

- | | | |
|--------------------|-------------------------|----------------------|
| S1 Cable Assembly | S3 Cable Assembly | S5 Cable Assembly |
| S2 Cable Assembly | S4 Cable Assembly | S6 Cable Assembly |
| S7 Cable Assembly | S11 Cable Assembly | S4A D-sub 9-pin IDC |
| S8 Cable Assembly | S12 Cable Assembly | S11A D-sub 9-pin IDC |
| S9 Cable Assembly | Digi-Key M3DDK-1020K-ND | S12A D-sub 9-pin IDC |
| S10 Cable Assembly | Pasternack PE3681-12 | Digi-Key AMR09B-ND |
| P1 Connector | P1A power pin | P2A power pin |
| P2 Connector | P1B power pin | P2B power pin |
| Digi-Key WM2112-ND | P1C power pin | P2C power pin |
| P3 Cable | | Digi-Key WM2300-ND |
- Crimp tool: Digi-Key WM17554-ND
Extraction tool: Digi-Key WM9928-ND

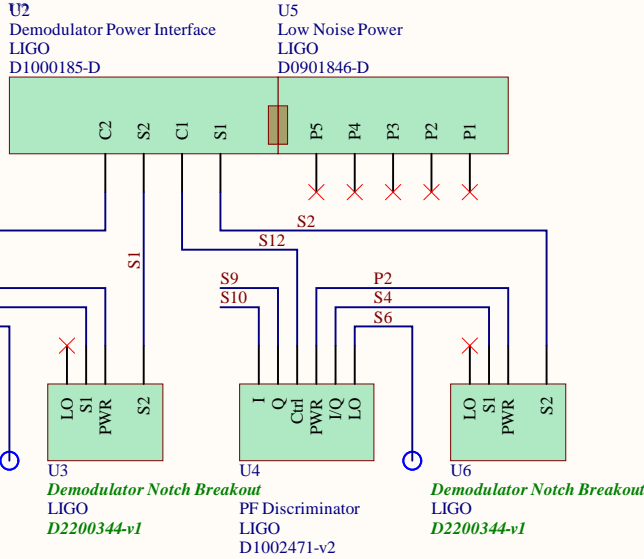
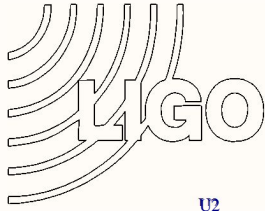
- E1 #4-40 3/16" flat
E2 #4-40 3/16" flat
E3 #4-40 3/16" flat
E4 #4-40 3/16" flat
McMaster-Carr 91771A111
- E5 #6-32 1/4" flat
E6 #6-32 1/4" flat
E7 #6-32 1/4" flat
McMaster-Carr 91099A205
- E8 BNC lock washer
E9 BNC nut
E10 BNC lock washer
E11 BNC nut
E12 BNC lock washer
E13 BNC nut
E14 BNC lock washer
E15 BNC nut
E16 BNC lock washer
E17 BNC nut
E18 BNC lock washer
Digi-Key A97567-ND
E19 BNC nut
Digi-Key A97566-ND
PN1 1U chassis LIGO D070012-A

- 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
PN2 Front Panel LIGO D1002477-v1
PN3 Rear Panel LIGO D1002478-v2

- E20 #4-40 3/16" flat
E21 #4-40 3/16" flat
E22 #4-40 3/16" flat
E23 #4-40 3/16" flat
E24 #4-40 3/16" flat
E25 #4-40 3/16" flat
E26 #4-40 3/16" flat
E27 #4-40 3/16" flat
E28 #4-40 3/16" flat
E29 #4-40 3/16" flat
E30 #4-40 3/16" flat
E31 #4-40 3/16" flat
E32 #4-40 3/16" flat
E33 #4-40 3/16" flat
E34 #4-40 3/16" flat
E35 #4-40 3/16" flat
E36 #4-40 3/16" flat
E37 #4-40 3/16" flat
E38 #4-40 3/16" flat
E39 #4-40 3/16" flat
E40 #4-40 3/16" flat
E41 #4-40 3/16" flat
M11 #4-40 standoff 3/8"
M12 #4-40 standoff 3/8"
M13 #4-40 standoff 3/8"
M14 #4-40 standoff 3/8"
Digi-Key 1902BK-ND
- 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
M15 #4-40 1/4" pan
M16 #4-40 1/4" pan
M17 #4-40 1/4" pan
M18 #4-40 1/4" pan
Digi-Key H542-ND

[No Variations]

Title Phase Frequency Discriminator		
Size A	Number D1002476	Revision 2
Date:	10/11/2022	Sheet 1 of 1
File:	C:\Users\...DualPhaseFreqDiscriminator	SubDocBy: Daniel Sigg



- | | | |
|---|--|---|
| S1 Cable Assembly | S3 Cable Assembly | S5 Cable Assembly |
| S2 Cable Assembly
Digi-Key
M3DDK-1420K-ND | S4 Cable Assembly
Digi-Key
M3DDK-1020K-ND | S6 Cable Assembly
Field Components
TNCFBHI-LMR100-RSMAM-7i
S3A D-sub 9-pin IDC |
| S7 Cable Assembly | S11 Cable Assembly | S4A D-sub 9-pin IDC |
| S8 Cable Assembly | S12 Cable Assembly
Digi-Key
M3DDK-1020K-ND | S11A D-sub 9-pin IDC |
| S9 Cable Assembly | | S12A D-sub 9-pin IDC |
| S10 Cable Assembly
Pasternack
PE3681-12 | | Digi-Key
AMR09B-ND |
| P1 Connector | P1A power pin | P2A power pin |
| P2 Connector | P1B power pin | P2B power pin |
| Digi-Key
WM2112-ND | P1C power pin | P2C power pin |
| P3 Cable | | Digi-Key
WM2300-ND |
| Digi-Key
A121-100-ND | | |
- Crimp tool: Digi-Key WM17554-ND
Extraction tool: Digi-Key WM9928-ND

- E1 #4-40 3/16" flat
- E2 #4-40 3/16" flat
- E3 #4-40 3/16" flat
- E4 #4-40 3/16" flat
- McMaster-Carr
91771A111
- E5 #6-32 1/4" flat
- E6 #6-32 1/4" flat
- E7 #6-32 1/4" flat
- McMaster-Carr
91099A205
- E8 BNC lock washer
- E9 BNC nut
- E10 BNC lock washer
- E11 BNC nut
- E12 BNC lock washer
- E13 BNC nut
- E14 BNC lock washer
- E15 BNC nut
- E16 BNC lock washer
- E17 BNC nut
- E18 BNC lock washer
- Digi-Key
A97567-ND
- E19 BNC nut
- Digi-Key
A97566-ND
- PN1
1U chassis
LIGO
D070012-A

- 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
- PN2
Front Panel
LIGO
D1002477-v1
- PN3
Rear Panel
LIGO
D1002478-v2

- E20 #4-40 3/16" flat
- E21 #4-40 3/16" flat
- E22 #4-40 3/16" flat
- E23 #4-40 3/16" flat
- E24 #4-40 3/16" flat
- E25 #4-40 3/16" flat
- E26 #4-40 3/16" flat
- E27 #4-40 3/16" flat
- E28 #4-40 3/16" flat
- E29 #4-40 3/16" flat
- E30 #4-40 3/16" flat
- E31 #4-40 3/16" flat
- E32 #4-40 3/16" flat
- E33 #4-40 3/16" flat
- E34 #4-40 3/16" flat
- E35 #4-40 3/16" flat
- E36 #4-40 3/16" flat
- E37 #4-40 3/16" flat
- E38 #4-40 3/16" flat
- E39 #4-40 3/16" flat
- E40 #4-40 3/16" flat
- E41 #4-40 3/16" flat
- M11 #4-40 standoff 3/8"
- M12 #4-40 standoff 3/8"
- M13 #4-40 standoff 3/8"
- M14 #4-40 standoff 3/8"
- Digi-Key
1902BK-ND
- M15 #4-40 1/4" pan
- M16 #4-40 1/4" pan
- M17 #4-40 1/4" pan
- M18 #4-40 1/4" pan
- Digi-Key
H542-ND

Notch

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