

STELLA-1 Wiring list

Step	Front/ Back	Location 1	Location 2	color
S1 00 black wires	Front	A1	( - ) bus	
S1 00 black wires	Front	A6	( - ) bus	
S1 00 black wires	Front	A17	( - ) bus	
S1 00 black wires	Front	A32	( - ) bus	
S1 00 black wires	Front	A56	( - ) bus	
S1 00 black wires	Front	E32	F33	
S1 00 black wires	Front	I33	I36	
S1 00 black wires	Front	C36	D37	
S1 02 red wires	Front	A2	( + ) bus	
S1 02 red wires	Front	A8	( + ) bus	
S1 02 red wires	Front	A19	( + ) bus	
S1 02 red wires	Front	A28	( + ) bus	
S1 02 red wires	Front	A34	( + ) bus	
S1 02 red wires	Front	A58	( + ) bus	
S1 02 red wires	Front	E34	F34	
S1 04 yellow wires	Back	A10	A46	
S1 05 green wires	Front	J1	SCK bus ( - )	
S1 05 green wires	Front	J20	SCK bus ( - )	
S1 05 green wires	Front	J32	SCK bus ( - )	
S1 05 green wires	Front	E31	F32	
S1 05 green wires	Back	J45	SCK bus ( - )	
S1 06 blue wires	Front	H38	H41	
S1 06 blue wires	Front	F41	F51	
S1 07 violet wires	Back	A9	A45	
S1 08 grey wires	Front	E40	F40	
S1 08 grey wires	Front	G40	G54	
S1 09 white wires	Front	J2	SDA bus ( + )	
S1 09 white wires	Front	J21	SDA bus ( + )	
S1 09 white wires	Front	J31	SDA bus ( + )	
S1 09 white wires	Front	E29	F31	
S1 09 white wires	Back	J44	SDA bus ( + )	
S1 11 install pins	Back	B28 - B34	NA	WX weather
S1 11 install pins	Back	H27 - H34	NA	AT temperature
S1 11 install pins	Back	B17-B23	H17 - H23	VIS spectral
S1 11 install pins	Back	B6 - B11	I6 - I11	NIR spectral
S1 12 mount sensors	Back	B28 - B34	NA	WX weather
S1 12 mount sensors	Back	H27 - H34	NA	AT temperature
S1 12 mount sensors	Back	B17-B23	H17 - H23	VIS spectral
S1 12 mount sensors	Back	B6 - B11	I6 - I11	NIR spectral
S1 12 mount sensors	Back	E1 - E2	F1 - F2	TIR thermal
S1 13 discretes	Front	D36	D38	push button
S1 13 discretes	Front	G36	G38	push button
S1 13 discretes	Front	A40	( - ) bus	power button
S1 13 discretes	Back	C37 [ - ]	C38 [ + ]	10uF capacitor
S1 13 discretes	Back	A60	( + ) bus	100 Ω resistor
S1 13 discretes	Back	B60 [ + ]	B55 [ - ]	Red LED
S1 16 mount micro	Back	I44	I55	12 positions
S1 16 mount micro	Back	C44	C59	16 positions
S1 13 discretes	Back	36J, 37J	38J	Slot toward center