

STELLA-1 Wiring list

Line	Step	Front/ Rear	Location 1	Location 2	color	done
1	S1 00 black wires	Front	A1	(-) bus		<input type="checkbox"/>
2	S1 00 black wires	Front	A6	(-) bus		<input type="checkbox"/>
3	S1 00 black wires	Front	A17	(-) bus		<input type="checkbox"/>
4	S1 00 black wires	Front	A32	(-) bus		<input type="checkbox"/>
5	S1 00 black wires	Front	A56	(-) bus		<input type="checkbox"/>
6	S1 00 black wires	Front	E32	F33		<input type="checkbox"/>
7	S1 00 black wires	Front	I33	I36		<input type="checkbox"/>
8	S1 00 black wires	Front	C36	D37		<input type="checkbox"/>
9	S1 01 brown wires	Rear	B39	B54		<input type="checkbox"/>
10	S1 02 red wires	Front	A2	(+) bus		<input type="checkbox"/>
11	S1 02 red wires	Front	A8	(+) bus		<input type="checkbox"/>
12	S1 02 red wires	Front	A19	(+) bus		<input type="checkbox"/>
13	S1 02 red wires	Front	A28	(+) bus		<input type="checkbox"/>
14	S1 02 red wires	Front	A34	(+) bus		<input type="checkbox"/>
15	S1 02 red wires	Front	A58	(+) bus		<input type="checkbox"/>
16	S1 02 red wires	Front	E34	F34		<input type="checkbox"/>
17	S1 03 orange wires	Rear	I26	I39		<input type="checkbox"/>
18	S1 03 orange wires	Rear	J39	J55 (leave slack)		<input type="checkbox"/>
19	S1 04 yellow wires	Rear	A10	A46 (leave slack)		<input type="checkbox"/>
20	S1 04 yellow wires	Rear	B25	A53 (leave slack)		<input type="checkbox"/>
21	S1 05 green wires	Front	J1	SCK bus (-)		<input type="checkbox"/>
22	S1 05 green wires	Front	J20	SCK bus (-)		<input type="checkbox"/>
23	S1 05 green wires	Front	J32	SCK bus (-)		<input type="checkbox"/>
24	S1 05 green wires	Front	E31	F32		<input type="checkbox"/>
25	S1 05 green wires	Rear	J45	SCK bus (-)		<input type="checkbox"/>
26	S1 06 blue wires	Front	H38	H41		<input type="checkbox"/>
27	S1 06 blue wires	Front	F41	F51		<input type="checkbox"/>
28	S1 07 violet wires	Rear	A9	A45 (leave slack)		<input type="checkbox"/>
29	S1 07 violet wires	Rear	B24	A52 (leave slack)		<input type="checkbox"/>
30	S1 08 grey wires	Front	E40	F40		<input type="checkbox"/>
31	S1 08 grey wires	Front	G40	G54		<input type="checkbox"/>
32	S1 08 grey wires	Rear	D40	D26 (leave slack)		<input type="checkbox"/>
33	S1 09 white wires	Front	J2	SDA bus (-)		<input type="checkbox"/>
34	S1 09 white wires	Front	J21	SDA bus (-)		<input type="checkbox"/>
35	S1 09 white wires	Front	J31	SDA bus (-)		<input type="checkbox"/>
36	S1 09 white wires	Front	E29	F31		<input type="checkbox"/>
37	S1 09 white wires	Rear	J44	SDA bus (-)		<input type="checkbox"/>
38	S1 10 modify NIR	Front/Rear	JP1 open	JP2 close		<input type="checkbox"/>
39	S1 11 sensor pins	Rear	B6 - B11	I6 - I11	pins for NIR spectral	<input type="checkbox"/>
40	S1 11 sensor pins	Rear	B17-B23	H17 - H23	pins for VIS spectral	<input type="checkbox"/>
41	S1 11 sensor pins	Rear	B28 - B34	NA	pins for WX weather	<input type="checkbox"/>
42	S1 11 sensor pins	Rear	H27 - H34	NA	pins for AT temperature	<input type="checkbox"/>
43	S1 12 mount sensors	Rear	B6 - B11	I6 - I11	NIR spectral	<input type="checkbox"/>
44	S1 12 mount sensors	Rear	B17-B23	H17 - H23	VIS spectral	<input type="checkbox"/>
45	S1 12 mount sensors	Rear	B28 - B34	NA	WX weather	<input type="checkbox"/>
46	S1 12 mount sensors	Rear	H27 - H34	NA	AT temperature	<input type="checkbox"/>
47	S1 12 mount sensors	Rear	E1 - E2	F1 - F2	TIR thermal	<input type="checkbox"/>
48	S1 13 discretes	Rear	B39	(-) bus	10 kΩ resistor	<input type="checkbox"/>
49	S1 13 discretes	Rear	D39	G39	10 kΩ resistor	<input type="checkbox"/>
50	S1 13 discretes	Rear	C37 [-]	C38 [+]	10uF capacitor	<input type="checkbox"/>
51	S1 13 discretes	Rear	A60	(+) bus	100 Ω resistor	<input type="checkbox"/>
52	S1 13 discretes	Rear	B60 [+]	B55 [-]	Red LED (bend leads)	<input type="checkbox"/>
53	S1 13 discretes	Front	D36, 38	G36, 38	push button	<input type="checkbox"/>
54	S1 13 discretes	Front	A40	(-) bus	power button	<input type="checkbox"/>
55	S1 14 modify logger	Front	SDCS	reroute to 11	yellow	<input type="checkbox"/>
56	S1 15 assemble micro		12 pin	16 pin	stacking headers	<input type="checkbox"/>
57	S1 16 mount micro	Rear	I44	I55	12 positions	<input type="checkbox"/>
58	S1 16 mount micro	Rear	C44	C59	16 positions	<input type="checkbox"/>
59	S1 17 connectors	Rear	J36, 37, 38	slot towards center	3 pin JST	<input type="checkbox"/>

Line	Step	Front/ Rear	Location 1	Location 2	color	done
60	S1 17 connectors	Breadboard	A24,25,26		pins fixture	<input type="checkbox"/>
61	S1 17 connectors	Breadboard	J24,25,26		pins fixture	<input type="checkbox"/>
62	S1 17 connectors	Breadboard	A3,4,5		pins fixture	<input type="checkbox"/>
63	S1 17 connectors	Breadboard	(+) bus	near J3,4,5	pins fixture	<input type="checkbox"/>
64	S1 17 connectors	Front	J24,25,26		short header socket	<input type="checkbox"/>
65	S1 17 connectors	Front	A24,25,26		short header socket	<input type="checkbox"/>
66	S1 17 connectors	Front	J3,4,5		short header socket	<input type="checkbox"/>
67	S1 17 connectors	Front	(-) bus	near A3,4,5	short header socket	<input type="checkbox"/>