

8-CHANNEL CONTROLLER EXTERNAL DRIVE I/O

Hamilton Spectrograph Onboard I/O							
PIN	I/O	LABEL	SIGNAL	FUNCTION	I/O A-D	CONN	PIN
2	0	PWM C/Step C	-	-	-	-	-
5	0	Sign C/Dir C	-	-	-	-	-
7	0	Amp enable A	-	-	-	-	-
8	0	Amp enable D	-	-	-	-	-
16	0	PWM A/Step A	-	-	-	-	-
18	0	PWM D/Step D	-	-	-	-	-
19	0	Sign A/Dir A	-	-	-	-	-
21	0	Sign D/Dir D	-	-	-	-	-
22	0	AEC1	-	-	-	-	-
23	0	Amp enable C	-	-	-	-	-
31	0	PWM B/Step B	-	-	-	-	-
34	0	Sign B/Dir B	-	-	-	-	-
37	0	Amp Enable B	-	-	-	-	-
38	0	AEC2	-	-	-	-	-
-	0	-	-	-	-	-	-
-	0	-	-	-	-	-	-

Hamilton Spectrograph Onboard I/O							
PIN	I/O	LABEL	SIGNAL	FUNCTION	I/O A-D	CONN	PIN
2	0	PWM G/Step G	-	-	-	-	-
5	0	Sign G/Dir G	-	-	-	-	-
7	0	Amp enable E	-	-	-	-	-
8	0	Amp enable H	-	-	-	-	-
16	0	PWM E/Step E	-	-	-	-	-
18	0	PWM H/Step H	-	-	-	-	-
19	0	Sign E/Dir E	-	-	-	-	-
21	0	Sign H/Dir H	-	-	-	-	-
22	0	AEC1	-	-	-	-	-
23	0	Amp enable G	-	-	-	-	-
31	0	PWM F/Step F	-	-	-	-	-
34	0	Sign F/Dir F	-	-	-	-	-
37	0	Amp Enable F	-	-	-	-	-
38	0	AEC2	-	-	-	-	-
-	0	-	-	-	-	-	-
-	0	-	-	-	-	-	-

REVISIONS http://loel.ucolick.org/manual/Hamilton_II/schematics/HAM_II_in_out_sh_3.pdf

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UNIVERSITY OF CALIFORNIA LICK OBSERVATORY		INPUT/OUTPUT SIGNAL ASSIGNMENTS HAMILTON SPECTROGRAPH II	
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