

IO  
FlipperInterface2.SchDoc

EtherCAT  
FlipperInterface4.SchDoc

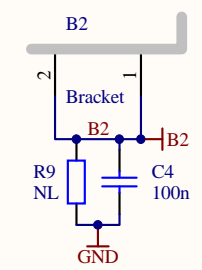
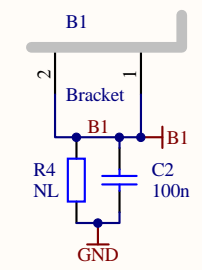
- H1 #4 screw, flat, 1/2"
- H2 #4 screw, flat, 1/2"
- McMaster-Carr 90273A110
- H3 #4 lock washer
- H5 #4 lock washer
- H7 #4 nut
- H8 #4 nut
- H10 insulator
- H12 insulator
- Mouser 532-53-77-4ACG
- H14 insulating shoulder washer
- H16 insulating shoulder washer
- Mouser 532-7721-7PPS

- PN1 Front Panel
- LIGO D1101009-v1
- PN2 Rear Panel
- LIGO D1101010-v1
- PN3 Top Panel
- LIGO D1101011-v1
- PN4 Bottom Panel
- LIGO D1101011-v1
- PN5 Side Panel
- PN7 Side Panel
- LIGO D1101012-v1
- PN9 Housing profile
- PN10 Housing profile
- PN12 Housing profile
- PN13 Housing profile
- Frontpanel Express Side profile 1, 75mm

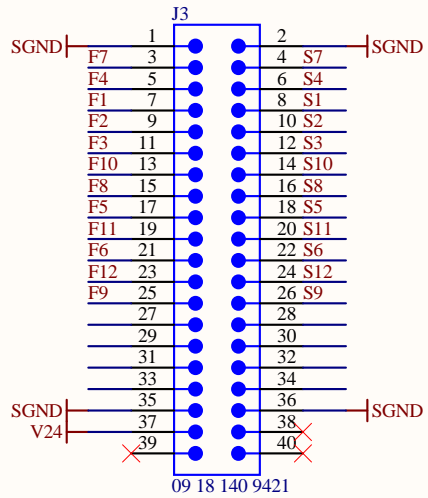
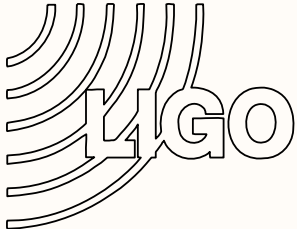
- H4 #4 screw, 3/8"
- H6 #4 screw, 3/8"
- McMaster-Carr 90272A108
- H9 #4 lock washer
- H11 #4 lock washer
- McMaster-Carr 91113A005
- H13 #4 nut
- H15 #4 nut
- McMaster-Carr 90480A005

- H17 #4 screw, 3/8"
- H18 #4 screw, 3/8"
- H19 #4 lock washer
- H20 #4 lock washer
- H21 #4 nut
- H22 #4 nut

- PN6 Housing bracket
- Frontpanel Express Housing bracket 8 x per unit, natural anodized
- PN8 Assembly kit
- Frontpanel Express Assembly kit IGP/B6.0-NI DIN 965, nickel-plated
- PN11 Screw kit
- Frontpanel Express Screw packet M3x6-965-NI DIN 965, nickel-plated



Title			<b>Flipper Interface</b>		
Size	Number	Revision			
A	<b>D1101008</b>	<b>1</b>			
Date:	5/30/2011	Sheet 1 of	4		
File:	C:\Users\...\FlipperInterface1.SchDoc	Drawn By:	Daniel Sigg		

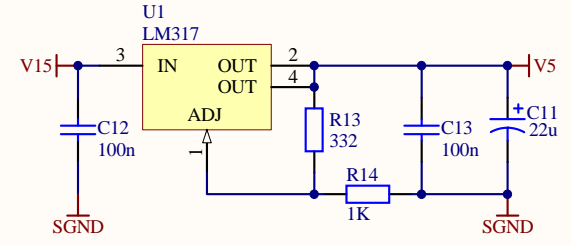
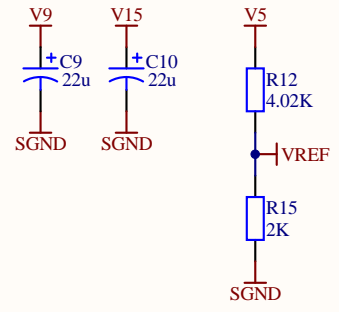
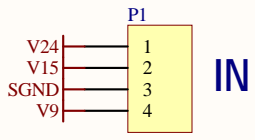
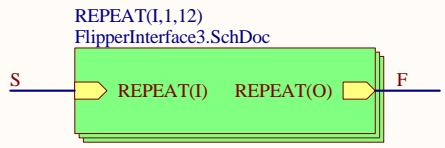


- H23 D-sub, 37-pin, female  
Digi-Key  
AFL37B-ND
- H30 IDC cable  
Digi-Key  
H1CXH-4036G-ND
- H36 screw lock
- H39 screw lock  
Digi-Key  
5207953-2-ND

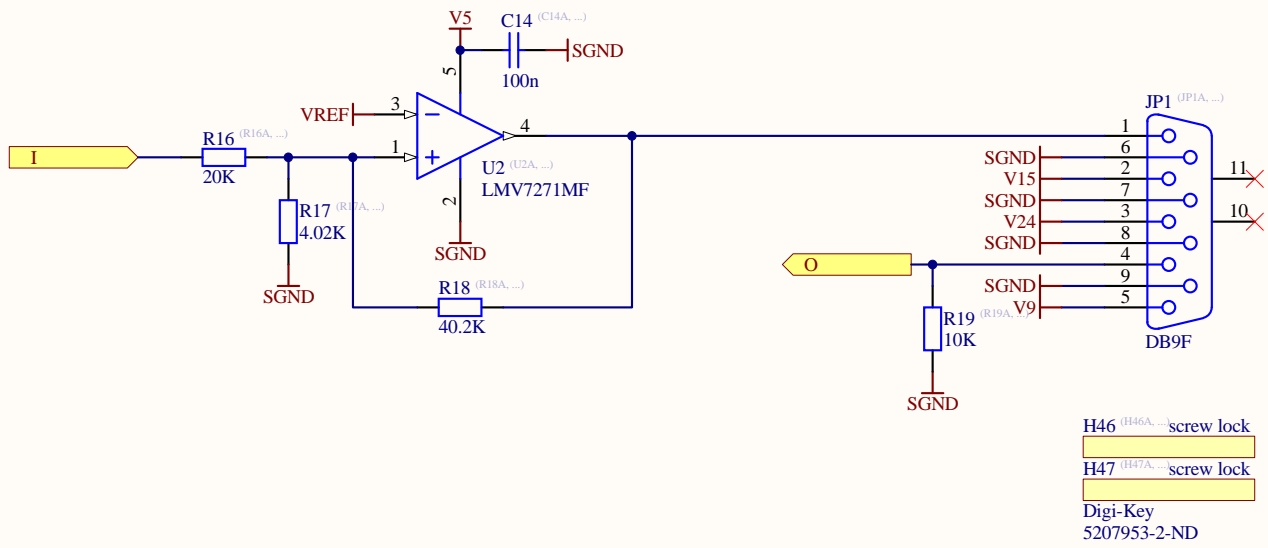
- H24 CPC, size 13, 9pin  
Digi-Key  
A1303-ND
- H31 CPC pin
- H33 CPC pin
- H35 CPC pin
- H38 CPC pin  
Digi-Key  
A1342-ND

- H25 #4 screw, flat, 1/2"
- H27 #4 screw, flat, 1/2"
- H29 #4 screw, flat, 1/2"
- H32 #4 screw, flat, 1/2"
- H34 #4 lock washer
- H37 #4 lock washer
- H40 #4 lock washer
- H41 #4 lock washer
- H42 #4 nut
- H43 #4 nut
- H44 #4 nut
- H45 #4 nut

- H26 #6-32 1/4" flat
- H28 #6-32 1/4" flat  
McMaster-Carr  
91099A205

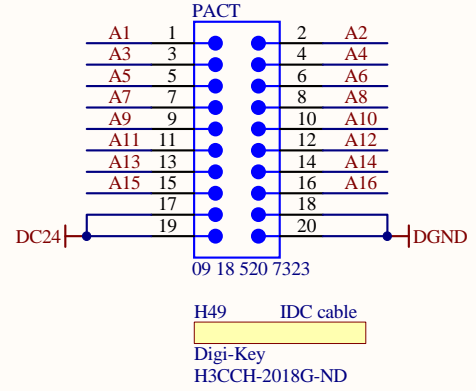
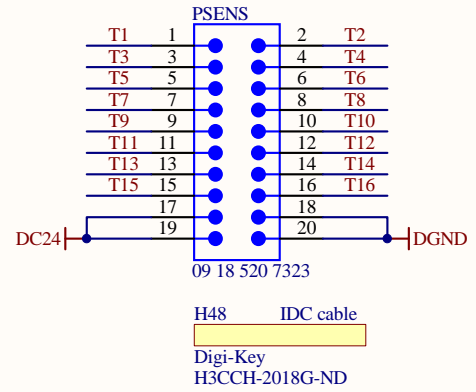
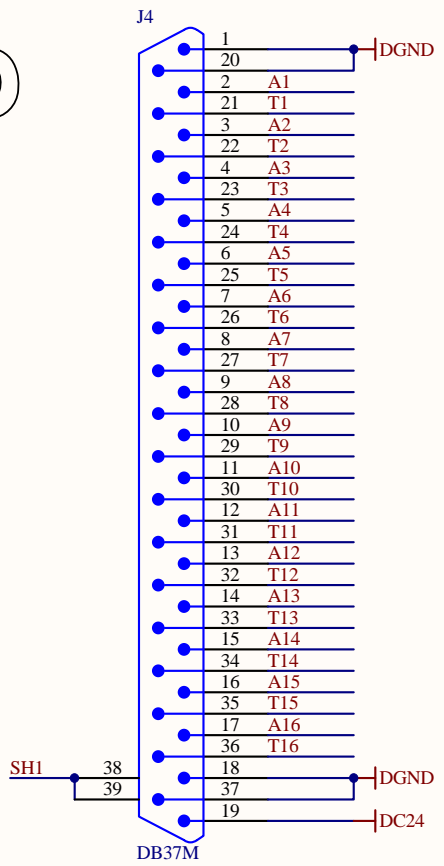
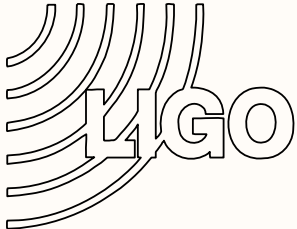


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File:	C:\Users\...\FlipperInterface2.SchDoc	Drawn By: Daniel Sigg

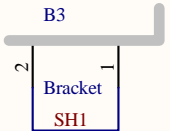


H46 (H46A, ...) screw lock  
 H47 (H47A, ...) screw lock  
 Digi-Key  
 5207953-2-ND

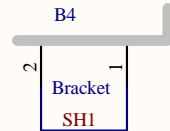
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A	<b>D1101008</b>	<b>1</b>			
Date:	5/30/2011	Sheet 3 of	4		
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- H50 #4 screw, 3/8"
- H52 #4 screw, 3/8"
- H54 #4 lock washer
- H56 #4 lock washer
- H58 #4 nut
- H60 #4 nut



- H51 #4 screw, 3/8"
- H53 #4 screw, 3/8"
- H55 #4 lock washer
- H57 #4 lock washer
- H59 #4 nut
- H61 #4 nut



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