

GALIL DMC-4080  
J2 GENERAL I/O AXES E THRU H

GALIL	TO	FUNCTION	GALIL	TO	FUNCTION
1 Error output*	-	-	23 Reverse limit F-isolated	J16 - I	CALIBRATION LAMPS REVERSE LIMIT
2 Input 9-isolated	-	DECKER STAGE DRIVE ERROR SIGNAL	24 Reverse limit G-isolated	J17 - I	SCIENCE FLITER WHEEL REVERSE LIMIT
3 Input 12-isolated	-	-	25 Reverse limit H-isolated	J18 - I	(UNASSIGNED)
4 Input 15-isolated	J3-I	QTZ_IN	26 NC	-	-
5 Elect Lockout-iso. input*	-	-	27 Output 10-isolated	AC_J1-2	ThAr POWER OUTLET
6 Limit switch common	-	ISO5V	28 Output 13-isolated	-	-
7 Home E-isolated	J15 - J	DECKER STAGE HOME	29 Output 16-isolated	J3-J	QTZ_OUT
8 Home F-isolated	J16 - J	CALIBRATION LAMPS HOME	30 +5 V out	-	-
9 Home G-isolated	J17 - J	SCIENCE FLITER WHEEL HOME	31 Ground	-	-
10 Home H-isolated	J18 - J	(UNASSIGNED)	32 Input 10-isolated	-	CALIBRATION LAMPS DRIVE ERROR SIGNAL
11 Output power+	-	-	33 Input 13-isolated	J3-F	ThAr TURNING MIRROR IN BEAM
12 Output 11-isolated	AC_J1-3	ThAr MIRROR POWER OUTLET	34 Input 16-isolated	-	-
13 Output 14-isolated	-	-	35 Ground	-	-
14 Output return-	-	-	36 Forward limit E-isolated	J15 - H	DECKER STAGE FORWARD LIMIT
15 +5 V out	-	-	37 Forward limit F-isolated	J16 - H	CALIBRATION LAMPS FORWARD LIMIT
16 Reset-isolated*	-	-	38 Forward limit G-isolated	J17 - H	SCIENCE FLITER WHEEL FORWARD LIMIT
17 Input common	-	-	39 Forward limit H-isolated	J18 - H	(UNASSIGNED)
18 Input 11-isolated	-	SCIENCE FLITER WHEEL DRIVE ERROR SIGNAL	40 Ground	-	-
19 Input 14-isolated	J3-G	ThAr TURNING MIRROR OUT	41 Output 9-isolated	AC_J1-1	POLAR QUARTZ POWER OUTLET
20 Abort-isolated*	-	-	42 Output 12-isolated	AC_J1-4	IODINE TEMPERATURE CTRL POWER OUTLET
21 NC	-	-	43 Output 15-isolated	-	-
22 Reverse limit E-isolated	J15 - I	DECKER STAGE REVERSE LIMIT	44 Output Compare E-H	-	-

AXIS E: DECKER  
AXIS F: SCIENCE FILTER WHEEL  
AXIS G: CALIBRATION LAMPS  
AXIS H: (UNASSIGNED)

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REVISIONS

[http://loel.ucolick.org/manual/Hamilton\\_II/schematics/HAM\\_II\\_box\\_wiring\\_sh\\_9.pdf](http://loel.ucolick.org/manual/Hamilton_II/schematics/HAM_II_box_wiring_sh_9.pdf)

- 02-16-10 COMPLETED FUNCTION CALL-OUTS - HOME AND LIMITS
- 06-09-10 ADDED AC OUTLET SIGNALS TO OUTPUTS 9-12
- 09-23-10 ADDED SIGNALS FOR POLAR QTZ AND TURNING MIRROR STATUS INPUTS (LIMITS)

<b>UNIVERSITY OF CALIFORNIA LICK OBSERVATORY</b>		<b>8-CHANNEL CONTROLLER GENERAL I/O E - H HAMILTON SPECTROGRAPH II</b>	
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