

Design Rules Verification Report

Filename : C:\Users\Gaming\Documents\TeamPhantom\Sensors\DAQ-2-A\DAQ-2-A.PcbD

Warnings 3
Rule Violations 271

Warnings	
Design contains shelved or modified (but not repoured) polygons. The result of DRC is not correct. Recommended to	3
Total	3

Rule Violations	
Clearance Constraint (Gap=0.127mm) (IsStitchingVia and InNet('HV_GND')), (IsVia and (Not IsStitchingVia)) Or IsPad	0
Clearance Constraint (Gap=0.127mm) (All),(All)	0
Short-Circuit Constraint (Allowed=No) (All),(All)	0
Un-Routed Net Constraint (All)	176
Modified Polygon (Allow modified: No), (Allow shelved: No)	3
Width Constraint (Min=0.13mm) (Max=25.4mm) (Preferred=0.152mm) (All)	0
Power Plane Connect Rule(Relief Connect)(Expansion=0.3mm) (Conductor Width=0.254mm) (Air Gap=0.127mm)	0
Power Plane Connect Rule(Direct Connect)(Expansion=0.508mm) (Conductor Width=0.254mm) (Air Gap=0.254mm)	0
Minimum Annular Ring (Minimum=0.076mm) (All)	0
Hole Size Constraint (Min=0.3mm) (Max=6.3mm) (All)	0
Hole To Hole Clearance (Gap=0.25mm) (All),(All)	0
Minimum Solder Mask Sliver (Gap=0mm) (All),(All)	0
Silk To Solder Mask (Clearance=0mm) (IsPad),(All)	0
Silk to Silk (Clearance=0mm) (All),(All)	0
Net Antennae (Tolerance=0mm) (All)	0
Board Clearance Constraint (Gap=0mm) (All)	92
Height Constraint (Min=0mm) (Max=1816.048mm) (Preferred=12.7mm) (All)	0
Total	271

Design contains shelved or modified (but not repoured) polygons. The result of DRC is not correct. Recommended to r	
Polygon named: NONET_L01_P003 In net GND On Top Layer	
Polygon named: NONET_L01_P002 In net D+5V On Top Layer	
Polygon named: NONET_L02_P004 In net GND On Bottom Layer	

Un-Routed Net Constraint (All)
Un-Routed Net Constraint: Net GND Between Pad C3-1(69.85mm,50.15mm) on Top Layer And Pad C10-1(72.9mm,51.15mm) on Top Layer
Un-Routed Net Constraint: Net GND Between Pad C10-1(72.9mm,51.15mm) on Top Layer And Pad J2-1(75.1mm,51.06mm) on Multi-Layer
Un-Routed Net Constraint: Net D+5V Between Pad C3-2(71.35mm,50.15mm) on Top Layer And Pad C10-2(72.9mm,52.65mm) on Top Layer
Un-Routed Net Constraint: Net D+5V Between Pad C10-2(72.9mm,52.65mm) on Top Layer And Pad J2-2(75.1mm,53.6mm) on Multi-Layer
Un-Routed Net Constraint: Net NetC1_2 Between Pad R1-1(38.8mm,41.575mm) on Top Layer And Pad C1-2(40.3mm,41.6mm) on Top Layer
Un-Routed Net Constraint: Net D+5V Between Pad C2-2(14.05mm,23.75mm) on Top Layer And Pad U3-16(16.05mm,23.755mm) on Top Layer
Un-Routed Net Constraint: Net GND Between Pad C3-1(69.85mm,50.15mm) on Top Layer And Pad U2-2(71.35mm,43.45mm) on Top Layer
Un-Routed Net Constraint: Net D+5V Between Pad C3-2(71.35mm,50.15mm) on Top Layer And Pad U2-1(71.35mm,48.05mm) on Top Layer
Un-Routed Net Constraint: Net GND Between Pad MH4-1(61.5mm,52.5mm) on Multi-Layer And Pad C4-1(63.2mm,44.25mm) on Top Layer
Un-Routed Net Constraint: Net GND Between Pad C4-1(63.2mm,44.25mm) on Top Layer And Pad U2-2(71.35mm,43.45mm) on Top Layer
Un-Routed Net Constraint: Net D+3.3V Between Pad U1-2(36.675mm,47.425mm) on Top Layer And Pad C4-2(63.2mm,45.75mm) on Top Layer
Un-Routed Net Constraint: Net D+3.3V Between Pad C4-2(63.2mm,45.75mm) on Top Layer And Pad U2-3(65.2mm,45.75mm) on Top Layer
Un-Routed Net Constraint: Net GND Between Pad C5-1(57.9mm,22.8mm) on Top Layer And Pad C9-1(57.9mm,33.85mm) on Top Layer
Un-Routed Net Constraint: Net GND Between Pad U8-8(44.95mm,24.955mm) on Top Layer And Pad C5-1(57.9mm,22.8mm) on Top Layer
Un-Routed Net Constraint: Net D+5V Between Pad C5-2(56.4mm,22.8mm) on Top Layer And Pad J23-1(56.56mm,4.63mm) on Multi-Layer
Un-Routed Net Constraint: Net D+5V Between Pad U4-16(54.45mm,22.8mm) on Top Layer And Pad C5-2(56.4mm,22.8mm) on Top Layer
Un-Routed Net Constraint: Net D+5V Between Pad U6-8(33.6mm,30.95mm) on Top Layer And Pad C6-2(33.9mm,32.7mm) on Top Layer
Un-Routed Net Constraint: Net D+5V Between Pad C7-2(37.6mm,32.7mm) on Top Layer And Pad R5-1(37.85mm,37.275mm) on Top Layer
Un-Routed Net Constraint: Net D+5V Between Pad U5-8(37.25mm,30.95mm) on Top Layer And Pad C7-2(37.6mm,32.7mm) on Top Layer
Un-Routed Net Constraint: Net D+5V Between Pad C7-2(37.6mm,32.7mm) on Top Layer And Pad U8-16(54.45mm,33.845mm) on Top Layer
Un-Routed Net Constraint: Net D+5V Between Pad J26-1(4.631mm,14.08mm) on Multi-Layer And Pad C8-2(14.1mm,12.7mm) on Top Layer
Un-Routed Net Constraint: Net D+5V Between Pad C8-2(14.1mm,12.7mm) on Top Layer And Pad U7-16(16.05mm,12.71mm) on Top Layer
Un-Routed Net Constraint: Net D+5V Between Pad U8-16(54.45mm,33.845mm) on Top Layer And Pad C9-2(56.4mm,33.85mm) on Top Layer
Un-Routed Net Constraint: Net NetD1_1 Between Pad R2-2(74.775mm,47.2mm) on Top Layer And Pad D1-1(76.15mm,47.2mm) on Top Layer
Un-Routed Net Constraint: Net GND Between Pad D2-2(77.75mm,45.75mm) on Top Layer And Pad D1-2(77.75mm,47.2mm) on Top Layer
Un-Routed Net Constraint: Net GND Between Pad J2-1(75.1mm,51.06mm) on Multi-Layer And Pad D1-2(77.75mm,47.2mm) on Top Layer
Un-Routed Net Constraint: Net NetD2_1 Between Pad R3-1(74.775mm,45.75mm) on Top Layer And Pad D2-1(76.15mm,45.75mm) on Top Layer
Un-Routed Net Constraint: Net GND Between Pad D2-2(77.75mm,45.75mm) on Top Layer And Pad J5-2(83.37mm,45.631mm) on Multi-Layer
Un-Routed Net Constraint: Net D+5V Between Pad J10-1(83.37mm,18.38mm) on Multi-Layer And Pad J11-1(83.37mm,12.68mm) on Multi-Layer
Un-Routed Net Constraint: Net D+5V Between Pad J9-1(83.37mm,24.081mm) on Multi-Layer And Pad J10-1(83.37mm,18.38mm) on Multi-Layer
Un-Routed Net Constraint: Net GND Between Pad J10-2(83.37mm,17.13mm) on Multi-Layer And Pad J11-2(83.37mm,11.43mm) on Multi-Layer
Un-Routed Net Constraint: Net GND Between Pad J9-2(83.37mm,22.831mm) on Multi-Layer And Pad J10-2(83.37mm,17.13mm) on Multi-Layer
Un-Routed Net Constraint: Net NetU10_3 Between Pad U3-12(16.05mm,28.835mm) on Top Layer And Pad J10-3(83.37mm,15.88mm) on Multi-Layer
Un-Routed Net Constraint: Net NetU1_10 Between Pad J1-10(18.53mm,53.769mm) on Multi-Layer And Pad U1-8(32.775mm,47.425mm) on Top Layer
Un-Routed Net Constraint: Net NetU1_11 Between Pad J1-11(21.07mm,51.229mm) on Multi-Layer And Pad U1-6(34.075mm,47.425mm) on Top Layer
Un-Routed Net Constraint: Net D+5V Between Pad J11-1(83.37mm,12.68mm) on Multi-Layer And Pad J16-1(86.31mm,4.63mm) on Multi-Layer
Un-Routed Net Constraint: Net GND Between Pad J11-2(83.37mm,11.43mm) on Multi-Layer And Pad J16-2(85.06mm,4.63mm) on Multi-Layer
Un-Routed Net Constraint: Net NetU11_3 Between Pad U4-14(54.45mm,20.26mm) on Top Layer And Pad J11-3(83.37mm,10.18mm) on Multi-Layer
Un-Routed Net Constraint: Net NetU1_16 Between Pad J1-16(26.15mm,53.769mm) on Multi-Layer And Pad U1-9(32.125mm,47.425mm) on Top Layer
Un-Routed Net Constraint: Net DOU1T1 Between Pad J1-17(28.69mm,51.229mm) on Multi-Layer And Pad J17-3(42.66mm,4.63mm) on Multi-Layer
Un-Routed Net Constraint: Net NetU1_20 Between Pad J1-20(31.23mm,53.769mm) on Multi-Layer And Pad U1-10(31.475mm,47.425mm) on Top Layer
Un-Routed Net Constraint: Net D+5V Between Pad J13-1(74.91mm,4.63mm) on Multi-Layer And Pad J12-1(80.61mm,4.63mm) on Multi-Layer
Un-Routed Net Constraint: Net D+5V Between Pad J12-1(80.61mm,4.63mm) on Multi-Layer And Pad J16-1(86.31mm,4.63mm) on Multi-Layer
Un-Routed Net Constraint: Net GND Between Pad J13-2(73.66mm,4.63mm) on Multi-Layer And Pad J12-2(79.36mm,4.63mm) on Multi-Layer
Un-Routed Net Constraint: Net GND Between Pad J12-2(79.36mm,4.63mm) on Multi-Layer And Pad J16-2(85.06mm,4.63mm) on Multi-Layer
Un-Routed Net Constraint: Net NetU12_3 Between Pad U4-5(44.95mm,17.72mm) on Top Layer And Pad J12-3(78.11mm,4.63mm) on Multi-Layer
Un-Routed Net Constraint: Net GND Between Pad J1-25(38.85mm,51.229mm) on Multi-Layer And Pad J1-30(43.93mm,53.769mm) on Multi-Layer
Un-Routed Net Constraint: Net DOU2T2 Between Pad J24-3(8.46mm,4.63mm) on Multi-Layer And Pad J1-26(38.85mm,53.769mm) on Multi-Layer
Un-Routed Net Constraint: Net DOU3T3 Between Pad J18-3(36.96mm,4.63mm) on Multi-Layer And Pad J1-29(43.93mm,51.229mm) on Multi-Layer
Un-Routed Net Constraint: Net NetU1_3 Between Pad R13-1(10.9mm,48.975mm) on Top Layer And Pad J1-3(10.91mm,51.229mm) on Multi-Layer
Un-Routed Net Constraint: Net GND Between Pad J1-30(43.93mm,53.769mm) on Multi-Layer And Pad J1-34(49.01mm,53.769mm) on Multi-Layer
Un-Routed Net Constraint: Net D+5V Between Pad J14-1(69.21mm,4.63mm) on Multi-Layer And Pad J13-1(74.91mm,4.63mm) on Multi-Layer

Un-Routed Net Constraint (All)
Un-Routed Net Constraint: Net DOUT4 Between Pad J25-3(4.631mm,10.88mm) on Multi-Layer And Pad J1-32(46.47mm,53.769mm) on Multi-Layer
Un-Routed Net Constraint: Net GND Between Pad J14-2(67.96mm,4.63mm) on Multi-Layer And Pad J13-2(73.66mm,4.63mm) on Multi-Layer
Un-Routed Net Constraint: Net NeU13_3 Between Pad U8-14(54.45mm,31.305mm) on Top Layer And Pad J13-3(72.41mm,4.63mm) on Multi-Layer
Un-Routed Net Constraint: Net SHTDWN Between Pad J3-5(4.65mm,47.6mm) on Multi-Layer And Pad J1-36(51.55mm,53.769mm) on Multi-Layer
Un-Routed Net Constraint: Net GND Between Pad J1-39(56.63mm,51.229mm) on Multi-Layer And Pad MH4-1(61.5mm,52.5mm) on Multi-Layer
Un-Routed Net Constraint: Net D+5V Between Pad J23-1(56.56mm,4.63mm) on Multi-Layer And Pad J14-1(69.21mm,4.63mm) on Multi-Layer
Un-Routed Net Constraint: Net GND Between Pad MH3-1(61.5mm,3.5mm) on Multi-Layer And Pad J14-2(67.96mm,4.63mm) on Multi-Layer
Un-Routed Net Constraint: Net NeU14_3 Between Pad U8-5(44.95mm,28.765mm) on Top Layer And Pad J14-3(66.71mm,4.63mm) on Multi-Layer
Un-Routed Net Constraint: Net NeU1_5 Between Pad R12-1(13.45mm,48.975mm) on Top Layer And Pad J1-5(13.45mm,51.229mm) on Multi-Layer
Un-Routed Net Constraint: Net D+5V Between Pad J19-1(33.76mm,4.63mm) on Multi-Layer And Pad J15-1(50.86mm,4.63mm) on Multi-Layer
Un-Routed Net Constraint: Net D+5V Between Pad J15-1(50.86mm,4.63mm) on Multi-Layer And Pad J23-1(56.56mm,4.63mm) on Multi-Layer
Un-Routed Net Constraint: Net GND Between Pad J17-2(43.91mm,4.63mm) on Multi-Layer And Pad J15-2(49.61mm,4.63mm) on Multi-Layer
Un-Routed Net Constraint: Net GND Between Pad J15-2(49.61mm,4.63mm) on Multi-Layer And Pad J23-2(55.31mm,4.63mm) on Multi-Layer
Un-Routed Net Constraint: Net NeU15_3 Between Pad U3-15(16.05mm,25.025mm) on Top Layer And Pad J15-3(48.36mm,4.63mm) on Multi-Layer
Un-Routed Net Constraint: Net NeU16_3 Between Pad U3-1(25.55mm,23.755mm) on Top Layer And Pad J16-3(83.81mm,4.63mm) on Multi-Layer
Un-Routed Net Constraint: Net NeU1_7 Between Pad J1-7(15.99mm,51.229mm) on Multi-Layer And Pad U1-5(34.725mm,47.425mm) on Top Layer
Un-Routed Net Constraint: Net D+3.3V Between Pad J18-1(39.46mm,4.63mm) on Multi-Layer And Pad J17-1(45.16mm,4.63mm) on Multi-Layer
Un-Routed Net Constraint: Net GND Between Pad J18-2(38.21mm,4.63mm) on Multi-Layer And Pad J17-2(43.91mm,4.63mm) on Multi-Layer
Un-Routed Net Constraint: Net NeU1_8 Between Pad J1-8(15.99mm,53.769mm) on Multi-Layer And Pad U1-7(33.425mm,47.425mm) on Top Layer
Un-Routed Net Constraint: Net D+3.3V Between Pad J24-1(10.96mm,4.63mm) on Multi-Layer And Pad J18-1(39.46mm,4.63mm) on Multi-Layer
Un-Routed Net Constraint: Net D+3.3V Between Pad U1-2(36.675mm,47.425mm) on Top Layer And Pad J18-1(39.46mm,4.63mm) on Multi-Layer
Un-Routed Net Constraint: Net D+5V Between Pad J20-1(28.06mm,4.63mm) on Multi-Layer And Pad J19-1(33.76mm,4.63mm) on Multi-Layer
Un-Routed Net Constraint: Net NeU19_3 Between Pad J19-3(31.26mm,4.63mm) on Multi-Layer And Pad U4-15(54.45mm,21.53mm) on Top Layer
Un-Routed Net Constraint: Net D+5V Between Pad J21-1(22.36mm,4.63mm) on Multi-Layer And Pad J20-1(28.06mm,4.63mm) on Multi-Layer
Un-Routed Net Constraint: Net NeU20_3 Between Pad J20-3(25.56mm,4.63mm) on Multi-Layer And Pad U4-2(44.95mm,21.53mm) on Top Layer
Un-Routed Net Constraint: Net D+5V Between Pad J22-1(16.66mm,4.63mm) on Multi-Layer And Pad J21-1(22.36mm,4.63mm) on Multi-Layer
Un-Routed Net Constraint: Net NeU21_3 Between Pad J21-3(19.86mm,4.63mm) on Multi-Layer And Pad U8-15(54.45mm,32.575mm) on Top Layer
Un-Routed Net Constraint: Net D+5V Between Pad U7-16(16.05mm,12.71mm) on Top Layer And Pad J22-1(16.66mm,4.63mm) on Multi-Layer
Un-Routed Net Constraint: Net NeU22_3 Between Pad J22-3(14.16mm,4.63mm) on Multi-Layer And Pad U8-2(44.95mm,32.575mm) on Top Layer
Un-Routed Net Constraint: Net GND Between Pad J23-2(55.31mm,4.63mm) on Multi-Layer And Pad MH3-1(61.5mm,3.5mm) on Multi-Layer
Un-Routed Net Constraint: Net NeU23_3 Between Pad U3-5(25.55mm,28.835mm) on Top Layer And Pad J23-3(54.06mm,4.63mm) on Multi-Layer
Un-Routed Net Constraint: Net D+3.3V Between Pad J25-1(4.631mm,8.38mm) on Multi-Layer And Pad J24-1(10.96mm,4.63mm) on Multi-Layer
Un-Routed Net Constraint: Net D+5V Between Pad J26-1(4.631mm,14.08mm) on Multi-Layer And Pad J27-1(4.631mm,19.78mm) on Multi-Layer
Un-Routed Net Constraint: Net NeU26_3 Between Pad J26-3(4.631mm,16.58mm) on Multi-Layer And Pad U4-12(54.45mm,17.72mm) on Top Layer
Un-Routed Net Constraint: Net D+5V Between Pad J27-1(4.631mm,19.78mm) on Multi-Layer And Pad J28-1(4.631mm,25.48mm) on Multi-Layer
Un-Routed Net Constraint: Net NeU27_3 Between Pad J27-3(4.631mm,22.28mm) on Multi-Layer And Pad U4-4(44.95mm,18.99mm) on Top Layer
Un-Routed Net Constraint: Net D+5V Between Pad J28-1(4.631mm,25.48mm) on Multi-Layer And Pad J29-1(4.631mm,31.18mm) on Multi-Layer
Un-Routed Net Constraint: Net NeU28_3 Between Pad J28-3(4.631mm,27.98mm) on Multi-Layer And Pad U8-12(54.45mm,28.765mm) on Top Layer
Un-Routed Net Constraint: Net D+5V Between Pad J4-1(4.631mm,36.88mm) on Multi-Layer And Pad J29-1(4.631mm,31.18mm) on Multi-Layer
Un-Routed Net Constraint: Net NeU29_3 Between Pad J29-3(4.631mm,33.68mm) on Multi-Layer And Pad U8-4(44.95mm,30.035mm) on Top Layer
Un-Routed Net Constraint: Net D+5V Between Pad J4-1(4.631mm,36.88mm) on Multi-Layer And Pad J3-1(4.65mm,42.6mm) on Multi-Layer
Un-Routed Net Constraint: Net D+5V Between Pad J3-1(4.65mm,42.6mm) on Multi-Layer And Pad R13-2(10.9mm,47.425mm) on Top Layer
Un-Routed Net Constraint: Net SCL Between Pad J3-3(4.65mm,45.1mm) on Multi-Layer And Pad U1-22(36.025mm,41.575mm) on Top Layer
Un-Routed Net Constraint: Net SDA Between Pad J3-4(4.65mm,46.35mm) on Multi-Layer And Pad U1-21(35.375mm,41.575mm) on Top Layer
Un-Routed Net Constraint: Net NeU4_3 Between Pad J4-3(4.631mm,39.38mm) on Multi-Layer And Pad U4-13(54.45mm,18.99mm) on Top Layer
Un-Routed Net Constraint: Net D+5V Between Pad J6-1(83.37mm,41.181mm) on Multi-Layer And Pad J5-1(83.37mm,46.881mm) on Multi-Layer
Un-Routed Net Constraint: Net D+5V Between Pad R2-1(73.225mm,47.2mm) on Top Layer And Pad J5-1(83.37mm,46.881mm) on Multi-Layer
Un-Routed Net Constraint: Net GND Between Pad J6-2(83.37mm,39.931mm) on Multi-Layer And Pad J5-2(83.37mm,45.631mm) on Multi-Layer
Un-Routed Net Constraint: Net NeU5_3 Between Pad U4-1(44.95mm,22.8mm) on Top Layer And Pad J5-3(83.37mm,44.381mm) on Multi-Layer
Un-Routed Net Constraint: Net D+5V Between Pad J7-1(83.37mm,35.481mm) on Multi-Layer And Pad J6-1(83.37mm,41.181mm) on Multi-Layer
Un-Routed Net Constraint: Net D+5V Between Pad JP9-1(78.65mm,40.6mm) on Top Layer And Pad J6-1(83.37mm,41.181mm) on Multi-Layer
Un-Routed Net Constraint: Net GND Between Pad J7-2(83.37mm,34.231mm) on Multi-Layer And Pad J6-2(83.37mm,39.931mm) on Multi-Layer

Un-Routed Net Constraint (All)
Un-Routed Net Constraint: Net NetU6_3 Between Pad U8-13(54.45mm,30.035mm) on Top Layer And Pad J6-3(83.37mm,38.681mm) on Multi-Layer
Un-Routed Net Constraint: Net D+5V Between Pad J8-1(83.37mm,29.781mm) on Multi-Layer And Pad J7-1(83.37mm,35.481mm) on Multi-Layer
Un-Routed Net Constraint: Net GND Between Pad J8-2(83.37mm,28.531mm) on Multi-Layer And Pad J7-2(83.37mm,34.231mm) on Multi-Layer
Un-Routed Net Constraint: Net NetU7_3 Between Pad U8-1(44.95mm,33.845mm) on Top Layer And Pad J7-3(83.37mm,32.981mm) on Multi-Layer
Un-Routed Net Constraint: Net D+5V Between Pad J9-1(83.37mm,24.081mm) on Multi-Layer And Pad J8-1(83.37mm,29.781mm) on Multi-Layer
Un-Routed Net Constraint: Net GND Between Pad J9-2(83.37mm,22.831mm) on Multi-Layer And Pad J8-2(83.37mm,28.531mm) on Multi-Layer
Un-Routed Net Constraint: Net NetU8_3 Between Pad U3-13(16.05mm,27.565mm) on Top Layer And Pad J8-3(83.37mm,27.281mm) on Multi-Layer
Un-Routed Net Constraint: Net NetU9_3 Between Pad U3-14(16.05mm,26.295mm) on Top Layer And Pad J9-3(83.37mm,21.581mm) on Multi-Layer
Un-Routed Net Constraint: Net GND Between Pad U2-2(71.35mm,43.45mm) on Top Layer And Pad JP10-1(73.65mm,35.85mm) on Top Layer
Un-Routed Net Constraint: Net SCL Between Pad JP11-1(34.5mm,21.5mm) on Top Layer And Pad U5-10(36.25mm,30.95mm) on Top Layer
Un-Routed Net Constraint: Net SDA Between Pad U5-9(36.75mm,30.95mm) on Top Layer And Pad JP12-1(38.05mm,21.75mm) on Top Layer
Un-Routed Net Constraint: Net D+3.3V Between Pad JP2-1(69.25mm,39.25mm) on Top Layer And Pad U2-3(71.35mm,45.75mm) on Top Layer
Un-Routed Net Constraint: Net MUX2_S0 Between Pad JP3-1(9.571mm,15.376mm) on Top Layer And Pad U7-11(16.05mm,19.06mm) on Top Layer
Un-Routed Net Constraint: Net MUX2_S1 Between Pad JP4-1(9.571mm,19.531mm) on Top Layer And Pad U7-10(16.05mm,20.33mm) on Top Layer
Un-Routed Net Constraint: Net MUX2_S2 Between Pad JP5-1(9.35mm,23.75mm) on Top Layer And Pad U7-9(16.05mm,21.6mm) on Top Layer
Un-Routed Net Constraint: Net MUX1_S0 Between Pad U8-11(54.45mm,27.495mm) on Top Layer And Pad JP6-1(62.14mm,27.98mm) on Top Layer
Un-Routed Net Constraint: Net MUX1_S1 Between Pad U8-10(54.45mm,26.225mm) on Top Layer And Pad JP7-1(62.14mm,24.5mm) on Top Layer
Un-Routed Net Constraint: Net MUX1_S2 Between Pad U8-9(54.45mm,24.955mm) on Top Layer And Pad JP8-1(62.14mm,21.02mm) on Top Layer
Un-Routed Net Constraint: Net D+5V Between Pad R11-1(29.15mm,37.275mm) on Top Layer And Pad R10-1(30.6mm,37.275mm) on Top Layer
Un-Routed Net Constraint: Net D+5V Between Pad R10-1(30.6mm,37.275mm) on Top Layer And Pad R9-1(32.05mm,37.275mm) on Top Layer
Un-Routed Net Constraint: Net MUX2_S1 Between Pad R10-2(30.6mm,38.825mm) on Top Layer And Pad U1-16(32.125mm,41.575mm) on Top Layer
Un-Routed Net Constraint: Net MUX2_S1 Between Pad U3-10(16.05mm,31.375mm) on Top Layer And Pad R10-2(30.6mm,38.825mm) on Top Layer
Un-Routed Net Constraint: Net NetC1_2 Between Pad U1-24(37.425mm,41.575mm) on Top Layer And Pad R1-1(38.8mm,41.575mm) on Top Layer
Un-Routed Net Constraint: Net MUX2_S2 Between Pad R11-2(29.15mm,38.825mm) on Top Layer And Pad U1-15(31.475mm,41.575mm) on Top Layer
Un-Routed Net Constraint: Net MUX2_S2 Between Pad U3-9(16.05mm,32.645mm) on Top Layer And Pad R11-2(29.15mm,38.825mm) on Top Layer
Un-Routed Net Constraint: Net D+5V Between Pad R1-2(38.8mm,43.125mm) on Top Layer And Pad R4-2(39.3mm,37.275mm) on Top Layer
Un-Routed Net Constraint: Net NetU1_5 Between Pad R12-1(13.45mm,48.975mm) on Top Layer And Pad U1-4(35.375mm,47.425mm) on Top Layer
Un-Routed Net Constraint: Net D+5V Between Pad R13-2(10.9mm,47.425mm) on Top Layer And Pad R12-2(13.45mm,47.425mm) on Top Layer
Un-Routed Net Constraint: Net NetU1_3 Between Pad R13-1(10.9mm,48.975mm) on Top Layer And Pad U1-3(36.025mm,47.425mm) on Top Layer
Un-Routed Net Constraint: Net D+5V Between Pad U2-1(71.35mm,48.05mm) on Top Layer And Pad R2-1(73.225mm,47.2mm) on Top Layer
Un-Routed Net Constraint: Net D+3.3V Between Pad U2-3(71.35mm,45.75mm) on Top Layer And Pad R3-2(73.225mm,45.75mm) on Top Layer
Un-Routed Net Constraint: Net SCL Between Pad U1-22(36.025mm,41.575mm) on Top Layer And Pad R4-1(39.3mm,38.825mm) on Top Layer
Un-Routed Net Constraint: Net SCL Between Pad U5-10(36.25mm,30.95mm) on Top Layer And Pad R4-1(39.3mm,38.825mm) on Top Layer
Un-Routed Net Constraint: Net D+5V Between Pad R5-1(37.85mm,37.275mm) on Top Layer And Pad R4-2(39.3mm,37.275mm) on Top Layer
Un-Routed Net Constraint: Net D+5V Between Pad R6-1(36.4mm,37.275mm) on Top Layer And Pad R5-1(37.85mm,37.275mm) on Top Layer
Un-Routed Net Constraint: Net SDA Between Pad U1-21(35.375mm,41.575mm) on Top Layer And Pad R5-2(37.85mm,38.825mm) on Top Layer
Un-Routed Net Constraint: Net SDA Between Pad U5-9(36.75mm,30.95mm) on Top Layer And Pad R5-2(37.85mm,38.825mm) on Top Layer
Un-Routed Net Constraint: Net D+5V Between Pad R7-1(34.95mm,37.275mm) on Top Layer And Pad R6-1(36.4mm,37.275mm) on Top Layer
Un-Routed Net Constraint: Net MUX1_S0 Between Pad U1-20(34.725mm,41.575mm) on Top Layer And Pad R6-2(36.4mm,38.825mm) on Top Layer
Un-Routed Net Constraint: Net MUX1_S0 Between Pad R6-2(36.4mm,38.825mm) on Top Layer And Pad U8-11(54.45mm,27.495mm) on Top Layer
Un-Routed Net Constraint: Net D+5V Between Pad R8-1(33.5mm,37.275mm) on Top Layer And Pad R7-1(34.95mm,37.275mm) on Top Layer
Un-Routed Net Constraint: Net MUX1_S1 Between Pad U1-19(34.075mm,41.575mm) on Top Layer And Pad R7-2(34.95mm,38.825mm) on Top Layer
Un-Routed Net Constraint: Net MUX1_S1 Between Pad R7-2(34.95mm,38.825mm) on Top Layer And Pad U8-10(54.45mm,26.225mm) on Top Layer
Un-Routed Net Constraint: Net D+5V Between Pad R9-1(32.05mm,37.275mm) on Top Layer And Pad R8-1(33.5mm,37.275mm) on Top Layer
Un-Routed Net Constraint: Net MUX1_S2 Between Pad U1-18(33.425mm,41.575mm) on Top Layer And Pad R8-2(33.5mm,38.825mm) on Top Layer
Un-Routed Net Constraint: Net MUX1_S2 Between Pad R8-2(33.5mm,38.825mm) on Top Layer And Pad U8-9(54.45mm,24.955mm) on Top Layer
Un-Routed Net Constraint: Net MUX2_S0 Between Pad R9-2(32.05mm,38.825mm) on Top Layer And Pad U1-17(32.775mm,41.575mm) on Top Layer
Un-Routed Net Constraint: Net MUX2_S0 Between Pad U3-11(16.05mm,30.105mm) on Top Layer And Pad R9-2(32.05mm,38.825mm) on Top Layer
Un-Routed Net Constraint: Net NetC1_2 Between Pad U1-23(36.675mm,41.575mm) on Top Layer And Pad U1-24(37.425mm,41.575mm) on Top Layer
Un-Routed Net Constraint: Net D+3.3V Between Pad U2-3(65.2mm,45.75mm) on Top Layer And Pad U2-3(71.35mm,45.75mm) on Top Layer
Un-Routed Net Constraint: Net MUX2_S1 Between Pad U7-10(16.05mm,20.33mm) on Top Layer And Pad U3-10(16.05mm,31.375mm) on Top Layer
Un-Routed Net Constraint: Net MUX2_S0 Between Pad U7-11(16.05mm,19.06mm) on Top Layer And Pad U3-11(16.05mm,30.105mm) on Top Layer

Un-Routed Net Constraint (All)

Un-Routed Net Constraint: Net D+5V Between Pad U7-16(16.05mm,12.71mm) on Top Layer And Pad U3-16(16.05mm,23.755mm) on Top Layer
Un-Routed Net Constraint: Net NetU3_3 Between Pad U3-3(25.55mm,26.295mm) on Top Layer And Pad U6-4(34.1mm,26.55mm) on Top Layer
Un-Routed Net Constraint: Net MUX2_S2 Between Pad U7-9(16.05mm,21.6mm) on Top Layer And Pad U3-9(16.05mm,32.645mm) on Top Layer
Un-Routed Net Constraint: Net MUX1_S1 Between Pad U4-10(54.45mm,15.18mm) on Top Layer And Pad U8-10(54.45mm,26.225mm) on Top Layer
Un-Routed Net Constraint: Net MUX1_S0 Between Pad U4-11(54.45mm,16.45mm) on Top Layer And Pad U8-11(54.45mm,27.495mm) on Top Layer
Un-Routed Net Constraint: Net D+5V Between Pad U4-16(54.45mm,22.8mm) on Top Layer And Pad U8-16(54.45mm,33.845mm) on Top Layer
Un-Routed Net Constraint: Net NetU4_3 Between Pad U5-4(37.75mm,26.55mm) on Top Layer And Pad U4-3(44.95mm,20.26mm) on Top Layer
Un-Routed Net Constraint: Net GND Between Pad U4-7(44.95mm,15.18mm) on Top Layer And Pad U4-6(44.95mm,16.45mm) on Top Layer
Un-Routed Net Constraint: Net GND Between Pad U4-6(44.95mm,16.45mm) on Top Layer And Pad U8-8(44.95mm,24.955mm) on Top Layer
Un-Routed Net Constraint: Net GND Between Pad U4-8(44.95mm,13.91mm) on Top Layer And Pad U4-7(44.95mm,15.18mm) on Top Layer
Un-Routed Net Constraint: Net MUX1_S2 Between Pad U4-9(54.45mm,13.91mm) on Top Layer And Pad U8-9(54.45mm,24.955mm) on Top Layer
Un-Routed Net Constraint: Net SCL Between Pad U6-10(32.6mm,30.95mm) on Top Layer And Pad U5-10(36.25mm,30.95mm) on Top Layer
Un-Routed Net Constraint: Net GND Between Pad U5-5(38.25mm,26.55mm) on Top Layer And Pad U8-7(44.95mm,26.225mm) on Top Layer
Un-Routed Net Constraint: Net NetU5_6 Between Pad U5-6(38.25mm,30.95mm) on Top Layer And Pad U8-3(44.95mm,31.305mm) on Top Layer
Un-Routed Net Constraint: Net D+5V Between Pad U6-8(33.6mm,30.95mm) on Top Layer And Pad U5-8(37.25mm,30.95mm) on Top Layer
Un-Routed Net Constraint: Net SDA Between Pad U6-9(33.1mm,30.95mm) on Top Layer And Pad U5-9(36.75mm,30.95mm) on Top Layer
Un-Routed Net Constraint: Net D+5V Between Pad U6-1(32.6mm,26.55mm) on Top Layer And Pad U6-8(33.6mm,30.95mm) on Top Layer
Un-Routed Net Constraint: Net NetU6_6 Between Pad U7-3(25.55mm,15.25mm) on Top Layer And Pad U6-6(34.6mm,30.95mm) on Top Layer
Un-Routed Net Constraint: Net GND Between Pad U8-7(44.95mm,26.225mm) on Top Layer And Pad U8-6(44.95mm,27.495mm) on Top Layer
Un-Routed Net Constraint: Net GND Between Pad U8-8(44.95mm,24.955mm) on Top Layer And Pad U8-7(44.95mm,26.225mm) on Top Layer

Modified Polygon (Allow modified: No), (Allow shelved: No)

Modified Polygon: Polygon Shelved (NONET_L01_P002) on Top Layer
Modified Polygon: Polygon Shelved (NONET_L01_P003) on Top Layer
Modified Polygon: Polygon Shelved (NONET_L02_P004) on Bottom Layer

Board Clearance Constraint (Gap=0mm) (All)

[illegible]

Board Clearance Constraint (Gap=0mm) (All)

[illegible]