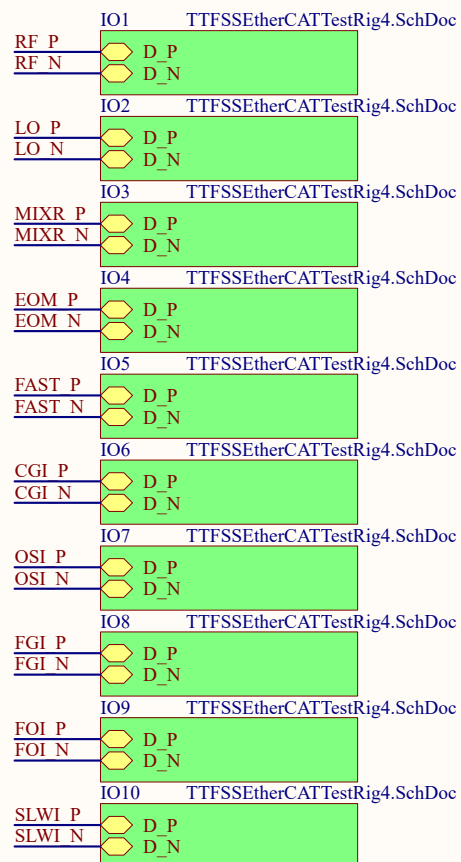
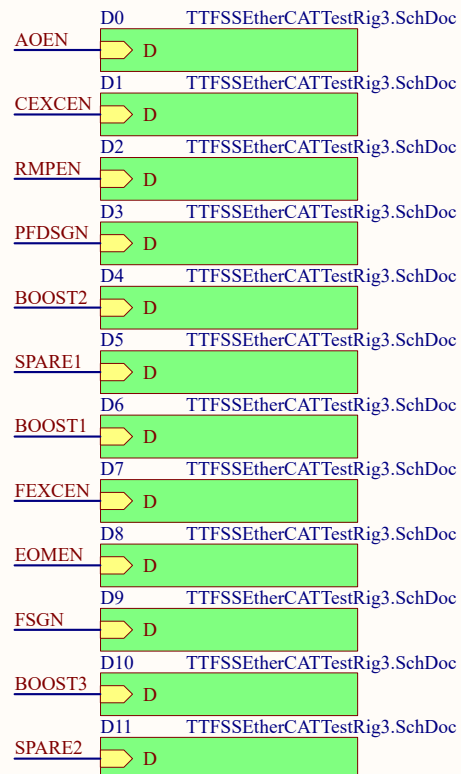
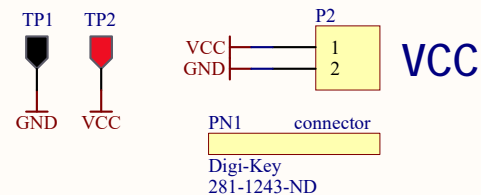
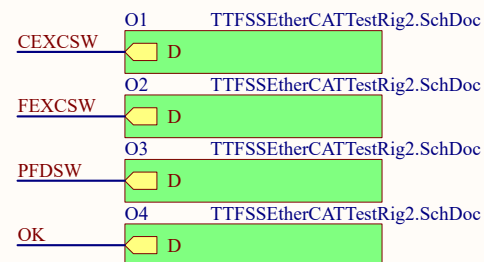
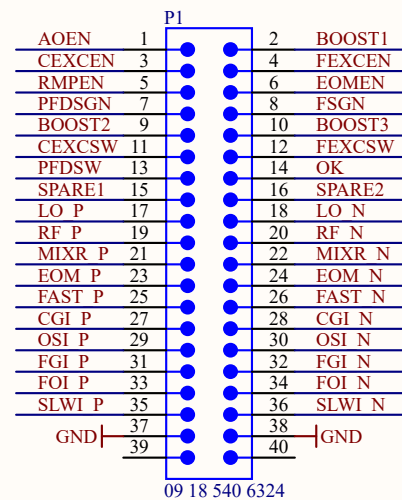
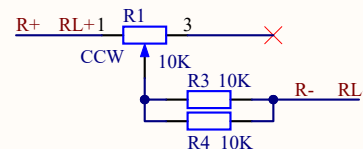


TTFSS EtherCAT

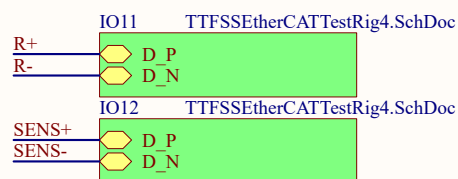
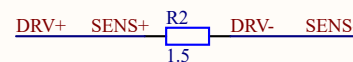


Thermistor Simulation

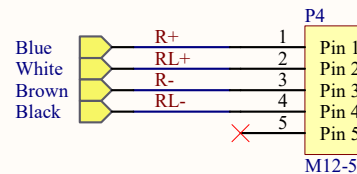
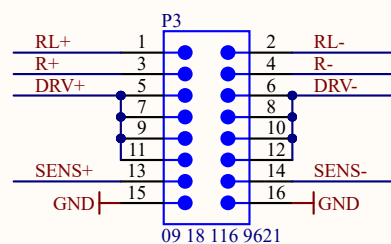


R1A Potentiometer
Mouser
652-3610S-1-103

TEC Simulation



TEC Driver EtherCAT



- PN2 Front Panel
- LIGO
- D1700367-v1
- PN3 Rear Panel
- LIGO
- D1700368-v1
- H1 Handle, 3"
- H2 Handle, 3"
- Mouser
- 534-9109
- H3 Ferrule
- H4 Ferrule
- H5 Ferrule
- H6 Ferrule
- Mouser
- 534-9121
- M1 #6-32 3/8" flat
- M2 #6-32 3/8" flat
- M3 #6-32 3/8" flat
- M4 #6-32 3/8" flat
- McMaster-Carr
- 91099A215

- E1 BNC nut
- E2 BNC nut
- E3 BNC nut
- E4 BNC nut
- E5 BNC nut
- E6 BNC nut
- E7 BNC nut
- E8 BNC nut
- E9 BNC nut
- E10 BNC nut
- E11 BNC nut
- E12 BNC nut
- Newark
- 78M7214
- E13BNC lock washer
- E14BNC lock washer
- E15BNC lock washer
- E16BNC lock washer
- E17BNC lock washer
- E18BNC lock washer
- E19BNC lock washer
- E20BNC lock washer
- E21BNC lock washer
- E22BNC lock washer
- E23BNC lock washer
- E24BNC lock washer
- Newark
- 78M7215

- PN4 flat ribbon
- Digi-Key
- M7PXX-1506J-ND
- PN5 IDC header
- Digi-Key
- MKC16A-ND
- PN6 Jack screw
- PN7 flat ribbon
- Digi-Key
- M7SXX-3706J-ND
- PN8 IDC header
- Digi-Key
- MKC40A-ND
- PN9 Jack screw
- Newark
- 80K5431
- PN10 Banana jack
- Newark
- 39F1575
- PN11 Banana jack
- Newark
- 39F1574

- H13 Standoff M-F
- H14 Standoff M-F
- H15 Standoff M-F
- H16 Standoff M-F
- H17 Standoff M-F
- H18 Standoff M-F
- H19 Standoff M-F
- H20 Standoff M-F
- H21 Standoff M-F
- H22 Standoff M-F
- H23 Standoff M-F
- H24 Standoff M-F
- Mouser
- 855-R40-3001402
- H25 Standoff F-F
- H26 Standoff F-F
- H27 Standoff F-F
- H28 Standoff F-F
- H29 Standoff F-F
- H30 Standoff F-F
- Mouser
- 855-R40-1002002
- M11 M4-8mm, flat
- M12 M4-8mm, flat
- M13 M4-8mm, flat
- M14 M4-8mm, flat
- M15 M4-8mm, flat
- M16 M4-8mm, flat

- H7 #4 screw, 3/8"
- H8 #4 screw, 3/8"
- McMaster-Carr
- 91771A108
- H9 #4 lock washer
- H10 #4 lock washer
- H11 #4 nut
- H12 #4 nut
- M5 M4 lock washer
- M6 M4 lock washer
- M7 M4 lock washer
- M8 M4 lock washer
- M9 M4 lock washer
- M10 M4 lock washer
- McMaster-Carr
- 93925A250
- M17 M4 nut
- M18 M4 nut
- M19 M4 nut
- M20 M4 nut
- M21 M4 nut
- M22 M4 nut
- McMaster-Carr
- 90591A141

Title 4G TTFSS/TEC Driver EtherCAT Tester		
Size B	Number D1700366	Revision 1
Date: 8/14/2017	Sheet 1 of 4	
File: D:\Users\...\TTFSSEtherCATTestRig1.Sch	Drawn By: Daniel Sigg	

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2

3

4

A

A

B

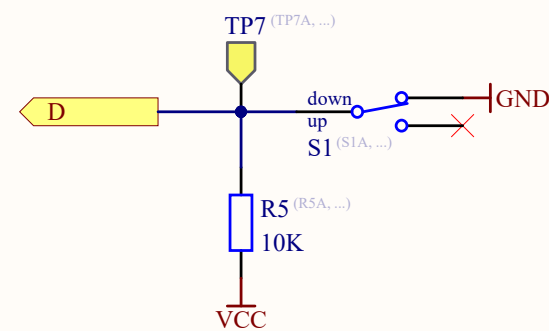
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C

C

D

D



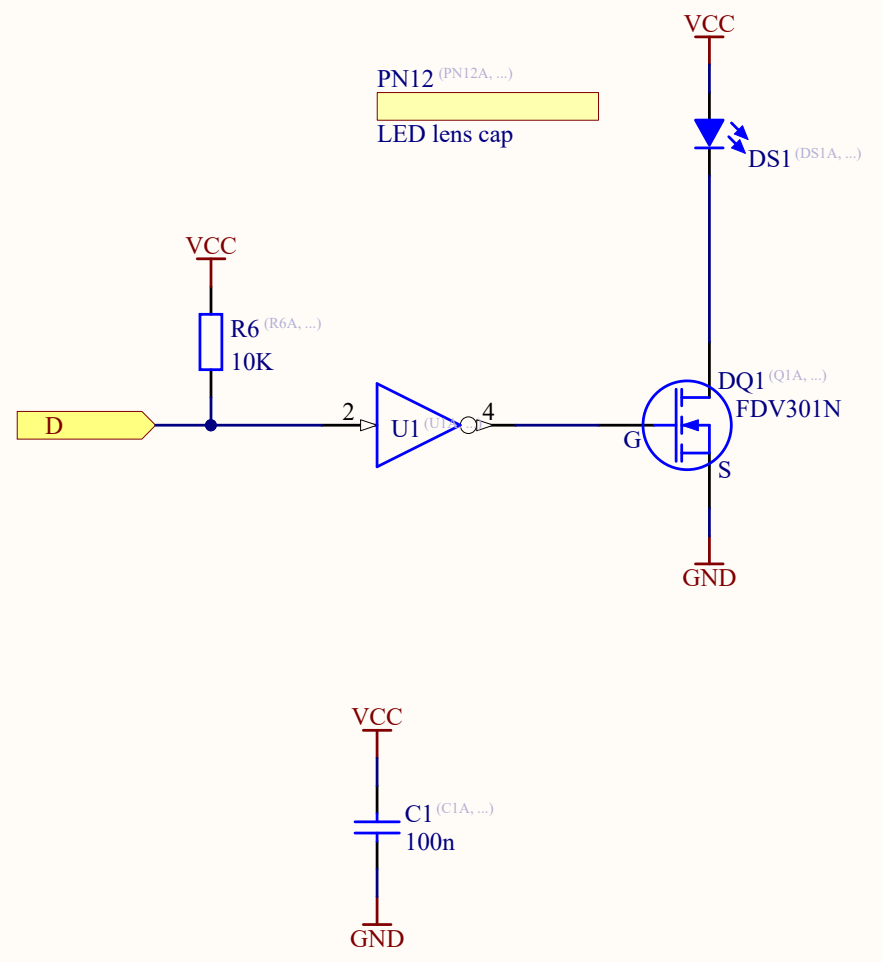
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Size	Number	Revision
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Date:	8/14/2017	Sheet 2 of 4
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1

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4



Title		
4G TTFSS/TEC Driver EtherCAT Tester		
Size	Number	Revision
A	D1700366	1
Date:	8/14/2017	Sheet 3 of 4
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4

A

A

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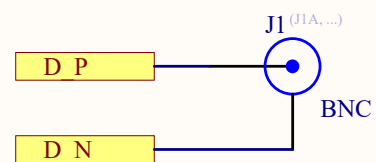
B

C

C

D

D



Title		
4G TTFSS/TEC Driver EtherCAT Tester		
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1

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4