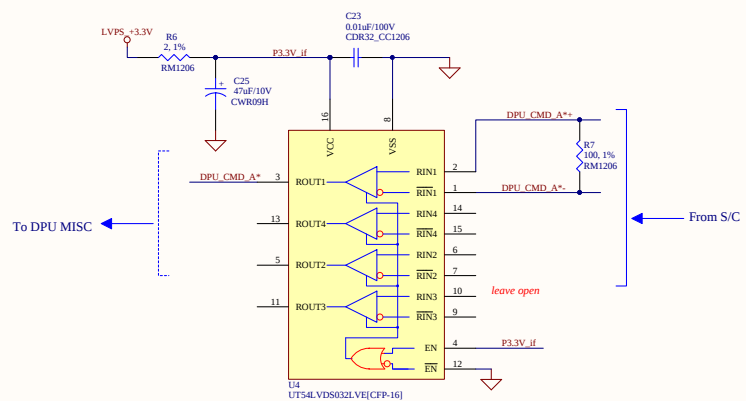


Approvals	Date	Solar Probe Schematic, DPU_MISC				California Institute of Technology Space Radiation Laboratory 1201 E. California Blvd. MC 290-17, Cadell Pasadena, CA 91125-4700	
Drawn: J. Burnham	09-27-13						
Checked:		MISC, OSC, MRAM					
Approved:		Size: C	DWG. No. 580101	Revision: A	Sheet 1 of 8		
File:							

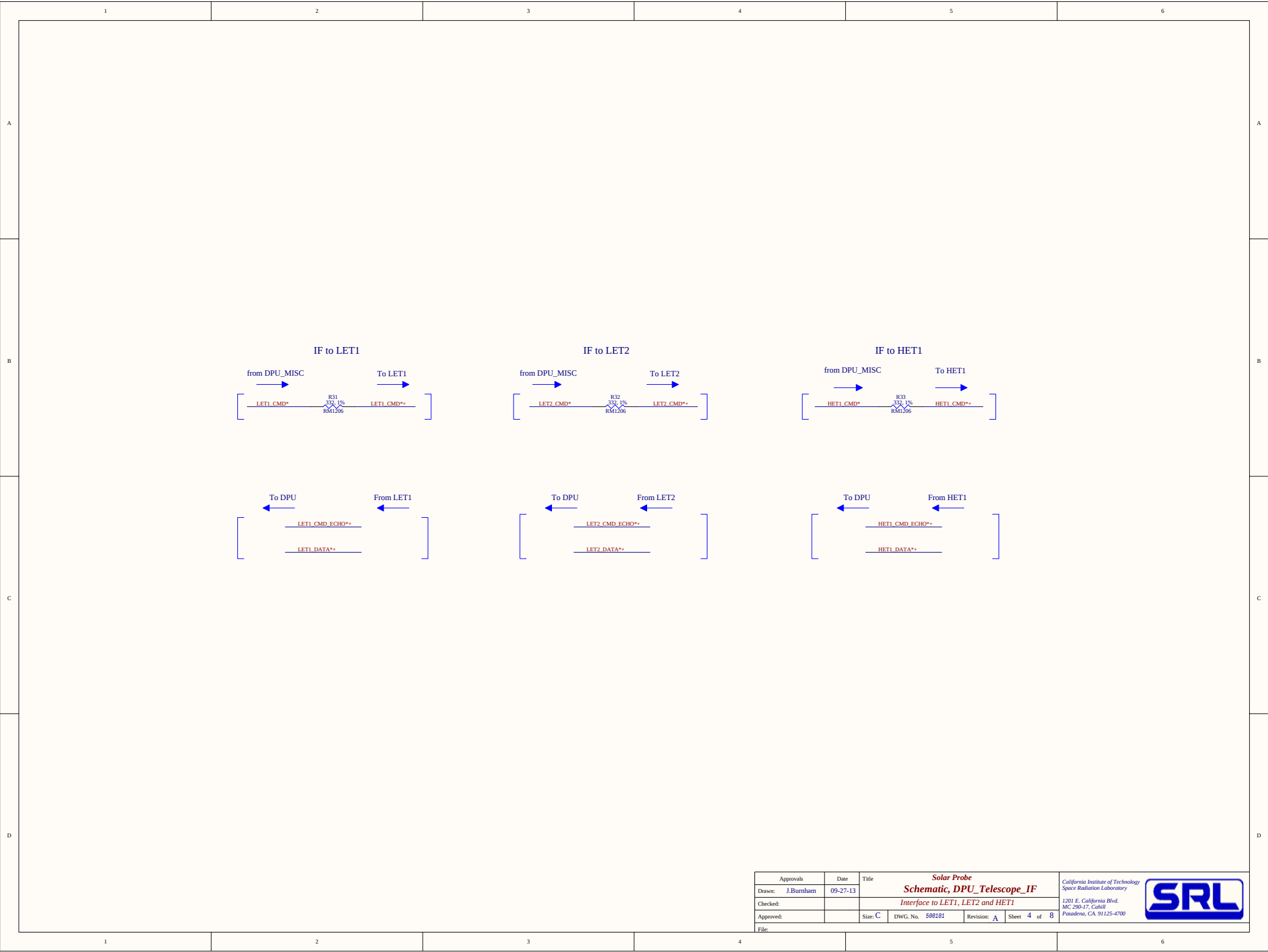


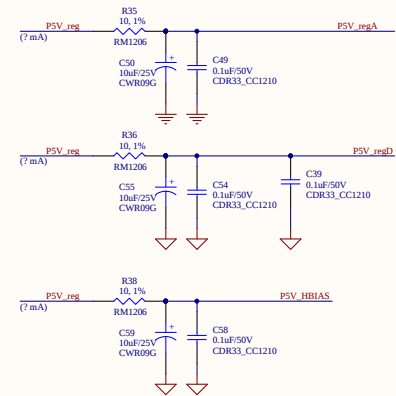
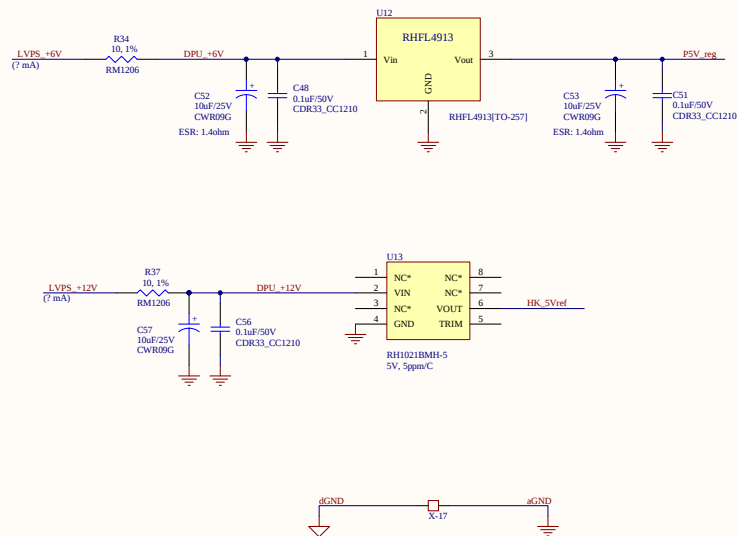
Approvals	Date	Title				California Institute of Technology Space Radiation Laboratory		
Drawn: J.Burnham	09-27-13	Solar Probe Schematic, DPU_SRAM				1201 E. California Blvd. MC 290-17, Caltech Pasadena, CA 91125-4700		
Checked:		SRAM, Power_On_Reset						
Approved:		Size: C	DWG. No. 500101	Revision: A	Sheet 2 of 8			
File:								



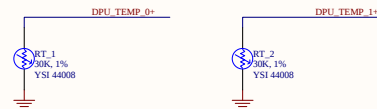


Approvals	Date	Title				California Institute of Technology Space Radiation Laboratory 1201 E. California Blvd. MC 290-17, Caltech Pasadena, CA 91125-4700 
Drawn: J. Burnham	09-27-13	<i>Solar Probe</i> Schematic, DPU_SC_IF				
Checked:		<i>Spacecraft Interface</i>				
Approved:		Size: C	DWG. No. 508101	Revision: A	Sheet 3 of 8	
File:						

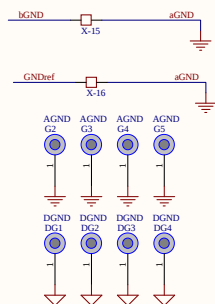




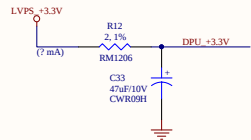
Approvals	Date	Title				California Institute of Technology Space Radiation Laboratory		
Drawn: J.Burnham	09-27-13	Solar Probe Schematic, DPU_FIXED_REG						
Checked:		Fixed +5V Regulator				1201 E. California Blvd. MC 290-17, Caltech Pasadena, CA 91125-4700		
Approved:		Size: C	DWG. No. 500101	Revision: A	Sheet 5 of 8			
File:								



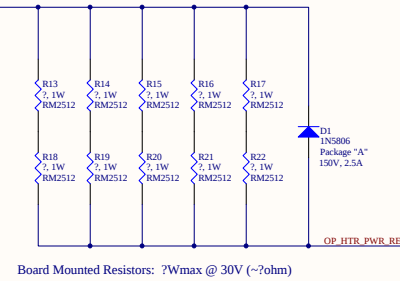
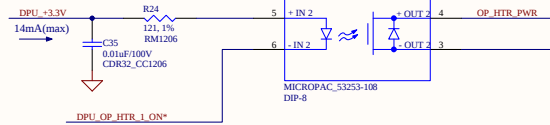
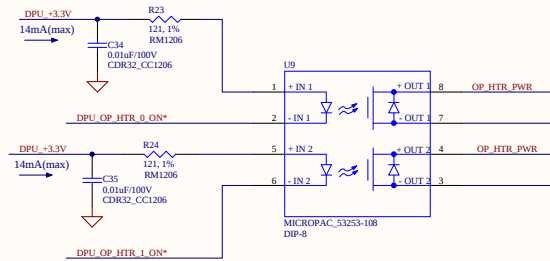
hkchip internally measures a5V, d5V, 5vref and IOvdd



Approvals	Date	Solar Probe Schematic, hkchip				California Institute of Technology Space Radiation Laboratory		
Drawn: J. Burnham	09-27-13							
Checked:		Housekeeping ASIC				1201 E. California Blvd. MC 290-17, Cassil Pasadena, CA 91125-4700		
Approved:		Size: C	DWG. No: 500101	Revision: A	Sheet 6 of 8			
File:								

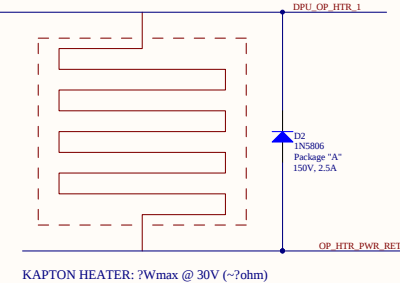


One internal OP heater on DPU board
3 external OP heaters (one per telescope)



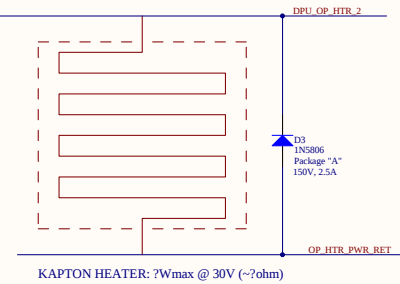
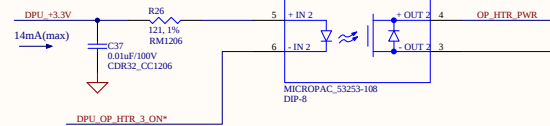
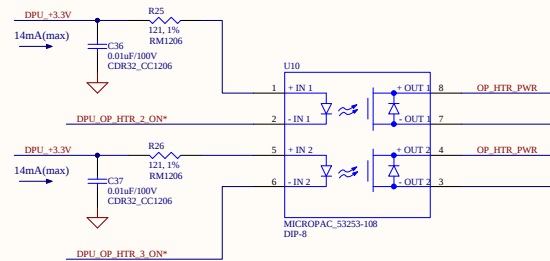
Internal OP heater on DPU board

Board Mounted Resistors: ?Wmax @ 30V (~?ohm)



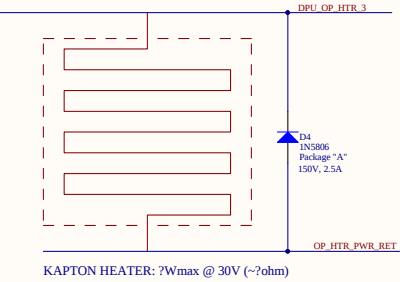
External Chassis OP heater

KAPTON HEATER: ?Wmax @ 30V (~?ohm)



External Chassis OP heater

KAPTON HEATER: ?Wmax @ 30V (~?ohm)



External Chassis OP heater

KAPTON HEATER: ?Wmax @ 30V (~?ohm)

Approvals	Date	Title					California Institute of Technology Space Radiation Laboratory 1201 E. California Blvd. MC 290-17, Caltech Pasadena, CA 91125-4700 
Drawn: J. Burnham	09-27-13	Schematic, DPU_OP_HTR					
Checked:		Operational Heaters					
Approved:		Size: C	DWG. No. 500101	Revision: A	Sheet 7 of 8		
File:							

A

B

C

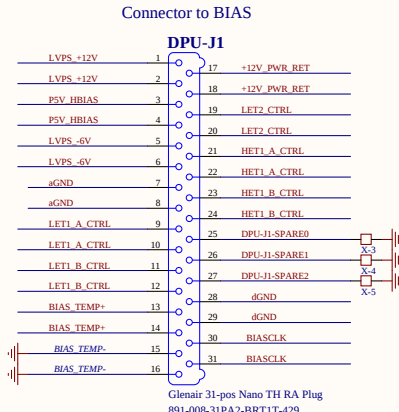
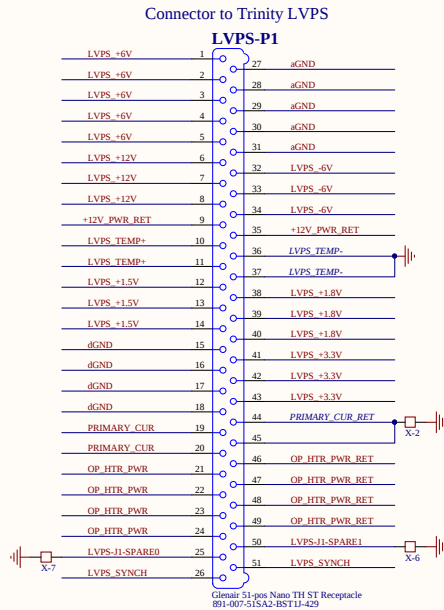
D

A

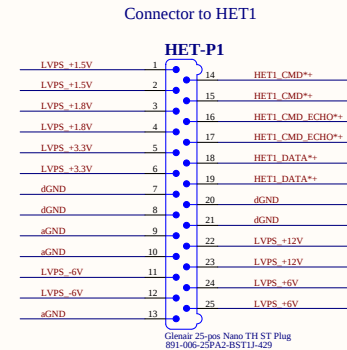
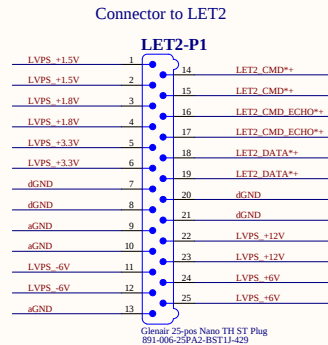
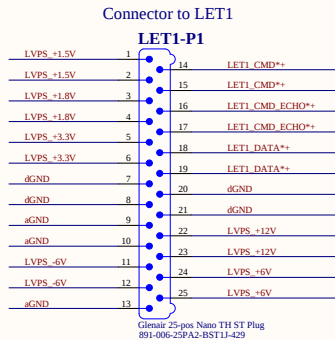
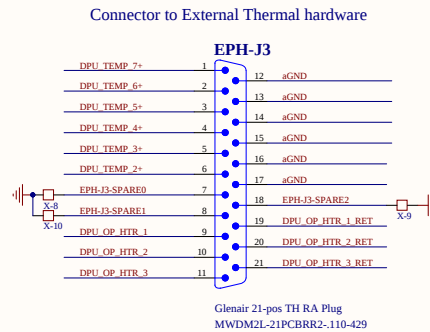
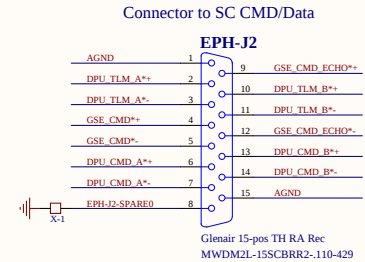
B

C

D



ALL CONNECTOR DEFINITIONS
STILL TBD (PENDING RELEASE OF SPP to ISIS ICD)



Approvals	Date	Title	Solar Probe				California Institute of Technology	
Drawn: J.Burnham	09-27-13		Schematic, DPU_Connectors				Space Radiation Laboratory	
Checked:			Connectors, Filters				1201 E. California Blvd.	
Approved:		Size: C	DWG. No. 5002101	Revision: A	Sheet 8 of 8		MC 290-17, Cahill	
File:							Pasadena, CA 91125-4700	

