

Laserglow
Controller
LRS-0671-P10-01000-05
S.N. 14070574
12 VDC O.E.M.

J1 CON14			
1	LDRT+	GRY (THIN)	0.1mA
2	LD+	VIO/VIO	5A
3	FAN+	VIO (THIN)	
4	LD-	BLK/BLK	5A
5	FAN-	BLK (THIN)	
6	LDTEC-	WHT	6A
7	CRYSTAL RT-	SILVER/BLUE	0.1mA
8	CRYSTAL RT+	GRN (THIN)	0.1mA
9	CRYSTAL TEC+	GRN	6A
10	LDTEC+	GRY	6A
11	LDRT-	BRN	0.1mA
12	CRYSTAL TEC-	BLU	6A
13	PD-	ORG	0.1mA
14	PD+	RED	0.1mA

J2 Term Strip		
1	GND	
2	LEVEL (0-5V)	
3	GND	
4	GND	
5	+12VDC	
6	+12VDC	

S1 794196-1			
1	VIOLET	LD+	
2	VIOLET	LD+	
3	BLACK	LD-	
4	BLUE	CRYSTAL TEC-	
5	GREEN	CRYSTAL TEC+	
6	VIOLET	LD+	
7	BLACK	LD-	
8	BLACK	LD-	
9	WHITE	LDTEC-	
10	GREY	LDTEC+	

S2 70107-0007			
1	CRYSTAL RT+		
2	FAN+		
3	FAN-		
4	CRYSTAL RT-		
5	LDRT+		
6	LDRT-		
7	PD+		
8	PD-		

J25 Screw Term		
1	+VOUT	
2	-VOUT	
3	DI2/UP	
4	DI2/DOWN	
5	DEFAULT	
6	TXD (From DGH)	
7	RXD (To DGH)	
8	V+	
9	GND	
10	GND	

J28 Screw Term		
1	CH3	
2	CH2	
3	CH1	
4	CH0	
5	AGND	
6	DEFAULT	
7	TXD (From DGH)	
8	RXD (To DGH)	
9	V+	
10	GND	

J1 1725669		
1		
2		
3		

J1 MIN-M-25-FCR			
1	LD+	20 AWG	VIO
2	LD+	20 AWG	VIO
3			
4			
5	CRYSTAL RT+	24 AWG	GRN
6	LD-	20 AWG	BLK
7	LD-	20 AWG	BLK
8	FAN+	20 AWG	WHT/BLK
9	FAN-	20 AWG	WHT/BRN
10	CRYSTAL RT-	24 AWG	BLU
11	CRYSTAL TEC+	20 AWG	GRN
12	CRYSTAL TEC+	20 AWG	GRN
13	LD+	20 AWG	WHT/RED
14	LD-	20 AWG	WHT/ORG
15	LDRT+	24 AWG	GRY
16	LDRT-	24 AWG	BRN
17	CRYSTAL TEC-	20 AWG	BLU
18	CRYSTAL TEC-	20 AWG	BLU
19	LDTEC+	20 AWG	GRY
20	LDTEC+	20 AWG	GRY
21	PD+	22 AWG	RED
22	PD-	22 AWG	ORG
23	LDTEC-	20 AWG	WHT
24	LDTEC-	20 AWG	WHT
25		20 AWG	WHT/YEL

DGH Corp
Model D4171
Analog Output
Module

DGH Corp
Model D5131
Analog Input
Module

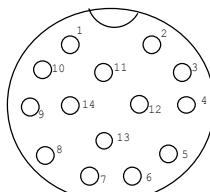
MBARI
Humidity Bd

TS1
CBB304

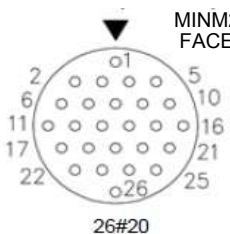
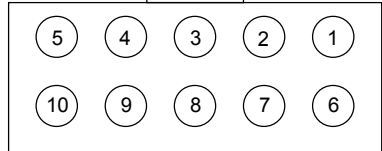
TS2
CBB304

Vicor Micro
Carrier Board
3xxV:12V
75W

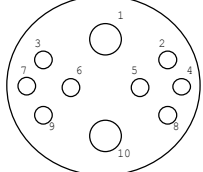
J2 MIN-K-10L		
1	20 AWG	-IN
2		
3		
4		
5		FRAME GND
6	22 AWG	TXD (From DGH)
7	22 AWG	RXD (To DGH)
8	22 AWG	GND
9		
10	20 AWG	+IN



794196-1
FACE VIEW



MIN-K-10L FCR
Female Insert View



Wiring Notes

Use MBARI color codes for wires



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Engineer	Size	Document Number	Title	Project
<Engineer>	C	<Doc>	Controller Housing	<Project>
Designer	Part Number	Project File	Rev	
<Designer>	<Part Number>	<Project File>	<Rev>	
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