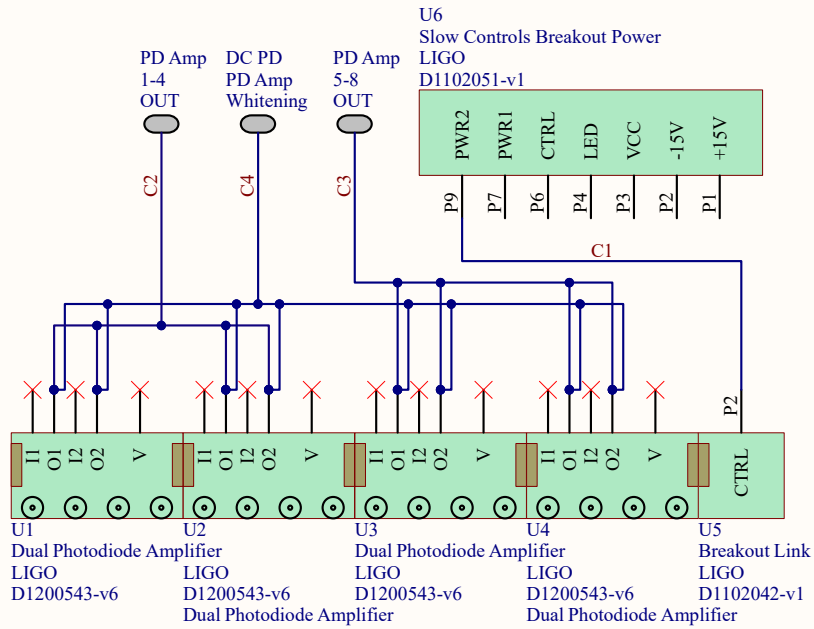


PD In/Out

Power



PD Monitors

C1 Cable Assembly
Digi-Key
M3CCA-5018J-ND

E33 Screwlock kit
L-Com
SDG400XS

- E1 BNC lock washer
- E2 BNC nut
- E3 BNC lock washer
- E4 BNC nut
- E5 BNC lock washer
- E6 BNC nut
- E7 BNC lock washer
- Digi-Key A97567-ND
- E8 BNC nut
- Digi-Key A97566-ND

- E9 BNC lock washer
- E10 BNC nut
- E11 BNC lock washer
- E12 BNC nut
- E13 BNC lock washer
- E14 BNC nut
- E15 BNC lock washer
- E16 BNC nut

- E17 BNC lock washer
- E18 BNC nut
- E19 BNC lock washer
- E20 BNC nut
- E21 BNC lock washer
- E22 BNC nut
- E23 BNC lock washer
- E24 BNC nut

- E25 BNC lock washer
- E26 BNC nut
- E27 BNC lock washer
- E28 BNC nut
- E29 BNC lock washer
- E30 BNC nut
- E31 BNC lock washer
- E32 BNC nut

- H1 Handle, 1.25"
- H2 Handle, 1.25"
- Mouser 534-9106
- H3 Ferrule
- H4 Ferrule
- H5 Ferrule
- H6 Ferrule
- Mouser 534-9121

- M1 #6-32 1/4" flat
- M2 #6-32 1/4" flat
- M3 #6-32 1/4" flat
- M4 #6-32 1/4" flat
- M5 #6-32 1/4" flat
- M6 #6-32 1/4" flat
- McMaster-Carr 91099A205
- M7 #6-32 3/8" flat
- M8 #6-32 3/8" flat
- M9 #6-32 3/8" flat
- M10 #6-32 3/8" flat
- McMaster-Carr 91099A215

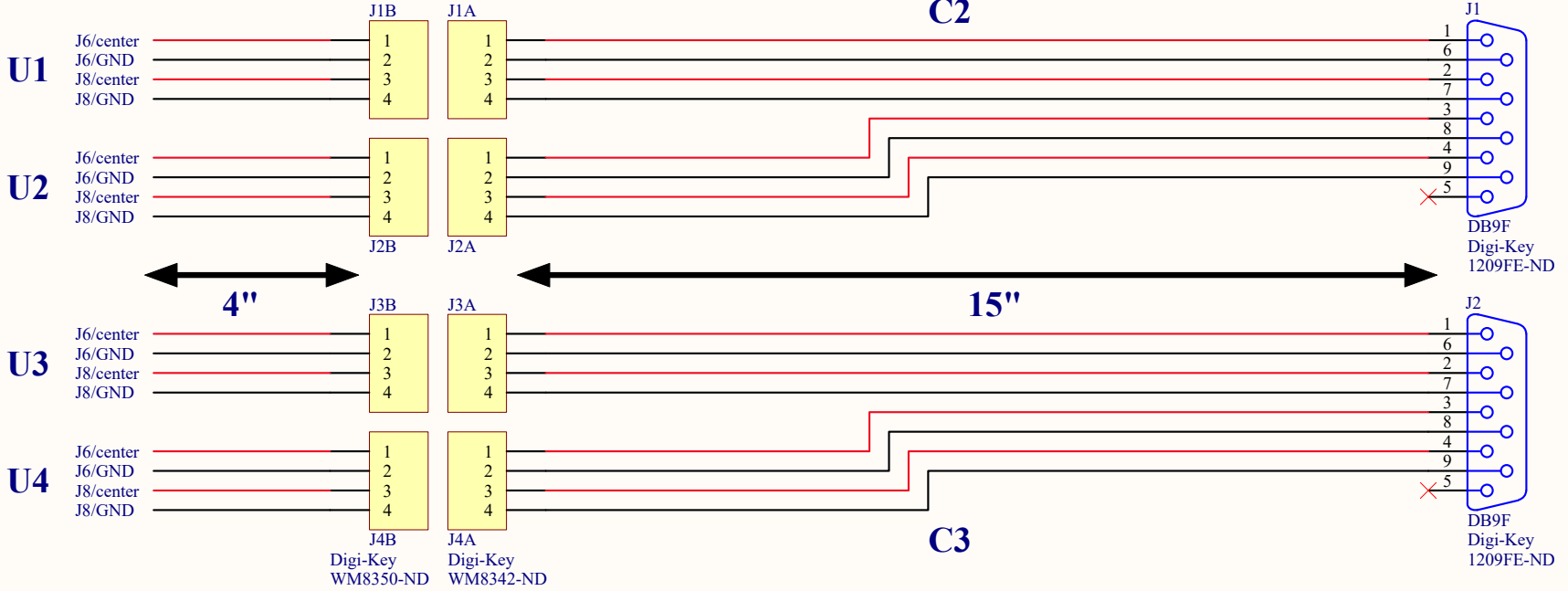
- E34 #6-32 1/4" flat
- E35 #6-32 1/4" flat
- E36 #6-32 1/4" flat
- E37 #6-32 1/4" flat
- E38 #6-32 1/4" flat
- McMaster-Carr 91099A205

- E39 #4-40 3/16" flat
- E40 #4-40 3/16" flat
- E41 #4-40 3/16" flat
- E42 #4-40 3/16" flat
- E43 #4-40 3/16" flat
- E44 #4-40 3/16" flat
- E45 #4-40 3/16" flat
- E46 #4-40 3/16" flat
- E47 #4-40 3/16" flat
- E48 #4-40 3/16" flat
- E49 #4-40 3/16" flat
- E50 #4-40 3/16" flat
- E51 #4-40 3/16" flat
- E52 #4-40 3/16" flat
- E53 #4-40 3/16" flat
- E54 #4-40 3/16" flat
- E55 #4-40 3/16" flat
- E56 #4-40 3/16" flat
- E57 #4-40 3/16" flat
- E58 #4-40 3/16" flat
- E59 #4-40 3/16" flat
- E60 #4-40 3/16" flat

- E61 #4-40 3/16" flat
- E62 #4-40 3/16" flat
- E63 #4-40 3/16" flat
- E64 #4-40 3/16" flat
- E65 #4-40 3/16" flat
- E66 #4-40 3/16" flat
- E67 #4-40 3/16" flat
- E68 #4-40 3/16" flat
- E69 #4-40 3/16" flat
- E70 #4-40 3/16" flat
- E71 #4-40 3/16" flat
- E72 #4-40 3/16" flat
- E73 #4-40 3/16" flat
- E74 #4-40 3/16" flat
- E75 #4-40 3/16" flat
- E76 #4-40 3/16" flat
- E77 #4-40 3/16" flat
- E78 #4-40 3/16" flat
- E79 #4-40 3/16" flat
- E80 #4-40 3/16" flat
- E81 #4-40 3/16" flat
- E82 #4-40 3/16" flat
- PN1 Front Panel LIGO D070012-A
- PN2 Front Panel LIGO D1700180-v1
- PN3 Rear Panel LIGO D1700181-v1

Title Controls Concentrator Aux 8 Assembly		
Size A	Number D1700179	Revision 1
Date: 4/13/2017	Sheet 1 of 3	
File: C:\Users\...\ConcentratorAux8Assembly1	Scribble By: Daniel Sigg	

Cable Assembly for Dual Photodiode Amplifier



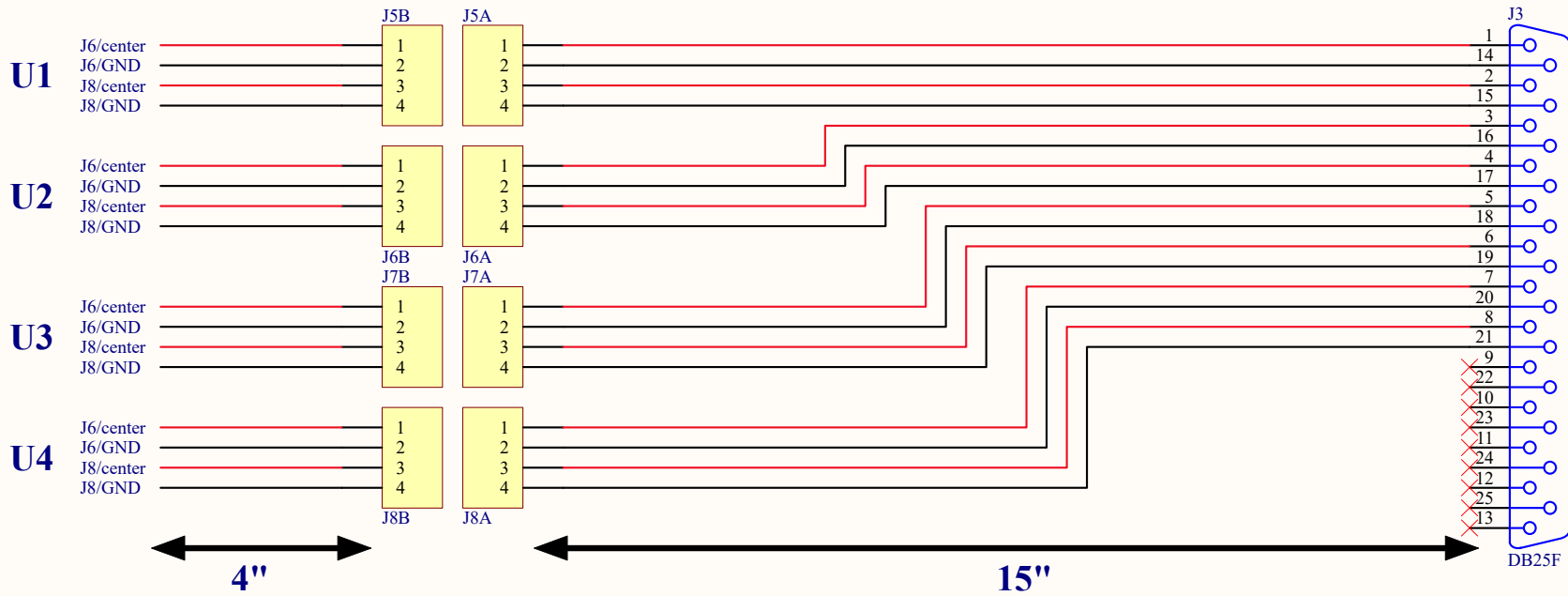
E83	Female pin	E91	Female pin	E99	Male pin	E107	Male pin
E84	Female pin	E92	Female pin	E100	Male pin	E108	Male pin
E85	Female pin	E93	Female pin	E101	Male pin	E109	Male pin
E86	Female pin	E94	Female pin	E102	Male pin	E110	Male pin
E87	Female pin	E95	Female pin	E103	Male pin	E111	Male pin
E88	Female pin	E96	Female pin	E104	Male pin	E112	Male pin
E89	Female pin	E97	Female pin	E105	Male pin	E113	Male pin
E90	Female pin	E98	Female pin	E106	Male pin	E114	Male pin
		Digi-Key WM8345-ND		Digi-Key WM8344-ND			

C2 and C4 need to be soldered into U1/U2 to the same pads.
C3 and C4 need to be soldered into U3/U4 to the same pads.

Title Controls Concentrator Aux 8 Assembly		
Size A	Number D1700179	Revision 1
Date: 4/13/2017	Sheet 2 of 3	
File: C:\Users\...\ConcentratorAux8Assembly2	SCLD By: Daniel Sigg	

Cable Assembly for Dual Photodiode Amplifier

C4



E115	Female pin	E123	Female pin	E131	Male pin	E139	Male pin
E116	Female pin	E124	Female pin	E132	Male pin	E140	Male pin
E117	Female pin	E125	Female pin	E133	Male pin	E141	Male pin
E118	Female pin	E126	Female pin	E134	Male pin	E142	Male pin
E119	Female pin	E127	Female pin	E135	Male pin	E143	Male pin
E120	Female pin	E128	Female pin	E136	Male pin	E144	Male pin
E121	Female pin	E129	Female pin	E137	Male pin	E145	Male pin
E122	Female pin	E130	Female pin	E138	Male pin	E146	Male pin
		Digi-Key WM8345-ND				Digi-Key WM8344-ND	

C2 and C4 need to be soldered into U1/U2 to the same pads.
C3 and C4 need to be soldered into U3/U4 to the same pads.

Title		
Controls Concentrator Aux 8 Assembly		
Size	Number	Revision
A	D1700179	1
Date:	4/13/2017	Sheet 3 of 3
File:	C:\Users\...\ConcentratorAux8Assembly3.SchDoc By: Daniel Sigg	