# Design Rules Verification Report

Filename : C:\Users\akkoyun\Documents\B202AA-PCIe\Design Files\B202AA-PCIe.Pcb

Warnings 0
Rule Violations 500

| Warnings | |
|---|---|
| Total | 0 |

| Rule Violations | |
|---|---|
| Short-Circuit Constraint (Allowed=No) (All),(All) | 0 |
| Un-Routed Net Constraint ( (All) ) | 266 |
| Modified Polygon (Allow modified: No), (Allow shelved: No) | 0 |
| Width Constraint (Min=0.1mm) (Max=1.5mm) (Preferred=0.2mm) (All) | 0 |
| Power Plane Connect Rule(Relief Connect )(Expansion=0.175mm) (Conductor Width=0.2mm) | 0 |
| Minimum Annular Ring (Minimum=0.125mm) (((ObjectKind = 'Pad') OR (ObjectKind = 'Via')) And | 0 |
| Minimum Annular Ring (Minimum=0.125mm) (((ObjectKind = 'Pad') OR (ObjectKind = 'Via')) And | 0 |
| Minimum Annular Ring (Minimum=0.125mm) (All) | 0 |
| Hole Size Constraint (Min=0.15mm) (Max=5mm) (All) | 0 |
| Hole To Hole Clearance (Gap=0.35mm) (All),(All) | 0 |
| Minimum Solder Mask Sliver (Gap=0.08mm) (All),(All) | 0 |
| Silk To Solder Mask (Clearance=0.1mm) (IsPad),(All) | 0 |
| Silk to Silk (Clearance=0.2mm) (All),(All) | 0 |
| Net Antennae (Tolerance=0mm) (All) | 0 |
| Board Clearance Constraint (Gap=0mm) (All) | 234 |
| Height Constraint (Min=0mm) (Max=25mm) (Prefered=12.5mm) (All) | 0 |
| Total | 500 |

## Un-Routed Net Constraint ( (All) )

Un-Routed Net Constraint: Net GNDISO Between Pad C11-1(-5.969mm,123.493mm) on Top Layer And Pad

Un-Routed Net Constraint: Net GNDISO Between Pad C10-1(-4.699mm,123.686mm) on Top Layer And Pad

Un-Routed Net Constraint: Net 3V3ISO Between Pad C11-2(-5.969mm,122.633mm) on Top Layer And Pad

Un-Routed Net Constraint: Net 3V3ISO Between Pad C10-2(-4.699mm,122.186mm) on Top Layer And Pad

Un-Routed Net Constraint: Net GND Between Pad C2-1(-38.989mm,82.501mm) on Top Layer And Pad

Un-Routed Net Constraint: Net GND Between Pad C1-1(-36.957mm,82.501mm) on Top Layer And Pad

Un-Routed Net Constraint: Net GNDISO Between Pad U3-15(-6.37mm,125.87mm) on Top Layer [Unplated] And Pad

Un-Routed Net Constraint: Net 3V3ISO Between Pad R30-2(-7.366mm,122.633mm) on Top Layer And Pad

Un-Routed Net Constraint: Net 3V3 Between Pad C2-2(-38.989mm,83.361mm) on Top Layer And Pad

Un-Routed Net Constraint: Net 3V3 Between Pad C1-2(-36.957mm,83.361mm) on Top Layer And Pad

Un-Routed Net Constraint: Net GNDISO Between Pad U2-3(-26.924mm,92.304mm) on Top Layer [Unplated] And Pad

Un-Routed Net Constraint: Net GNDISO Between Pad C12-1(-9.574mm,120.142mm) on Top Layer And Pad

Un-Routed Net Constraint: Net XOUT Between Pad R25-2(-8.714mm,118.999mm) on Top Layer And Pad

Un-Routed Net Constraint: Net GNDISO Between Pad X1-2(-7.685mm,120.057mm) on Top Layer And Pad

Un-Routed Net Constraint: Net XIN Between Pad C13-2(-5.256mm,118.872mm) on Top Layer And Pad

Un-Routed Net Constraint: Net GNDISO Between Pad R21-1(-2.237mm,129.413mm) on Top Layer And Pad

Un-Routed Net Constraint: Net I\S\O\_\R\E\S\E\T\ Between Pad R33-2(-3.097mm,130.302mm) on Top Layer And Pad

Un-Routed Net Constraint: Net NOTR Between Pad C16-1(14.24mm,140.716mm) on Top Layer And Pad

Un-Routed Net Constraint: Net NOTR Between Pad C15-1(20.463mm,140.716mm) on Top Layer And Pad

Un-Routed Net Constraint: Net NOTR Between Pad C15-1(20.463mm,140.716mm) on Top Layer And Pad

Un-Routed Net Constraint: Net NetC15_2 Between Pad C15-2(22.463mm,140.716mm) on Top Layer And Pad

Un-Routed Net Constraint: Net NetC15_2 Between Pad C15-2(22.463mm,140.716mm) on Top Layer And Pad

Un-Routed Net Constraint: Net NOTR Between Pad C16-1(14.24mm,140.716mm) on Top Layer And Pad

Un-Routed Net Constraint: Net NOTR Between Pad C16-1(14.24mm,140.716mm) on Top Layer And Pad

Un-Routed Net Constraint: Net NetC16_2 Between Pad C16-2(16.24mm,140.716mm) on Top Layer And Pad

Un-Routed Net Constraint: Net NetC16_2 Between Pad R47-2(16.175mm,142.621mm) on Top Layer And Pad

Un-Routed Net Constraint: Net NOTR Between Pad C17-1(7.636mm,140.589mm) on Top Layer And Pad

Un-Routed Net Constraint: Net NOTR Between Pad C17-1(7.636mm,140.589mm) on Top Layer And Pad

Un-Routed Net Constraint: Net NetC17_2 Between Pad C20-2(9.525mm,138.86mm) on Top Layer And Pad

Un-Routed Net Constraint: Net NetC17_2 Between Pad R48-2(9.571mm,142.621mm) on Top Layer And Pad

Un-Routed Net Constraint: Net NetC15_2 Between Pad R45-2(21.082mm,138.73mm) on Top Layer And Pad

Un-Routed Net Constraint: Net NetC16_2 Between Pad R41-2(14.732mm,138.73mm) on Top Layer And Pad

Un-Routed Net Constraint: Net NOTR Between Pad U3-24(-5.22mm,130.02mm) on Top Layer [Unplated] And Pad

Un-Routed Net Constraint: Net NetC17_2 Between Pad R37-2(8.128mm,138.73mm) on Top Layer And Pad

Un-Routed Net Constraint: Net GND Between Pad C3-1(-42.799mm,82.628mm) on Top Layer And Pad

Un-Routed Net Constraint: Net GND Between Pad C21-1(-75.082mm,125.906mm) on Top Layer And Pad

Un-Routed Net Constraint: Net S\E\N\S\E\_\\R\ Between Pad C21-2(-75.082mm,125.046mm) on Top Layer And Pad

Un-Routed Net Constraint: Net S\E\N\S\E\_\\R\ Between Pad C21-2(-75.082mm,125.046mm) on Top Layer And Pad

Un-Routed Net Constraint: Net S\E\N\S\E\_\\R\ Between Pad U4-4(-75.082mm,123.265mm) on Top Layer [Unplated]

Un-Routed Net Constraint: Net 3V3 Between Pad R1-2(-39.243mm,75.81mm) on Top Layer And Pad

Un-Routed Net Constraint: Net 3V3 Between Pad U1-6(-39.243mm,86.004mm) on Top Layer [Unplated] And Pad

Un-Routed Net Constraint: Net GND Between Pad C22-1(-59.334mm,127.606mm) on Top Layer And Pad

Un-Routed Net Constraint: Net GND Between Pad C22-1(-59.334mm,127.606mm) on Top Layer And Pad

Un-Routed Net Constraint: Net S\E\N\S\E\_\\S\ Between Pad C22-2(-59.334mm,126.746mm) on Top Layer And Pad

Un-Routed Net Constraint: Net S\E\N\S\E\_\\S\ Between Pad C22-2(-59.334mm,126.746mm) on Top Layer And Pad

Un-Routed Net Constraint: Net GND Between Pad C23-1(-46.634mm,127.684mm) on Top Layer And Pad

Un-Routed Net Constraint: Net S\E\N\S\E\_\\T\ Between Pad C23-2(-46.634mm,126.824mm) on Top Layer And Pad

Un-Routed Net Constraint: Net S\E\N\S\E\_\\T\ Between Pad C23-2(-46.634mm,126.824mm) on Top Layer And Pad

Un-Routed Net Constraint: Net S\E\N\S\E\_\\T\ Between Pad C23-2(-46.634mm,126.824mm) on Top Layer And Pad

Un-Routed Net Constraint: Net GND Between Pad C24-1(-74.549mm,76.913mm) on Top Layer And Pad

Un-Routed Net Constraint: Net 3V3 Between Pad C24-2(-74.549mm,77.773mm) on Top Layer And Pad

Un-Routed Net Constraint: Net GND Between Pad C25-1(-73.279mm,76.913mm) on Top Layer And Pad

Un-Routed Net Constraint: Net 3V3 Between Pad C25-2(-73.279mm,77.773mm) on Top Layer And Pad

Un-Routed Net Constraint: Net 3V3 Between Pad C25-2(-73.279mm,77.773mm) on Top Layer And Pad

Un-Routed Net Constraint: Net GNDISO Between Pad C27-1(-74.295mm,93.013mm) on Top Layer And Pad

Un-Routed Net Constraint: Net GNDISO Between Pad C26-1(-73.279mm,93.013mm) on Top Layer And Pad

## Un-Routed Net Constraint ( (All) )

| Un-Routed Net Constraint: Net 3V3ISO Between Pad C27-2(-74.295mm,92.153mm) on Top Layer And Pad |
| --- |
| Un-Routed Net Constraint: Net 3V3ISO Between Pad C26-2(-73.279mm,92.153mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net 3V3ISO Between Pad FB1-2(-75.692mm,92.862mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net GND Between Pad R75-1(-65.357mm,77.049mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net GND Between Pad U7-8(-64.389mm,80.948mm) on Top Layer [Unplated] And Pad |
| Un-Routed Net Constraint: Net 3V3_POWER_EN Between Pad R75-2(-65.357mm,77.909mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net 3V3_POWER_EN Between Pad C28-2(-64.087mm,77.909mm) on Top Layer And Via |
| Un-Routed Net Constraint: Net GNDISO Between Pad C29-1(-60.198mm,86.598mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net GNDISO Between Pad U7-9(-64.389mm,90.248mm) on Top Layer [Unplated] And Pad |
| Un-Routed Net Constraint: Net GND Between Pad C29-2(-60.198mm,84.598mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net GND Between Pad U7-8(-64.389mm,80.948mm) on Top Layer [Unplated] And Pad |
| Un-Routed Net Constraint: Net GND Between Pad C3-1(-42.799mm,82.628mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net A\L\1\_\ Between Pad C3-2(-42.799mm,83.488mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net GND Between Pad C5-1(-23.495mm,83.009mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net GND Between Pad C4-1(-21.59mm,83.009mm) on Top Layer And Track |
| Un-Routed Net Constraint: Net 3V3 Between Pad C5-2(-23.495mm,83.869mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net GND Between Pad C6-1(-27.686mm,82.882mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net 3V3 Between Pad R4-2(-25.4mm,75.614mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net 3V3 Between Pad U2-6(-24.384mm,86.004mm) on Top Layer [Unplated] And Pad |
| Un-Routed Net Constraint: Net GND Between Pad C6-1(-27.686mm,82.882mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net A\L\2\_\ Between Pad C6-2(-27.686mm,83.742mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net CT_R- Between Pad C7-1(-22.165mm,150.5mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net CT_R- Between Pad C7-1(-22.165mm,150.5mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net Analog_IR Between Pad D4-1(-24.015mm,152mm) on Top Layer [Unplated] And Pad |
| Un-Routed Net Constraint: Net Analog_IR Between Pad C7-2(-23.665mm,150.5mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net CT_S- Between Pad C8-1(-19.265mm,150.5mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net CT_S- Between Pad C8-1(-19.265mm,150.5mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net Analog_IS Between Pad D6-1(-21.115mm,152mm) on Top Layer [Unplated] And Pad |
| Un-Routed Net Constraint: Net Analog_IS Between Pad C8-2(-20.765mm,150.5mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net CT_T- Between Pad C9-1(-16.365mm,150.5mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net CT_T- Between Pad C9-1(-16.365mm,150.5mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net Analog_IT Between Pad D8-1(-18.215mm,152mm) on Top Layer [Unplated] And Pad |
| Un-Routed Net Constraint: Net Analog_IT Between Pad C9-2(-17.865mm,150.5mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net +VR_DC Between Pad D10-1(-74.958mm,139.319mm) on Top Layer [Unplated] And Pad |
| Un-Routed Net Constraint: Net +VR_DC Between Pad U4-1(-75.082mm,116.765mm) on Top Layer [Unplated] And Pad |
| Un-Routed Net Constraint: Net -VR_DC Between Pad R54-1(-72.288mm,142.067mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net -VR_DC Between Pad U4-2(-72.542mm,116.765mm) on Top Layer [Unplated] And Pad |
| Un-Routed Net Constraint: Net A\L\1\ Between Pad D1-1(-41.148mm,75.046mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net A\L\1\ Between Pad D1-1(-41.148mm,75.046mm) on Top Layer And Via (5.25mm,0mm) |
| Un-Routed Net Constraint: Net VR Between Pad D11-1(-75.084mm,159.639mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net VR Between Pad D11-1(-75.084mm,159.639mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net NOTR Between Pad D11-2(-72.733mm,159.639mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net NOTR Between Pad D11-2(-72.733mm,159.639mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net NetD1_2 Between Pad D1-2(-41.148mm,75.946mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net +VS_DC Between Pad R58-1(-60.477mm,141.559mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net +VS_DC Between Pad D12-1(-60.353mm,138.938mm) on Top Layer [Unplated] And Pad |
| Un-Routed Net Constraint: Net -VS_DC Between Pad D12-2(-57.553mm,138.938mm) on Top Layer [Unplated] And Pad |
| Un-Routed Net Constraint: Net -VS_DC Between Pad D12-2(-57.553mm,138.938mm) on Top Layer [Unplated] And Pad |
| Un-Routed Net Constraint: Net S\E\N\S\E\_\/\S\ Between Pad D13-1(-58.122mm,132.842mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net NetD13_2 Between Pad D13-2(-59.022mm,132.842mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net +VT_DC Between Pad D14-1(-47.78mm,138.43mm) on Top Layer [Unplated] And Pad |
| Un-Routed Net Constraint: Net +VT_DC Between Pad D14-1(-47.78mm,138.43mm) on Top Layer [Unplated] And Pad |
| Un-Routed Net Constraint: Net -VT_DC Between Pad D14-2(-44.98mm,138.43mm) on Top Layer [Unplated] And Pad |
| Un-Routed Net Constraint: Net -VT_DC Between Pad D14-2(-44.98mm,138.43mm) on Top Layer [Unplated] And Pad |
| Un-Routed Net Constraint: Net VS Between Pad D15-1(-60.098mm,159.512mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net VS Between Pad D15-1(-60.098mm,159.512mm) on Top Layer And Pad |

## Un-Routed Net Constraint ( (All) )

| |
|---|
| Un-Routed Net Constraint: Net NOTR Between Pad D15-2(-57.747mm,159.512mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net NetD17_2 Between Pad D17-2(-46.83mm,133.096mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net VT Between Pad D19-1(-46.953mm,159.639mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net VT Between Pad D19-1(-46.953mm,159.639mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net NOTR Between Pad D19-2(-44.602mm,159.639mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net NOTR Between Pad D19-2(-44.602mm,159.639mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net A\L\2\ Between Pad D2-1(-27.178mm,74.861mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net A\L\2\ Between Pad D2-1(-27.178mm,74.861mm) on Top Layer And Via (6.05mm,0mm) |
| Un-Routed Net Constraint: Net NetD2_2 Between Pad D2-2(-27.178mm,75.761mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net CT_R- Between Pad D4-2(-21.815mm,152mm) on Top Layer [Unplated] And Pad |
| Un-Routed Net Constraint: Net CT_R- Between Pad R8-1(-22.515mm,155mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net Analog_IR Between Pad D4-1(-24.015mm,152mm) on Top Layer [Unplated] And Pad |
| Un-Routed Net Constraint: Net Analog_IR Between Pad D3-2(-24.015mm,153.5mm) on Top Layer [Unplated] And Pad |
| Un-Routed Net Constraint: Net CT_S- Between Pad D6-2(-18.915mm,152mm) on Top Layer [Unplated] And Pad |
| Un-Routed Net Constraint: Net CT_S- Between Pad R11-1(-20.015mm,155mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net Analog_IS Between Pad D6-1(-21.115mm,152mm) on Top Layer [Unplated] And Pad |
| Un-Routed Net Constraint: Net Analog_IS Between Pad D5-2(-21.115mm,153.5mm) on Top Layer [Unplated] And Pad |
| Un-Routed Net Constraint: Net CT_T- Between Pad D8-2(-16.015mm,152mm) on Top Layer [Unplated] And Pad |
| Un-Routed Net Constraint: Net CT_T- Between Pad R14-1(-17.515mm,155mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net Analog_IT Between Pad D8-1(-18.215mm,152mm) on Top Layer [Unplated] And Pad |
| Un-Routed Net Constraint: Net Analog_IT Between Pad D7-2(-18.215mm,153.5mm) on Top Layer [Unplated] And Pad |
| Un-Routed Net Constraint: Net NetD9_2 Between Pad R49-1(-73.509mm,130.937mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net VISO_3V3 Between Pad FB1-1(-75.692mm,91.288mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net NOTR Between Pad R47-1(14.305mm,142.621mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net VT Between Pad J2-5(11.851mm,160.528mm) on Multi-Layer And Pad |
| Un-Routed Net Constraint: Net VS Between Pad J2-6(9.351mm,160.528mm) on Multi-Layer And Pad |
| Un-Routed Net Constraint: Net VR Between Pad J2-7(6.851mm,160.528mm) on Multi-Layer And Pad |
| Un-Routed Net Constraint: Net CT_R+ Between Pad J3-1(-23.14mm,162.449mm) on Top Layer [Unplated] And Pad |
| Un-Routed Net Constraint: Net CT_R- Between Pad R8-1(-22.515mm,155mm) on Top Layer [Unplated] And Pad |
| Un-Routed Net Constraint: Net CT_S+ Between Pad J3-3(-20.64mm,162.449mm) on Top Layer [Unplated] And Pad |
| Un-Routed Net Constraint: Net CT_S- Between Pad R11-1(-20.015mm,155mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net CT_T+ Between Pad J3-5(-18.14mm,162.449mm) on Top Layer [Unplated] And Pad |
| Un-Routed Net Constraint: Net CT_T- Between Pad R14-1(-17.515mm,155mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net Analog_IS Between Pad R11-2(-20.015mm,158mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net 3V3 Between Pad R68-2(-68.199mm,77.773mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net GNDISO Between Pad R12-1(-19.265mm,148.57mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net GNDISO Between Pad R9-1(-22.165mm,148.57mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net Analog_IT Between Pad R14-2(-17.515mm,158mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net GNDISO Between Pad R15-1(-16.365mm,148.57mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net IFC0 Between Pad R16-1(-12.016mm,130.048mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net 3V3ISO Between Pad R22-1(-12.876mm,129.159mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net 3V3ISO Between Pad R16-2(-12.876mm,130.048mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net ADDR1 Between Pad R17-1(-12.016mm,127.381mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net 3V3ISO Between Pad R17-2(-12.876mm,127.381mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net 3V3ISO Between Pad R17-2(-12.876mm,127.381mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net ADDR0 Between Pad U3-18(-5.22mm,127.02mm) on Top Layer [Unplated] And Pad |
| Un-Routed Net Constraint: Net 3V3ISO Between Pad R18-2(-2.237mm,125.349mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net I\S\O\_\A\L\2\ Between Pad R5-2(-24.257mm,95.807mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net I\S\O\_\A\L\2\ Between Pad U3-9(-9.37mm,125.87mm) on Top Layer [Unplated] And Pad |
| Un-Routed Net Constraint: Net 3V3ISO Between Pad R26-1(-12.749mm,125.476mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net 3V3ISO Between Pad R19-2(-9.271mm,122.633mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net I\S\O\_\A\L\1\ Between Pad U3-20(-5.22mm,128.02mm) on Top Layer [Unplated] And Pad |
| Un-Routed Net Constraint: Net 3V3ISO Between Pad R20-2(-2.237mm,127.381mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net 3V3ISO Between Pad R27-1(-2.237mm,126.365mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net I\S\O\_\A\L\1\_\ Between Pad U1-1(-39.243mm,92.304mm) on Top Layer [Unplated] And |
| Un-Routed Net Constraint: Net GNDISO Between Pad U3-15(-6.37mm,125.87mm) on Top Layer [Unplated] And Pad |

## Un-Routed Net Constraint ( (All) )

Un-Routed Net Constraint: Net IFC1 Between Pad U3-22(-5.22mm,129.02mm) on Top Layer [Unplated] And Pad

Un-Routed Net Constraint: Net I\S\O\_\A\L\1\ Between Pad R2-2(-39.243mm,95.426mm) on Top Layer And Pad

Un-Routed Net Constraint: Net 3V3ISO Between Pad R31-1(-12.876mm,128.27mm) on Top Layer And Pad

Un-Routed Net Constraint: Net I\S\O\_\A\L\4\ Between Pad R22-2(-12.016mm,129.159mm) on Top Layer And Pad

Un-Routed Net Constraint: Net NetR23_1 Between Pad U3-12(-7.87mm,125.87mm) on Top Layer [Unplated] And Pad

Un-Routed Net Constraint: Net XIN Between Pad X1-1(-6.285mm,120.057mm) on Top Layer And Pad

Un-Routed Net Constraint: Net 3V3ISO Between Pad R24-1(-2.237mm,128.397mm) on Top Layer And Pad

Un-Routed Net Constraint: Net I\S\O\_\A\L\5\ Between Pad U3-21(-5.22mm,128.52mm) on Top Layer [Unplated] And Pad

Un-Routed Net Constraint: Net NetR25_1 Between Pad R25-1(-9.574mm,118.999mm) on Top Layer And Pad

Un-Routed Net Constraint: Net XOUT Between Pad R25-2(-8.714mm,118.999mm) on Top Layer And Pad

Un-Routed Net Constraint: Net 3V3ISO Between Pad R26-1(-12.749mm,125.476mm) on Top Layer And Pad

Un-Routed Net Constraint: Net 3V3ISO Between Pad R69-2(-68.072mm,92.153mm) on Top Layer And Pad

Un-Routed Net Constraint: Net I\S\O\_\D\I\O\5\ Between Pad R26-2(-11.889mm,125.476mm) on Top Layer And Pad

Un-Routed Net Constraint: Net I\S\O\_\D\I\O\1\1\ Between Pad U3-19(-5.22mm,127.52mm) on Top Layer [Unplated] And

Un-Routed Net Constraint: Net 3V3ISO Between Pad R28-1(-8.382mm,122.633mm) on Top Layer And Pad

Un-Routed Net Constraint: Net I\S\O\_\D\I\O\1\2\ Between Pad U3-10(-8.87mm,125.87mm) on Top Layer [Unplated] And

Un-Routed Net Constraint: Net I\S\O\_\D\I\O\1\3\ Between Pad R29-2(-11.889mm,126.365mm) on Top Layer And Pad

Un-Routed Net Constraint: Net NOTR Between Pad U3-11(-8.37mm,125.87mm) on Top Layer [Unplated] And Pad

Un-Routed Net Constraint: Net I\S\O\_\D\I\O\1\4\ Between Pad R31-2(-12.016mm,128.27mm) on Top Layer And Pad

Un-Routed Net Constraint: Net A\L\1\_\ Between Pad R3-2(-40.513mm,83.361mm) on Top Layer And Pad

Un-Routed Net Constraint: Net I\S\O\_\D\I\O\1\5\ Between Pad R32-2(-12.016mm,130.937mm) on Top Layer And Pad

Un-Routed Net Constraint: Net I\S\O\_\R\E\S\E\T\ Between Pad U3-23(-5.22mm,129.52mm) on Top Layer [Unplated] And

Un-Routed Net Constraint: Net NetR34_1 Between Pad R35-2(10.009mm,147.32mm) on Top Layer And Pad

Un-Routed Net Constraint: Net NetR35_1 Between Pad R36-2(7.009mm,144.78mm) on Top Layer And Pad

Un-Routed Net Constraint: Net NetC17_2 Between Pad R48-2(9.571mm,142.621mm) on Top Layer And Pad

Un-Routed Net Constraint: Net Analog_VR Between Pad U3-25(-5.87mm,130.67mm) on Top Layer [Unplated] And Pad

Un-Routed Net Constraint: Net NetR38_1 Between Pad R39-2(16.74mm,147.32mm) on Top Layer And Pad

Un-Routed Net Constraint: Net NetR39_1 Between Pad R40-2(13.613mm,144.78mm) on Top Layer And Pad

Un-Routed Net Constraint: Net NetC16_2 Between Pad R47-2(16.175mm,142.621mm) on Top Layer And Pad

Un-Routed Net Constraint: Net Analog_VS Between Pad U3-26(-6.37mm,130.67mm) on Top Layer [Unplated] And Pad

Un-Routed Net Constraint: Net 3V3 Between Pad R4-2(-25.4mm,75.614mm) on Top Layer And Via (-5.15mm,0mm) from

Un-Routed Net Constraint: Net NetR42_1 Between Pad R42-1(23.217mm,149.86mm) on Top Layer And Pad

Un-Routed Net Constraint: Net NetR43_1 Between Pad R44-2(20.217mm,144.78mm) on Top Layer And Pad

Un-Routed Net Constraint: Net NetC15_2 Between Pad R46-2(22.525mm,142.621mm) on Top Layer And Pad

Un-Routed Net Constraint: Net Analog_VT Between Pad U3-27(-6.87mm,130.67mm) on Top Layer [Unplated] And Pad

Un-Routed Net Constraint: Net NOTR Between Pad R48-1(7.701mm,142.621mm) on Top Layer And Pad

Un-Routed Net Constraint: Net 3V3 Between Pad R49-2(-74.369mm,130.937mm) on Top Layer And Pad

Un-Routed Net Constraint: Net 3V3 Between Pad R49-2(-74.369mm,130.937mm) on Top Layer And Pad

Un-Routed Net Constraint: Net 3V3 Between Pad U7-1(-73.279mm,80.948mm) on Top Layer [Unplated] And Pad

Un-Routed Net Constraint: Net I\S\O\_\A\L\2\_\ Between Pad U2-1(-24.384mm,92.304mm) on Top Layer [Unplated] And

Un-Routed Net Constraint: Net NetR51_1 Between Pad R52-2(-74.955mm,143.81mm) on Top Layer And Pad

Un-Routed Net Constraint: Net NetR51_2 Between Pad R51-2(-74.828mm,147.747mm) on Top Layer And Pad

Un-Routed Net Constraint: Net NetR53_1 Between Pad R54-2(-72.288mm,143.937mm) on Top Layer And Pad

Un-Routed Net Constraint: Net NetR53_2 Between Pad R53-2(-72.161mm,147.747mm) on Top Layer And Pad

Un-Routed Net Constraint: Net 3V3 Between Pad R55-2(-59.002mm,131.318mm) on Top Layer And Pad

Un-Routed Net Constraint: Net 3V3 Between Pad R55-2(-59.002mm,131.318mm) on Top Layer And Pad

Un-Routed Net Constraint: Net NetR57_1 Between Pad R58-2(-60.477mm,143.429mm) on Top Layer And Pad

Un-Routed Net Constraint: Net NetR57_2 Between Pad R57-2(-60.477mm,147.112mm) on Top Layer And Pad

Un-Routed Net Constraint: Net NetR59_1 Between Pad R60-2(-57.175mm,143.129mm) on Top Layer And Pad

Un-Routed Net Constraint: Net NetR59_2 Between Pad U9-2(-57.429mm,149.404mm) on Top Layer [Unplated] And Pad

Un-Routed Net Constraint: Net 3V3 Between Pad R61-2(-46.937mm,131.318mm) on Top Layer And Pad

Un-Routed Net Constraint: Net A\L\2\_\ Between Pad U2-5(-25.654mm,86.004mm) on Top Layer [Unplated] And Pad

Un-Routed Net Constraint: Net NetR63_1 Between Pad R64-2(-47.396mm,142.921mm) on Top Layer And Pad

Un-Routed Net Constraint: Net NetR63_2 Between Pad R63-2(-47.015mm,146.858mm) on Top Layer And Pad

Un-Routed Net Constraint: Net NetR65_1 Between Pad R65-1(-44.221mm,144.988mm) on Top Layer And Pad

Un-Routed Net Constraint: Net NetR65_2 Between Pad U10-2(-44.348mm,149.531mm) on Top Layer [Unplated] And

Pad

## Un-Routed Net Constraint ( (All) )

| Un-Routed Net Constraint |
| --- |
| Un-Routed Net Constraint: Net 3V3_UART_RX Between Pad R67-1(-71.755mm,76.913mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net 3V3 Between Pad R67-2(-71.755mm,77.773mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net 3V3_UART_TX Between Pad R71-2(-69.421mm,76.922mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net 3V3_UART_TX Between Pad R68-1(-68.199mm,76.913mm) on Top Layer And Via |
| Un-Routed Net Constraint: Net ISO_UART_TX Between Pad R72-1(-69.469mm,93.013mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net ISO_UART_TX Between Pad R69-1(-68.072mm,93.013mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net 3V3ISO Between Pad R70-2(-72.136mm,92.153mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net ISO_UART_RX Between Pad R70-1(-72.136mm,93.013mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net Analog_IR Between Pad R8-2(-22.515mm,158mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net 3V3_UART_TX_ Between Pad U7-4(-69.469mm,80.948mm) on Top Layer [Unplated] And |
| Un-Routed Net Constraint: Net ISO_UART_TX_ Between Pad U7-13(-69.469mm,90.248mm) on Top Layer [Unplated] And Pad |
| Un-Routed Net Constraint: Net 3V3_UART_RX_ Between Pad U7-3(-70.739mm,80.948mm) on Top Layer [Unplated] And Pad |
| Un-Routed Net Constraint: Net 3V3_UART_RX Between Pad R73-2(-70.691mm,76.922mm) on Top Layer And Via |
| Un-Routed Net Constraint: Net ISO_UART_RX Between Pad R74-1(-70.866mm,93.013mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net ISO_UART_RX_ Between Pad R74-2(-70.866mm,92.153mm) on Top Layer And Pad |
| Un-Routed Net Constraint: Net 3V3_POWER_EN Between Pad U7-7(-65.659mm,80.948mm) on Top Layer [Unplated] |
| Un-Routed Net Constraint: Net NOTR Between Pad U9-3(-57.429mm,155.904mm) on Top Layer [Unplated] And Pad |
| Un-Routed Net Constraint: Net GNDISO Between Pad U1-3(-41.783mm,92.304mm) on Top Layer [Unplated] And Pad |
| Un-Routed Net Constraint: Net GND Between Pad U6-3(-43.586mm,123.138mm) on Top Layer [Unplated] And Pad |
| Un-Routed Net Constraint: Net GNDISO Between Pad U3-1(-10.02mm,130.02mm) on Top Layer [Unplated] And Pad |
| Un-Routed Net Constraint: Net NOTR Between Pad U3-32(-9.37mm,130.67mm) on Top Layer [Unplated] And Pad |
| Un-Routed Net Constraint: Net GNDISO Between Pad U3-14(-6.87mm,125.87mm) on Top Layer [Unplated] And Pad |
| Un-Routed Net Constraint: Net NOTR Between Pad U3-28(-7.37mm,130.67mm) on Top Layer [Unplated] And Pad |
| Un-Routed Net Constraint: Net NOTR Between Pad U3-32(-9.37mm,130.67mm) on Top Layer [Unplated] And Pad |
| Un-Routed Net Constraint: Net GND Between Pad U4-3(-72.542mm,123.265mm) on Top Layer [Unplated] And Pad |
| Un-Routed Net Constraint: Net S\E\N\S\E\_\\\R\ Between Pad U4-4(-75.082mm,123.265mm) on Top Layer [Unplated] |
| Un-Routed Net Constraint: Net S\E\N\S\E\_\\\S\ Between Pad U5-4(-59.207mm,124.027mm) on Top Layer [Unplated] |
| Un-Routed Net Constraint: Net S\E\N\S\E\_\\\T\ Between Pad U6-4(-46.126mm,123.138mm) on Top Layer [Unplated] |
| Un-Routed Net Constraint: Net GNDISO Between Pad U7-15(-72.009mm,90.248mm) on Top Layer [Unplated] And Pad |
| Un-Routed Net Constraint: Net GNDISO Between Pad U7-11(-66.929mm,90.248mm) on Top Layer [Unplated] And Pad |
| Un-Routed Net Constraint: Net GND Between Pad U7-2(-72.009mm,80.948mm) on Top Layer [Unplated] And Pad |
| Un-Routed Net Constraint: Net GND Between Track (1.65mm,-1.85mm)(1.65mm,0.426mm) on Top Layer And Track |
| Un-Routed Net Constraint: Net GND Between Track (-2.35mm,-1.85mm)(-2.35mm,0.426mm) on Top Layer And Track |
| Un-Routed Net Constraint: Net GND Between Track (-2.35mm,-1.85mm)(-2.35mm,0.426mm) on Top Layer And Track |
| Un-Routed Net Constraint: Net GND Between Track (11.25mm,-1.85mm)(11.43mm,-1.67mm) on Top Layer And Track |
| Un-Routed Net Constraint: Net GND Between Track (11.25mm,-1.85mm)(11.43mm,-1.67mm) on Top Layer And Track |
| Un-Routed Net Constraint: Net GND Between Track (4.05mm,-1.85mm)(4.129mm,-1.771mm) on Top Layer And Track |
| Un-Routed Net Constraint: Net GND Between Track (11.65mm,-1.85mm)(11.65mm,0.65mm) on Bottom Layer And Track |
| Un-Routed Net Constraint: Net GND Between Track (13.25mm,-1.85mm)(13.25mm,0.65mm) on Bottom Layer And Track |
| Un-Routed Net Constraint: Net GND Between Track (15.25mm,-1.85mm)(15.25mm,0.426mm) on Top Layer And Track |
| Un-Routed Net Constraint: Net GND Between Track (2.05mm,-1.85mm)(2.05mm,0.65mm) on Bottom Layer And Track |
| Un-Routed Net Constraint: Net GND Between Track (4.45mm,-1.85mm)(4.45mm,0.65mm) on Bottom Layer And Track |

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Arc (-24.454mm,91.254mm) on Top Overlay And

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Arc (-39.313mm,91.254mm) on Top Overlay And

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Arc (-45.956mm,117.888mm) on Top Overlay And

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Arc (-47.818mm,149.781mm) on Top Overlay And

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Arc (-59.037mm,118.777mm) on Top Overlay And

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Arc (-60.899mm,149.654mm) on Top Overlay And

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Arc (-73.279mm,82.55mm) on Top Overlay And

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Arc (-74.912mm,118.015mm) on Top Overlay And

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Arc (-75.631mm,150.289mm) on Top Overlay And

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad C1-1(36.957mm,82.501mm)

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad C18-1(22.479mm,138mm)

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad C20-1(9.525mm,138mm)

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad C20-2(9.525mm,138.86mm)

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad C2-2(38.989mm,83.361mm)

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad C5-1(23.495mm,83.009mm)

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad C5-2(23.495mm,83.869mm)

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad C6-2(27.686mm,83.742mm)

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad C7-1(22.165mm,150.5mm)

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad C7-2(23.665mm,150.5mm)

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad C8-1(19.265mm,150.5mm)

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad C8-2(20.765mm,150.5mm)

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad C9-1(6.365mm,150.5mm)

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad D1-2(41.148mm,75.946mm)

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad D14-1(47.78mm,138.43mm)

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad D14-2(44.98mm,138.43mm)

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad D3-1(21.815mm,153.5mm)

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad D5-1(18.915mm,153.5mm)

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad D5-2(21.115mm,153.5mm)

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad D6-1(-21.115mm,152mm)

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad D6-2(-18.915mm,152mm)

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad J2-1(21.085mm,160.528mm)

Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad J2-2(19.351mm,160.528mm)

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

| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| --- |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| J2-3(1.085mm,160.528mm) |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| J2-4(1.035mm,160.528mm) |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| J2-5(1.085mm,160.528mm) |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| J2-6(9.351mm,160.528mm) |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| J2-7(6.051mm,160.528mm) |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| J3-4(19.39mm,162.449mm) |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| R11-1(20.015mm,155mm) |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| R11-2(20.015mm,158mm) |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| R14-1(17.515mm,155mm) |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| R14-2(17.515mm,158mm) |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| R3-2(40.513mm,83.361mm) |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| R34-2(7.009mm,149.86mm) |
| R35-1(7.009mm,147.32mm) |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| R36-2(7.009mm,144.78mm) |
| R37-1(6.128mm,136.86mm) |
| R37-2(6.128mm,138.73mm) |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| R39-1(03.74mm,147.32mm) |
| R39-2(06.74mm,147.32mm) |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |

| Board Clearance Constraint (Gap=0mm) (All) |
|---|
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad R8-1(-22.515mm,155mm) |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad R8-2(-22.515mm,158mm) |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad U1-3(-41.783mm,92.304mm) |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad U2-4(-26.924mm,86.004mm) |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad U3-10(-8.87mm,125.87mm) |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad U3-18(-5.87mm,125.87mm) |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad U3-19(-5.82mm,127.52mm) |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad U3-28(-7.87mm,130.67mm) |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad U3-9(-9.37mm,125.87mm) |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad U7-4(-69.469mm,80.048mm) |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad U7-6(-66.929mm,80.048mm) |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Pad U7-8(-64.389mm,80.048mm) |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Text "C17" |

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

| |
|---|
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Text "CURRENT R" |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Text "D15" |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Text "R24" |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Text "R32" |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Text "R43" |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Text "R59" |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Text "R75" |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Text "U4" |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |

| Board Clearance Constraint (Gap=0mm) (All) |
| --- |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |
| Board Outline Clearance(Outline Edge): (Collision < 0.25mm) Between Board Edge And Track |