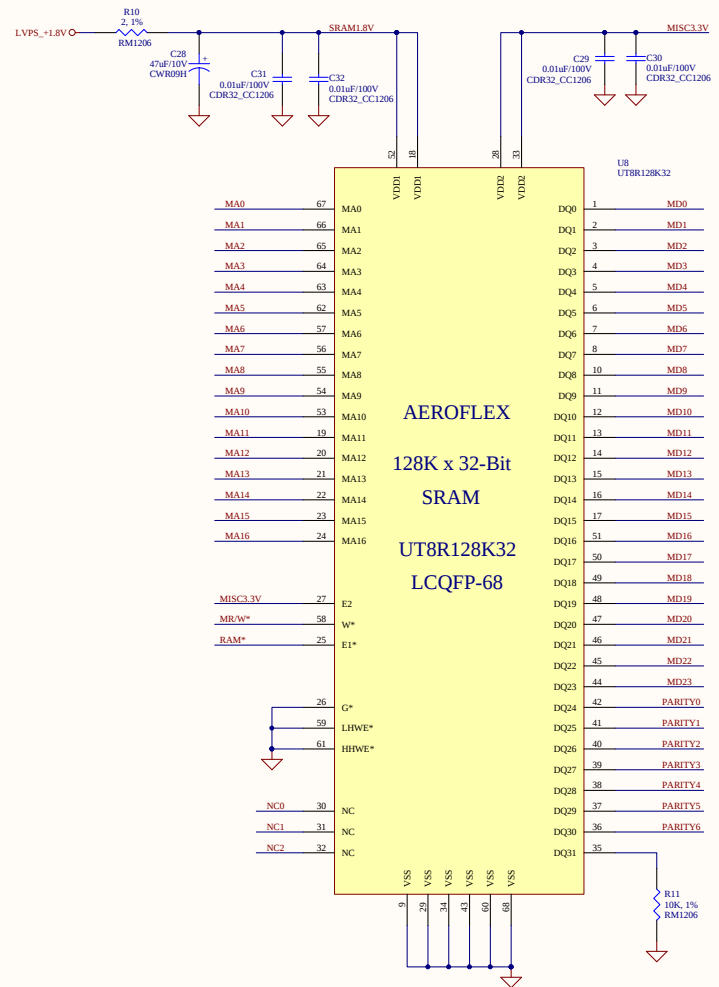
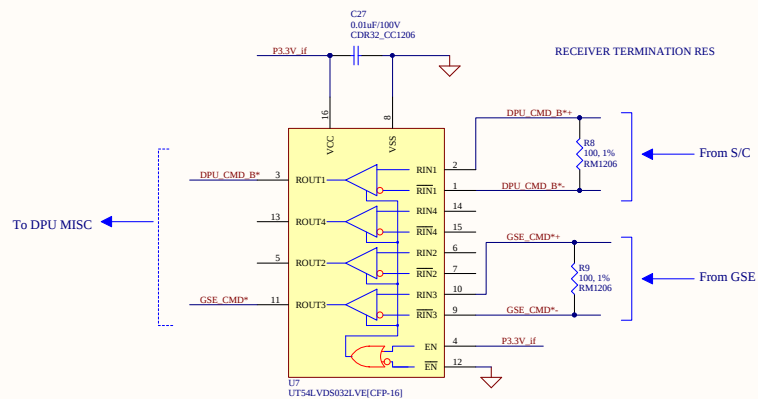




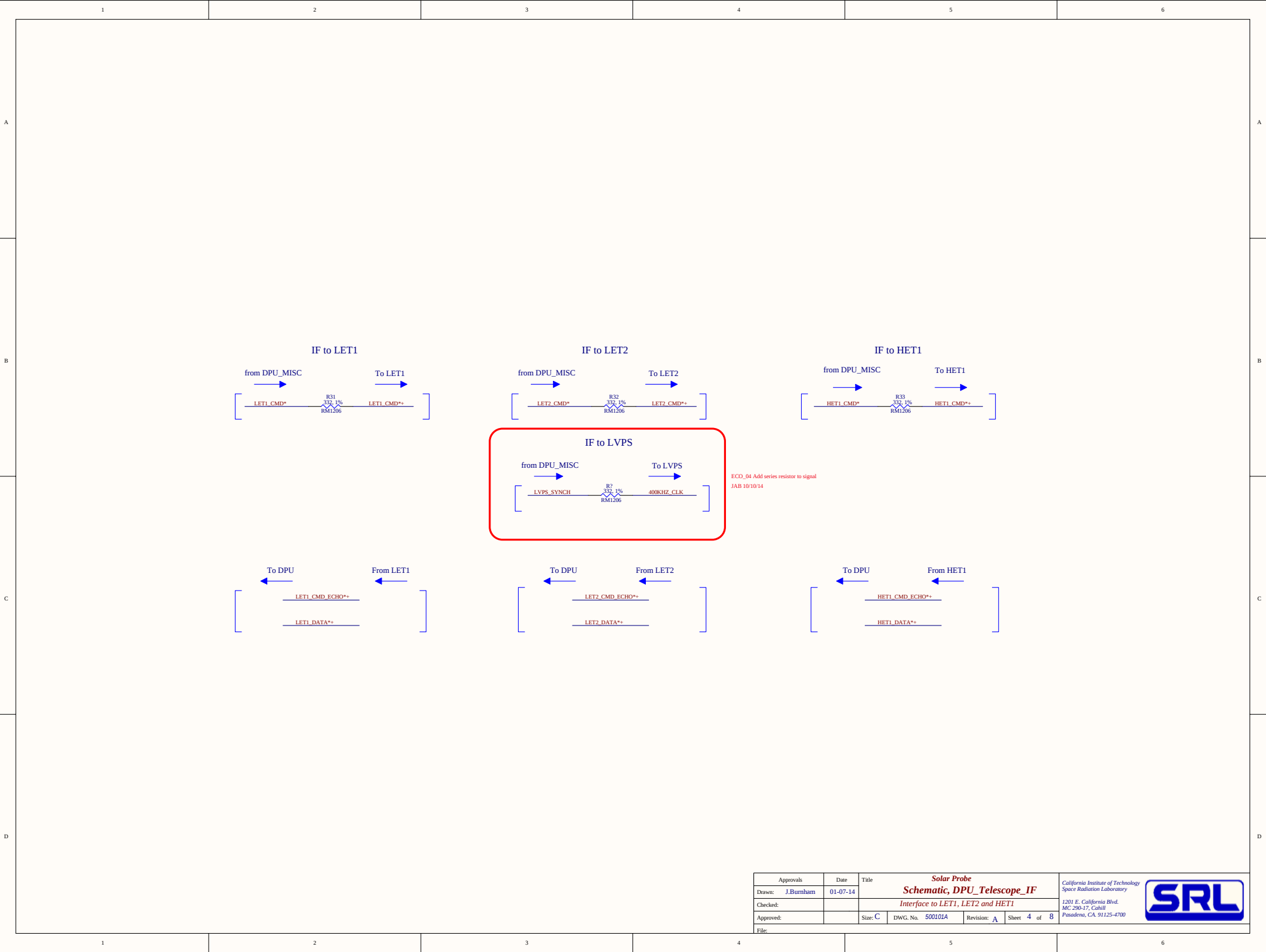


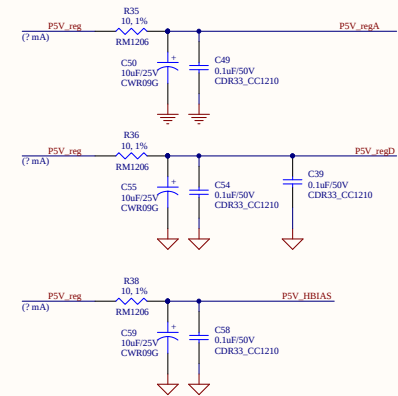
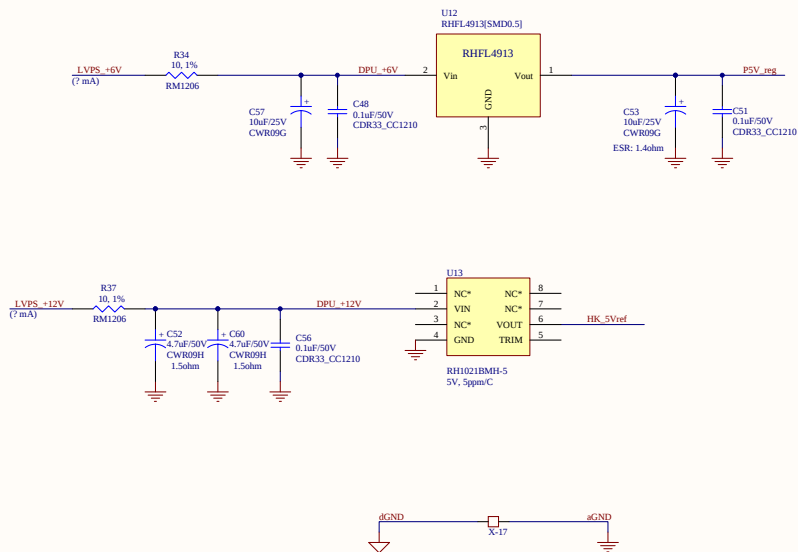
Approvals	Date	Title				California Institute of Technology Space Radiation Laboratory		
Drawn: J.Burnham	01-07-14	Solar Probe Schematic, DPU_SRAM				1201 E. California Blvd. MC 290-17, Caltech Pasadena, CA 91125-4700		
Checked:		SRAM, Power_On_Reset						
Approved:		Size: C	DWG. No. 500101A	Revision: A	Sheet 2 of 8			
File:								





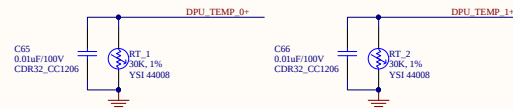
Approvals	Date	Solar Probe Schematic, DPU_SC_IF				California Institute of Technology Space Radiation Laboratory		
Drawn: J. Burnham	01-07-14							
Checked:		Spacecraft Interface						
Approved:		Size: C	DWG. No. 500101A	Revision: A	Sheet 3 of 8	1201 E. California Blvd. MC 290-17, Caltech Pasadena, CA 91125-4700		
File:								



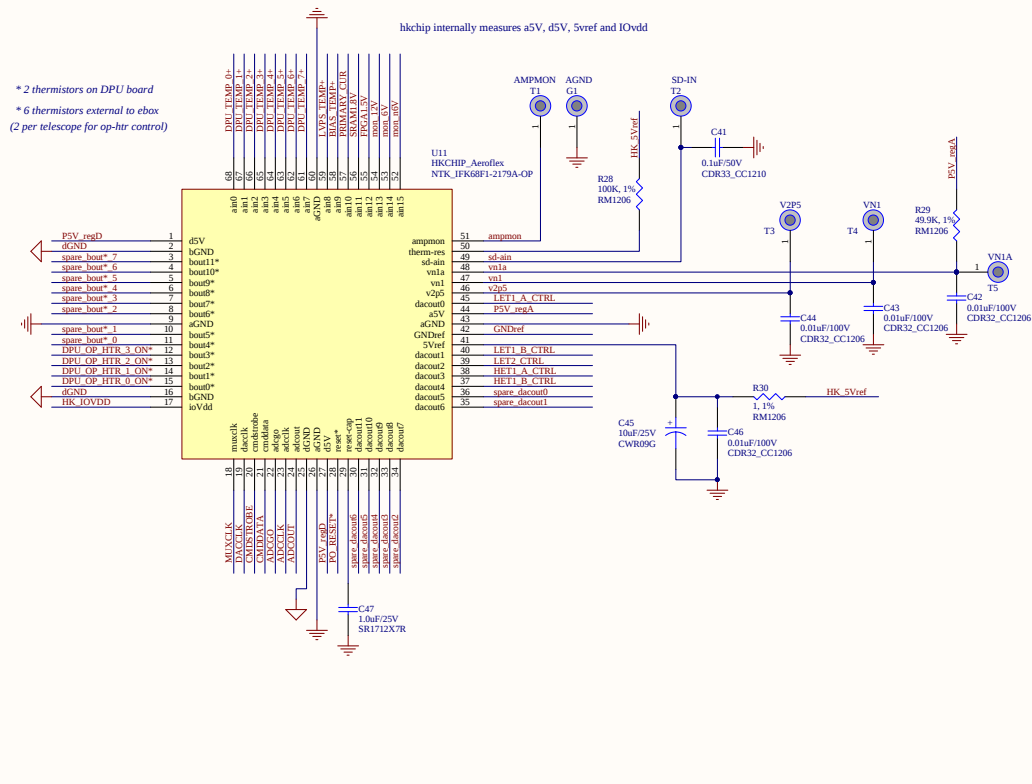


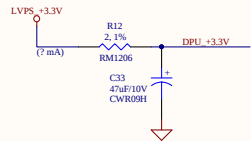
Approvals	Date	Title				California Institute of Technology Space Radiation Laboratory		
Drawn: J.Burnham	01-07-14	Solar Probe Schematic, DPU_FIXED_REG				1201 E. California Blvd. MC 290-17, Caltech Pasadena, CA 91125-4700		
Checked:		Fixed +5V Regulator						
Approved:		Size: C	DWG. No. 500101A	Revision: A	Sheet 5 of 8			
File:								



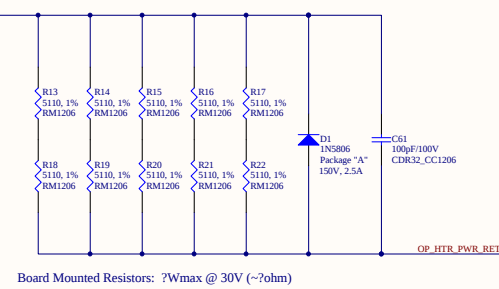
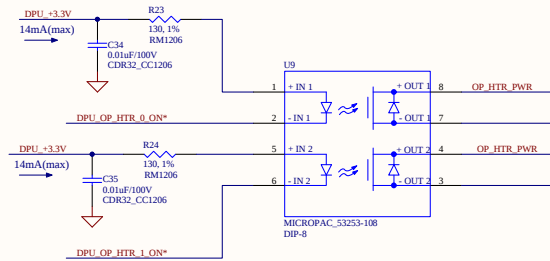


ECO 1 add measurements for +12, -6 and +6	04-11-14 JAB
ECO 2 change HK_5Vref to P5V_regA	08-11-14 JAB
ECO 3 add protection diodes	
change resistor values R40, R42 and R45	08-21-14 JAB



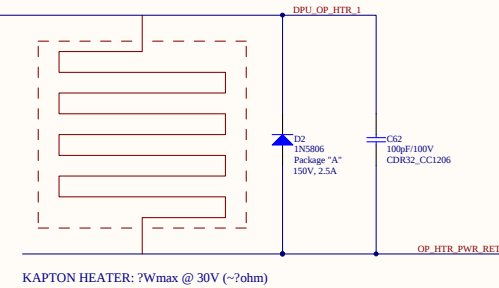


One internal OP heater on DPU board
3 external OP heaters (one per telescope)



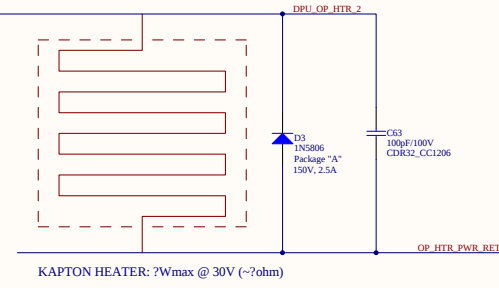
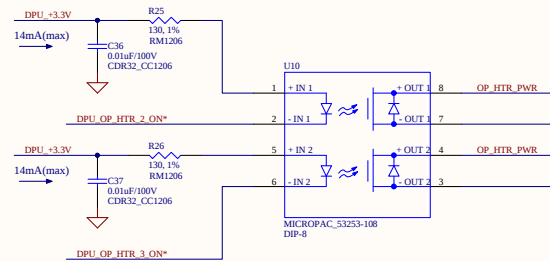
Internal OP heater on DPU board

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



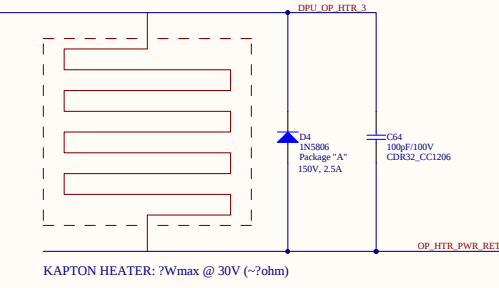
External Chassis OP heater

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		
Drawn: J. Burnham	01-07-14	Solar Probe Schematic, DPU_OP_HTR				1201 E. California Blvd. MC 290-17, Caltech Pasadena, CA 91125-4700		
Checked:		Operational Heaters						
Approved:		Size: C	DWG. No. 500101A	Revision: A	Sheet 7 of 8			
File:								

