Electrical Rules Check Report

Class	Document	Message
Warning	Solens.SchDoc	Nets Wire I2C2_ALERT has multiple names (Net Label I2C2_ALERT,Net Label PERIPH_ALERT,Sheet Entry Z1-PERIPH_ALERT(I/O),Sheet Entry Z2-FUEL_AL_L(I/O),Sheet Entry Z3-A\L\E\R\T\(I/O))
Warning	Solens.SchDoc	Nets Wire I2C2_SCL has multiple names (Net Label I2C2_SCL,Net Label PERIPH_SCL,Sheet Entry Z1-PERIPH_SCL(I/O),Sheet Entry Z2-SCL(I/O),Sheet Entry Z3-SCL(I/O))
Warning	Solens.SchDoc	Nets Wire I2C2_SDA has multiple names (Net Label I2C2_SDA,Net Label PERIPH_SDA,Sheet Entry Z1-PERIPH_SDA(I/O),Sheet Entry Z2-SDA(I/O),Sheet Entry Z3-SDA(I/O))
Warning	Solens.SchDoc	Nets Wire PERIPH_ALERT has multiple names (Sheet Entry Z1-PERIPH_ALERT(I/O),Sheet Entry Z2-FUEL_AL_L(I/O),Sheet Entry Z3-A\L\E\R\T\(I/O))
Warning	Solens.SchDoc	Nets Wire PERIPH_SCL has multiple names (Sheet Entry Z1-PERIPH_SCL(I/O),Sheet Entry Z2-SCL(I/O),Sheet Entry Z3-SCL(I/O))
Warning	Solens.SchDoc	Nets Wire PERIPH_SDA has multiple names (Sheet Entry Z1-PERIPH_SDA(I/O),Sheet Entry Z2-SDA(I/O),Sheet Entry Z3-SDA(I/O))
Warning	Solens.SchDoc	Nets Wire PWR_CHRG_L has multiple names (Net Label PWR_CHRG_L,Sheet Entry Z1-PV_CHRG_L(Input),Sheet Entry Z2-PV_CHRG_L(Output))
Warning	Solens.SchDoc	Nets Wire PWR_FAULT_L has multiple names (Net Label PWR_FAULT_L,Sheet Entry Z1-PV_FAULT_L(Input),Sheet Entry Z2-PV_FAULT_L(Output))
Warning	SolarCharger.SchDoc	VBAT_INT contains Input Pin and Unspecified Port objects (Pin U200-9,Port VBAT_INT)

Design Rules Verification Report
Filename : C:\Users\qux\projects\solenshardware\Altium\Solens\Solens.PcbDoc

Warnings	
Your board contains 18 shelved polygons - copper connectivity will not be reported correctly. Unshelve polygons and	18
Unplated multi-layer pad(s) detected	4
Total	22

Rule Violations	
Room Z1 (Bounding Region = (2350mil, 7664.961mil, 4416.929mil, 8688.583mil) (Disabled)(InComponentClass('Z1'))	0
Width Constraint (Min=8mil) (Max=120mil) (Preferred=8mil) (InComponent('MTGH*'))	0
Short-Circuit Constraint (Allowed=Yes) (InComponent('MTGH*') And (IsFill Or IsPad Or IsTrack)),(InComponent('MTG*')	0
Short-Circuit Constraint (Allowed=Yes) (InComponent('SJ*') And (IsFill Or IsPad Or IsTrack)),(InComponent('SJ*') And	0
Clearance Constraint (Gap=0mil) (InComponent('SJ*') And (IsFill Or IsPad Or IsTrack)),(InComponent('SJ*') And (IsFill	0
Modified Polygon (Allow modified: No), (Allow shelved: No)	18
Net Antennae (Tolerance=0mil) (All)	197
Silk to Silk (Clearance=5mil) (All),(All)	14
Silk To Solder Mask (Clearance=2mil) (IsPad),(All)	1
Hole To Hole Clearance (Gap=10mil) (All),(All)	0
Hole Size Constraint (Min=8mil) (Max=250mil) (All)	0
Height Constraint (Min=0mil) (Max=1000mil) (Prefered=500mil) (All)	0
Component Clearance Constraint (Horizontal Gap = 1mil, Vertical Gap = 10mil) (All),(All)	2
Width Constraint (Min=7mil) (Max=12mil) (Preferred=8mil) (All)	0
Power Plane Connect Rule(Relief Connect)(Expansion=20mil) (Conductor Width=10mil) (Air Gap=10mil) (Entries=4)	0
Clearance Constraint (Gap=8mil) (All),(All)	0
Un-Routed Net Constraint ((All))	118
Short-Circuit Constraint (Allowed=No) (All),(All)	0
Width Constraint (Min=8mil) (Max=64mil) (Preferred=8mil) (InNetClass('PWR'))	0
Width Constraint (Min=8mil) (Max=64mil) (Preferred=8mil) (InNetClass('HVY'))	0
Component Clearance Constraint (Horizontal Gap = 0mil, Vertical Gap = 0mil)	0
Component Clearance Constraint (Horizontal Gap = 0mil, Vertical Gap = 0mil)	0
Room Z2 (Bounding Region = (4416.929mil, 8058.661mil, 5932.677mil, 8688.583mil)	0
Room Z6 (Bounding Region = (6533.072mil, 6026.772mil, 7911.024mil, 7306.299mil)	0
Room Z7 (Bounding Region = (5794.882mil, 7369.685mil, 7911.024mil, 8698.424mil)	0
Total	350

Your board contains 18 shelved polygons - copper connectivity will not be reported correctly. Unshelve polygons and ı
Polygon named: VCC_ESP In net VCC_ESP On Signal Layer 2
Polygon named: 3V3 Plane 1 In net 3V3 On Signal Layer 2
Polygon named: LT3652_VBAT_INT In net VBAT_INT On Signal Layer 2
Polygon named: LT8608_NetC403_2 In net NetC403_2 On Signal Layer 2
Polygon named: GND Plane In net GND On Signal Layer 1
Polygon named: LT3652_VIN In net VIN On Top Layer
Polygon named: LT3652_VBAT_INT In net VBAT_INT On Top Layer
Polygon named: LT3652_SENSE In net SENSE On Top Layer
Polygon named: LT3652_SW In net SW On Top Layer
Polygon named: Top Layer-SPECT_SHIELD In net GND On Top Layer
Polygon named: LT8608_NetC400_1 In net NetC400_1 On Top Layer
Polygon named: LT8608_NetC400_2 In net NetC400_2 On Top Layer
Polygon named: LT8608_VBAT_INT_Top In net VBAT_INT On Top Layer
Polygon named: LT8608_NetC403_2 In net NetC403_2 On Top Layer
Polygon named: LT8608_VBAT_INT_Top In net VBAT_INT On Top Layer
Polygon named: LT3652_VIND In net NetD201_1 On Bottom Layer
Polygon named: Bottom Layer-GND 2 In net GND On Bottom Layer
Polygon named: Bottom Layer-GND 1 In net GND On Bottom Layer

Unplated multi-layer pad(s) detected
Pad MTGH4-1(5314.961mil,196.85mil) on Multi-Layer on Net GND
Pad MTGH3-1(5314.961mil,3543.307mil) on Multi-Layer on Net GND
Pad MTGH2-1(196.85mil,3543.307mil) on Multi-Layer on Net GND
Pad MTGH1-1(196.85mil,196.85mil) on Multi-Layer on Net GND

Modified Polygon (Allow modified: No), (Allow shelved: No)
Modified Polygon: Polygon Shelved (VCC_ESP) on Signal Layer 2
Modified Polygon: Polygon Shelved (3V3 Plane 1) on Signal Layer 2
Modified Polygon: Polygon Shelved (LT3652_VBAT_INT) on Signal Layer 2
Modified Polygon: Polygon Shelved (LT8608_NetC403_2) on Signal Layer 2
Modified Polygon: Polygon Shelved (GND Plane) on Signal Layer 1
Modified Polygon: Polygon Shelved (LT3652_VIN) on Top Layer
Modified Polygon: Polygon Shelved (LT3652_VBAT_INT) on Top Layer
Modified Polygon: Polygon Shelved (LT3652_SENSE) on Top Layer
Modified Polygon: Polygon Shelved (LT3652_SW) on Top Layer
Modified Polygon: Polygon Shelved (Top Layer-SPECT_SHIELD) on Top Layer
Modified Polygon: Polygon Shelved (LT8608_NetC400_1) on Top Layer
Modified Polygon: Polygon Shelved (LT8608_NetC400_2) on Top Layer
Modified Polygon: Polygon Shelved (LT8608_VBAT_INT_Top) on Top Layer
Modified Polygon: Polygon Shelved (LT8608_NetC403_2) on Top Layer
Modified Polygon: Polygon Shelved (LT8608_VBAT_INT_Top) on Top Layer
Modified Polygon: Polygon Shelved (LT3652_VIND) on Bottom Layer
Modified Polygon: Polygon Shelved (Bottom Layer-GND 2) on Bottom Layer
Modified Polygon: Polygon Shelved (Bottom Layer-GND 1) on Bottom Layer

Net Antennae (Tolerance=0mil) (All)
Net Antennae: Via (3267.716mil,736.221mil) from Top Layer to Bottom Layer
Net Antennae: Via (3267.716mil,787.402mil) from Top Layer to Bottom Layer
Net Antennae: Via (3062.992mil,787.402mil) from Top Layer to Bottom Layer
Net Antennae: Via (3062.992mil,736.221mil) from Top Layer to Bottom Layer
Net Antennae: Via (3811.024mil,1716.535mil) from Top Layer to Bottom Layer
Net Antennae: Via (3692.913mil,1716.535mil) from Top Layer to Bottom Layer
Net Antennae: Via (3454.724mil,3153.543mil) from Top Layer to Bottom Layer
Net Antennae: Via (3454.724mil,3122.047mil) from Top Layer to Bottom Layer
Net Antennae: Via (3615.157mil,3217.494mil) from Top Layer to Bottom Layer
Net Antennae: Via (3957.308mil,2853.359mil) from Top Layer to Bottom Layer
Net Antennae: Via (3770.669mil,3362.205mil) from Top Layer to Bottom Layer
Net Antennae: Via (1866.142mil,3090.551mil) from Top Layer to Bottom Layer
Net Antennae: Via (1382.874mil,3067.913mil) from Top Layer to Bottom Layer
Net Antennae: Via (1775.591mil,3139.764mil) from Top Layer to Bottom Layer
Net Antennae: Via (1062.992mil,2822.835mil) from Top Layer to Bottom Layer
Net Antennae: Via (1358.268mil,2799.213mil) from Top Layer to Bottom Layer
Net Antennae: Via (1204.724mil,2799.213mil) from Top Layer to Bottom Layer
Net Antennae: Via (1342.52mil,3039.37mil) from Top Layer to Bottom Layer
Net Antennae: Via (728.346mil,2874.016mil) from Top Layer to Bottom Layer
Net Antennae: Via (446.902mil,3206.642mil) from Top Layer to Bottom Layer
Net Antennae: Via (445.892mil,3325.762mil) from Top Layer to Bottom Layer
Net Antennae: Via (444.882mil,3444.882mil) from Top Layer to Bottom Layer
Net Antennae: Via (3519.685mil,811.024mil) from Top Layer to Bottom Layer
Net Antennae: Via (1940.945mil,854.331mil) from Top Layer to Bottom Layer
Net Antennae: Via (3799.213mil,944.882mil) from Top Layer to Bottom Layer
Net Antennae: Via (3779.528mil,972.441mil) from Top Layer to Bottom Layer
Net Antennae: Via (3346.457mil,669.291mil) from Top Layer to Bottom Layer
Net Antennae: Via (3031.496mil,2086.614mil) from Top Layer to Bottom Layer
Net Antennae: Via (3653.543mil,720.472mil) from Top Layer to Bottom Layer
Net Antennae: Via (306.102mil,3248.032mil) from Top Layer to Bottom Layer
Net Antennae: Via (1942.913mil,1141.732mil) from Top Layer to Bottom Layer
Net Antennae: Via (2178.15mil,1861.22mil) from Top Layer to Bottom Layer
Net Antennae: Via (2178.15mil,1685.039mil) from Top Layer to Bottom Layer
Net Antennae: Via (1587.598mil,1552.165mil) from Top Layer to Bottom Layer
Net Antennae: Via (2507.874mil,1275.591mil) from Top Layer to Bottom Layer
Net Antennae: Via (2559.055mil,1275.591mil) from Top Layer to Bottom Layer
Net Antennae: Via (6263.779mil,724.41mil) from Top Layer to Bottom Layer
Net Antennae: Via (6100.394mil,610.236mil) from Top Layer to Bottom Layer
Net Antennae: Via (3494.095mil,888.779mil) from Top Layer to Bottom Layer
Net Antennae: Via (3306.264mil,887.963mil) from Top Layer to Bottom Layer
Net Antennae: Via (3277.559mil,888.779mil) from Top Layer to Bottom Layer
Net Antennae: Via (3286.578mil,1868.326mil) from Top Layer to Bottom Layer
Net Antennae: Via (3257.874mil,1868.11mil) from Top Layer to Bottom Layer
Net Antennae: Via (768.701mil,1018.701mil) from Top Layer to Bottom Layer
Net Antennae: Via (2661.412mil,1129.914mil) from Top Layer to Bottom Layer
Net Antennae: Via (2596.508mil,1065.012mil) from Top Layer to Bottom Layer
Net Antennae: Via (-1439.961mil,3005.931mil) from Top Layer to Bottom Layer
Net Antennae: Via (-1438.976mil,3134.868mil) from Top Layer to Bottom Layer
Net Antennae: Via (3098.671mil,899.852mil) from Top Layer to Bottom Layer
Net Antennae: Via (2637.795mil,1850.394mil) from Top Layer to Bottom Layer
Net Antennae: Via (2521.653mil,1850.394mil) from Top Layer to Bottom Layer
Net Antennae: Via (1535.433mil,1680.118mil) from Top Layer to Bottom Layer

Net Antennae (Tolerance=0mil) (All)
Net Antennae: Via (1616.142mil,1653.543mil) from Top Layer to Bottom Layer
Net Antennae: Via (1423.228mil,1681.102mil) from Top Layer to Bottom Layer
Net Antennae: Via (1372.047mil,1681.102mil) from Top Layer to Bottom Layer
Net Antennae: Via (1290.354mil,1653.543mil) from Top Layer to Bottom Layer
Net Antennae: Via (1208.661mil,1680.118mil) from Top Layer to Bottom Layer
Net Antennae: Via (826.772mil,1677.165mil) from Top Layer to Bottom Layer
Net Antennae: Via (912.402mil,1653.543mil) from Top Layer to Bottom Layer
Net Antennae: Via (797.244mil,905.512mil) from Top Layer to Bottom Layer
Net Antennae: Via (894.685mil,945.866mil) from Top Layer to Bottom Layer
Net Antennae: Via (1299.213mil,905.512mil) from Top Layer to Bottom Layer
Net Antennae: Via (1586.614mil,1025.591mil) from Top Layer to Bottom Layer
Net Antennae: Via (4696.85mil,2783.465mil) from Top Layer to Bottom Layer
Net Antennae: Via (4574.803mil,2854.331mil) from Top Layer to Bottom Layer
Net Antennae: Via (2500mil,1692.913mil) from Top Layer to Bottom Layer
Net Antennae: Via (3267.716mil,2051.181mil) from Top Layer to Bottom Layer
Net Antennae: Via (3326.772mil,2070.866mil) from Top Layer to Bottom Layer
Net Antennae: Via (1614.173mil,922.244mil) from Top Layer to Bottom Layer
Net Antennae: Via (3055.118mil,2047.244mil) from Top Layer to Bottom Layer
Net Antennae: Via (3051.181mil,1968.504mil) from Top Layer to Bottom Layer
Net Antennae: Via (2372.047mil,-476.378mil) from Top Layer to Bottom Layer
Net Antennae: Via (2399.606mil,-633.858mil) from Top Layer to Bottom Layer
Net Antennae: Via (2746.063mil,-633.858mil) from Top Layer to Bottom Layer
Net Antennae: Via (6190.945mil,543.307mil) from Top Layer to Bottom Layer
Net Antennae: Via (6190.945mil,799.213mil) from Top Layer to Bottom Layer
Net Antennae: Via (5954.724mil,444.882mil) from Top Layer to Bottom Layer
Net Antennae: Via (-1287.402mil,3031.496mil) from Top Layer to Bottom Layer
Net Antennae: Via (3090.551mil,1899.606mil) from Top Layer to Bottom Layer
Net Antennae: Via (2915.354mil,-476.378mil) from Top Layer to Bottom Layer
Net Antennae: Via (3848.425mil,-419.291mil) from Top Layer to Bottom Layer
Net Antennae: Via (3848.425mil,-537.402mil) from Top Layer to Bottom Layer
Net Antennae: Via (3638.78mil,1250mil) from Top Layer to Bottom Layer
Net Antennae: Via (3299.206mil,1968.495mil) from Top Layer to Bottom Layer
Net Antennae: Via (3877.953mil,244.095mil) from Top Layer to Bottom Layer
Net Antennae: Via (3996.063mil,244.095mil) from Top Layer to Bottom Layer
Net Antennae: Via (4114.173mil,244.095mil) from Top Layer to Bottom Layer
Net Antennae: Via (4232.283mil,244.095mil) from Top Layer to Bottom Layer
Net Antennae: Via (5954.725mil,897.638mil) from Top Layer to Bottom Layer
Net Antennae: Via (1131.89mil,285.433mil) from Top Layer to Bottom Layer
Net Antennae: Via (-1444.885mil,3185.035mil) from Top Layer to Bottom Layer
Net Antennae: Via (-850.394mil,1614.173mil) from Top Layer to Bottom Layer
Net Antennae: Via (4921.26mil,285.433mil) from Top Layer to Bottom Layer
Net Antennae: Via (2539.37mil,3401.575mil) from Top Layer to Bottom Layer
Net Antennae: Via (2500mil,3401.575mil) from Top Layer to Bottom Layer
Net Antennae: Via (2539.37mil,3362.205mil) from Top Layer to Bottom Layer
Net Antennae: Via (2500mil,3362.205mil) from Top Layer to Bottom Layer
Net Antennae: Via (1125.984mil,3139.764mil) from Top Layer to Bottom Layer
Net Antennae: Via (1125.984mil,3096.457mil) from Top Layer to Bottom Layer
Net Antennae: Via (1082.677mil,3139.764mil) from Top Layer to Bottom Layer
Net Antennae: Via (1082.677mil,3096.457mil) from Top Layer to Bottom Layer
Net Antennae: Via (1039.37mil,3139.764mil) from Top Layer to Bottom Layer
Net Antennae: Via (1039.37mil,3096.457mil) from Top Layer to Bottom Layer
Net Antennae: Via (1668.307mil,3289.022mil) from Top Layer to Bottom Layer

Net Antennae (Tolerance=0mil) (All)
Net Antennae: Via (1668.307mil,3252.317mil) from Top Layer to Bottom Layer
Net Antennae: Via (1668.307mil,3214.567mil) from Top Layer to Bottom Layer
Net Antennae: Via (1668.307mil,3175.197mil) from Top Layer to Bottom Layer
Net Antennae: Via (2458.662mil,3507.874mil) from Top Layer to Bottom Layer
Net Antennae: Via (2444.882mil,3480.315mil) from Top Layer to Bottom Layer
Net Antennae: Via (2457.677mil,3452.756mil) from Top Layer to Bottom Layer
Net Antennae: Via (2445.866mil,3197.835mil) from Top Layer to Bottom Layer
Net Antennae: Via (2732.284mil,3200.787mil) from Top Layer to Bottom Layer
Net Antennae: Via (2450.787mil,3553.15mil) from Top Layer to Bottom Layer
Net Antennae: Via (2788.386mil,3354.331mil) from Top Layer to Bottom Layer
Net Antennae: Via (2804.134mil,3318.898mil) from Top Layer to Bottom Layer
Net Antennae: Via (2804.134mil,3263.78mil) from Top Layer to Bottom Layer
Net Antennae: Via (3496.063mil,3456.693mil) from Top Layer to Bottom Layer
Net Antennae: Via (3232.284mil,3480.315mil) from Top Layer to Bottom Layer
Net Antennae: Via (3385.827mil,3401.575mil) from Top Layer to Bottom Layer
Net Antennae: Via (3381.89mil,3208.661mil) from Top Layer to Bottom Layer
Net Antennae: Via (3129.921mil,3307.087mil) from Top Layer to Bottom Layer
Net Antennae: Via (3196.85mil,3307.087mil) from Top Layer to Bottom Layer
Net Antennae: Via (3082.677mil,3448.819mil) from Top Layer to Bottom Layer
Net Antennae: Via (2440.945mil,3653.543mil) from Top Layer to Bottom Layer
Net Antennae: Via (2393.701mil,3653.543mil) from Top Layer to Bottom Layer
Net Antennae: Via (2417.323mil,3622.047mil) from Top Layer to Bottom Layer
Net Antennae: Via (2940.945mil,3354.331mil) from Top Layer to Bottom Layer
Net Antennae: Via (2940.945mil,3401.575mil) from Top Layer to Bottom Layer
Net Antennae: Via (2964.567mil,3429.134mil) from Top Layer to Bottom Layer
Net Antennae: Via (4783.465mil,1206.299mil) from Top Layer to Bottom Layer
Net Antennae: Via (4862.205mil,1206.299mil) from Top Layer to Bottom Layer
Net Antennae: Via (4783.465mil,1403.149mil) from Top Layer to Bottom Layer
Net Antennae: Via (4862.205mil,1403.149mil) from Top Layer to Bottom Layer
Net Antennae: Via (4605.315mil,1442.52mil) from Top Layer to Bottom Layer
Net Antennae: Via (4604.331mil,1517.323mil) from Top Layer to Bottom Layer
Net Antennae: Via (3627.953mil,1702.756mil) from Top Layer to Bottom Layer
Net Antennae: Track (3444.63mil,1649.858mil)(4163.724mil,1649.858mil) on Bottom Layer
Net Antennae: Track (4066.929mil,1350.394mil)(4350.646mil,1066.677mil) on Bottom Layer
Net Antennae: Track (4078.74mil,1381.89mil)(4377.953mil,1082.677mil) on Bottom Layer
Net Antennae: Track (2913.386mil,1633.858mil)(4157.097mil,1633.858mil) on Bottom Layer
Net Antennae: Track (2915.701mil,1588.236mil)(4151.228mil,1588.236mil) on Bottom Layer
Net Antennae: Track (1152.559mil,2754.921mil)(1152.559mil,2905.512mil) on Bottom Layer
Net Antennae: Track (1176.181mil,2750.984mil)(1176.181mil,2922.236mil) on Bottom Layer
Net Antennae: Track (4440.945mil,877.953mil)(5244.095mil,877.953mil) on Bottom Layer
Net Antennae: Track (4440.945mil,877.953mil)(5244.095mil,877.953mil) on Bottom Layer
Net Antennae: Track (3336.614mil,1856.299mil)(4173.228mil,1856.299mil) on Bottom Layer
Net Antennae: Track (3449.858mil,1680.063mil)(4173.228mil,1680.063mil) on Bottom Layer
Net Antennae: Track (263.779mil,1228.347mil)(1272.158mil,219.969mil) on Bottom Layer
Net Antennae: Track (332.331mil,1206.045mil)(1286.407mil,251.969mil) on Bottom Layer
Net Antennae: Track (295.276mil,1220.472mil)(1279.78mil,235.969mil) on Bottom Layer
Net Antennae: Track (3435.386mil,1754.284mil)(4173.228mil,1754.284mil) on Bottom Layer
Net Antennae: Track (2427.165mil,-724.409mil)(2486.22mil,-665.354mil) on Bottom Layer
Net Antennae: Track (-702.372mil,1948.819mil)(-690.215mil,1936.661mil) on Bottom Layer
Net Antennae: Track (-758.472mil,1955.706mil)(-723.428mil,1920.661mil) on Bottom Layer
Net Antennae: Track (-750mil,1751.968mil)(-618.494mil,1751.968mil) on Bottom Layer
Net Antennae: Track (3384.853mil,2019.685mil)(3500mil,2134.832mil) on Bottom Layer

Net Antennae (Tolerance=0mil) (All)

Net Antennae: Track (3326.772mil,1938.976mil)(3446.85mil,2059.055mil) on Bottom Layer
Net Antennae: Track (4196.85mil,488.189mil)(4474.756mil,210.284mil) on Bottom Layer
Net Antennae: Track (4196.85mil,460.63mil)(4464.567mil,192.913mil) on Bottom Layer
Net Antennae: Track (4185.039mil,440.945mil)(4449.071mil,176.913mil) on Bottom Layer
Net Antennae: Track (3664.024mil,1047.58mil)(3664.024mil,1114.811mil) on Bottom Layer
Net Antennae: Track (4186.024mil,524.606mil)(4478.346mil,232.284mil) on Bottom Layer
Net Antennae: Track (-1454.349mil,3163.386mil)(-1453.998mil,3163.035mil) on Bottom Layer
Net Antennae: Track (-1454.349mil,3163.386mil)(-1453.998mil,3163.035mil) on Bottom Layer
Net Antennae: Track (-781.842mil,1779.528mil)(-755.905mil,1805.465mil) on Bottom Layer
Net Antennae: Track (-818.898mil,1899.606mil)(-759.842mil,1958.661mil) on Bottom Layer
Net Antennae: Track (4423.585mil,844.142mil)(5352.709mil,844.142mil) on Bottom Layer
Net Antennae: Track (4416.958mil,828.142mil)(5270.283mil,828.142mil) on Bottom Layer
Net Antennae: Track (4411.449mil,811.024mil)(5188.976mil,811.024mil) on Bottom Layer
Net Antennae: Track (3673.221mil,1515.74mil)(4153.543mil,1515.74mil) on Bottom Layer
Net Antennae: Track (3700.315mil,1472.441mil)(4153.543mil,1472.441mil) on Bottom Layer
Net Antennae: Track (3716.819mil,1424.913mil)(4153.543mil,1424.913mil) on Bottom Layer
Net Antennae: Track (2974.756mil,2108.614mil)(3338.929mil,2108.614mil) on Bottom Layer
Net Antennae: Track (5046.071mil,2496.858mil)(5190.01mil,2496.858mil) on Top Layer
Net Antennae: Track (-1026.549mil,3032.506mil)(-994.658mil,3064.397mil) on Top Layer
Net Antennae: Track (5651.575mil,925.197mil)(5816.929mil,759.843mil) on Top Layer
Net Antennae: Track (5659.449mil,952.756mil)(5844.011mil,768.194mil) on Top Layer
Net Antennae: Track (3578.924mil,996.252mil)(4078.929mil,996.252mil) on Top Layer
Net Antennae: Track (3562.902mil,1015.658mil)(4011.72mil,1015.658mil) on Top Layer
Net Antennae: Track (3430.749mil,2037.755mil)(3494.095mil,1974.409mil) on Top Layer
Net Antennae: Track (3478mil,2057.433mil)(3527.559mil,2007.874mil) on Top Layer
Net Antennae: Track (3452.749mil,2043.314mil)(3511.559mil,1984.504mil) on Top Layer
Net Antennae: Track (-1830.709mil,3188.976mil)(-1500mil,3188.976mil) on Top Layer
Net Antennae: Track (-1065.945mil,3058.097mil)(-1032.455mil,3058.097mil) on Top Layer
Net Antennae: Track (3575.787mil,1328.74mil)(3636.811mil,1328.74mil) on Top Layer
Net Antennae: Track (3230.661mil,1935.407mil)(3230.661mil,2123.669mil) on Top Layer
Net Antennae: Track (3413.386mil,2015.748mil)(3474.41mil,1954.724mil) on Top Layer
Net Antennae: Track (-1106.299mil,3007.874mil)(-1015.748mil,3007.874mil) on Top Layer
Net Antennae: Track (1639.764mil,2781.496mil)(1639.764mil,2997.047mil) on Top Layer
Net Antennae: Track (1834.646mil,2780.512mil)(1834.646mil,3051.181mil) on Top Layer
Net Antennae: Track (1868.11mil,2783.465mil)(1868.11mil,3057.47mil) on Top Layer
Net Antennae: Track (273.319mil,2774.713mil)(1599.303mil,2774.713mil) on Top Layer
Net Antennae: Track (3090.551mil,2057.325mil)(3110.236mil,2037.64mil) on Top Layer
Net Antennae: Track (3111.858mil,2058.645mil)(3128.551mil,2041.952mil) on Top Layer
Net Antennae: Track (4658.465mil,1568.504mil)(4675.196mil,1551.772mil) on Top Layer
Net Antennae: Track (4683.071mil,1581.299mil)(4709.646mil,1554.724mil) on Top Layer
Net Antennae: Track (2889.764mil,3169.291mil)(2889.764mil,3377.953mil) on Signal Layer 2

Silk to Silk (Clearance=5mil) (All),(All)

Silk To Silk Clearance Constraint: (0.499mil < 5mil) Between Text "SJ102" (2267.25mil,1076.202mil) on Top Overlay And Track
Silk To Silk Clearance Constraint: (Collision < 5mil) Between Text "SJ102" (2267.25mil,1076.202mil) on Top Overlay And Track
Silk To Silk Clearance Constraint: (4.896mil < 5mil) Between Text "U302" (6165.354mil,590.551mil) on Top Overlay And Track
Silk To Silk Clearance Constraint: (4.926mil < 5mil) Between Text "U302" (6165.354mil,590.551mil) on Top Overlay And Track
Silk To Silk Clearance Constraint: (4.896mil < 5mil) Between Text "U302" (6165.354mil,590.551mil) on Top Overlay And Track
Silk To Silk Clearance Constraint: (4.563mil < 5mil) Between Text "C407" (2295.276mil,3177.165mil) on Top Overlay And Track
Silk To Silk Clearance Constraint: (0.592mil < 5mil) Between Text "C402" (2791.339mil,3299.213mil) on Top Overlay And Track
Silk To Silk Clearance Constraint: (4.529mil < 5mil) Between Text "C401" (2795.276mil,3248.006mil) on Top Overlay And Track
Silk To Silk Clearance Constraint: (0.592mil < 5mil) Between Text "C402" (2791.339mil,3299.213mil) on Top Overlay And Track
Silk To Silk Clearance Constraint: (3.378mil < 5mil) Between Text "PWDN" (4959.646mil,2049.567mil) on Top Overlay And Track
Silk To Silk Clearance Constraint: (4.073mil < 5mil) Between Text "D3" (5029.646mil,1949.567mil) on Top Overlay And Track
Silk To Silk Clearance Constraint: (3.771mil < 5mil) Between Text "D5" (5029.646mil,1844.567mil) on Top Overlay And Track
Silk To Silk Clearance Constraint: (Collision < 5mil) Between Text "RR501" (2116.142mil,1338.583mil) on Top Overlay And Text "SJ102"
Silk To Silk Clearance Constraint: (2.561mil < 5mil) Between Text "C402" (2791.339mil,3299.213mil) on Top Overlay And Text "C401"

Silk To Solder Mask (Clearance=2mil) (IsPad),(All)

Silk To Solder Mask Clearance Constraint: (0.843mil < 2mil) Between Text "J701" (5222.441mil,3087.795mil) on Bottom Overlay And Pad

Component Clearance Constraint (Horizontal Gap = 1mil, Vertical Gap = 10mil) (All),(All)

Component Clearance Constraint: (Collision < 1mil) Between SMT Small Component R601-0805 (4675.197mil,1442.52mil) on Top Layer And Component
Component Clearance Constraint: (Collision < 1mil) Between SMT Small Component R600-0805 (4675.197mil,1517.323mil) on Top Layer And Component

Un-Routed Net Constraint ((All))

Un-Routed Net Constraint: Net 3V3_PG Between Track (2889.764mil,3169.291mil)(2889.764mil,3377.953mil) on Signal Layer 2 And Track

Un-Routed Net Constraint: Net 3V3_P Between Pad U301-1(-267.717mil,2569.882mil) on Top Layer And Pad C303-1(-230.315mil,2417.323mil) on Top

Un-Routed Net Constraint: Net 3V3_P Between Pad SJ300-2(-662.402mil,2342.52mil) on Top Layer And Pad C303-1(-230.315mil,2417.323mil) on Top

Un-Routed Net Constraint: Net 3V3_P Between Pad U300-8(-1065.945mil,3109.278mil) on Top Layer And Pad SJ300-2(-662.402mil,2342.52mil) on Top

Un-Routed Net Constraint: Net 3V3 Between Via (3082.677mil,3448.819mil) from Top Layer to Bottom Layer And Pad C406-2(3124.016mil,3448.819mil) on

Un-Routed Net Constraint: Net 3V3 Between Pad R400-1(3097.441mil,3362.205mil) on Top Layer And Via (3129.921mil,3307.087mil) from Top Layer to

Un-Routed Net Constraint: Net 3V3 Between Via (3196.85mil,3307.087mil) from Top Layer to Bottom Layer And Pad C405-1(3236.22mil,3362.205mil) on

Un-Routed Net Constraint: Net 3V3 Between Pad R302-1(-686.024mil,1692.913mil) on Top Layer And Track

Un-Routed Net Constraint: Net 3V3 Between Pad R301-1(-686.024mil,1850.394mil) on Top Layer And Track

Un-Routed Net Constraint: Net 3V3 Between Track (3631.886mil,1462.85mil)(3633.051mil,1461.686mil) on Top Layer And Pad

Un-Routed Net Constraint: Net 3V3 Between Pad J102-14(4086.22mil,-370.709mil) on Bottom Layer And Pad J102-10(4286.221mil,-370.709mil) on Bottom

Un-Routed Net Constraint: Pad R300-1(-686.024mil,2007.874mil) on Top Layer

Un-Routed Net Constraint: Net 3V3 Between Track (2701.772mil,-633.858mil)(2746.063mil,-633.858mil) on Top Layer And Via (2915.354mil,-476.378mil)

Un-Routed Net Constraint: Net 3V3 Between Pad C122-1(3848.425mil,-503.937mil) on Top Layer And Pad J102-14(4086.22mil,-370.709mil) on Bottom

Un-Routed Net Constraint: Net 3V3 Between Pad R703-1(4837.598mil,2913.386mil) on Top Layer And Pad C123-1(5793.307mil,2440.945mil) on Top

Un-Routed Net Constraint: Net 3V3 Between Pad J600-1(5334.646mil,1314.567mil) on Multi-Layer And Track

Un-Routed Net Constraint: Net 3V3 Between Pad R700-2(3815.945mil,3292.297mil) on Top Layer And Pad R106-1(4145.669mil,4541.339mil) on Top

Un-Routed Net Constraint: Net 3V3 Between Pad TP104-1(3001.968mil,-476.378mil) on Top Layer And Pad C122-1(3848.425mil,-503.937mil) on Top

Un-Routed Net Constraint: Net 3V3 Between Pad TP104-1(3001.968mil,-476.378mil) on Top Layer And Track

Un-Routed Net Constraint: Net 3V3 Between Via (-681.102mil,1643.701mil) from Top Layer to Bottom Layer And Track

Un-Routed Net Constraint: Net BTN0 Between Pad SW100-1(2110.24mil,-521.65mil) on Top Layer [Unplated] And Pad U100-7(2723.425mil,1604.331mil)

Un-Routed Net Constraint: Net CAM_D0 Between Track (3716.819mil,1424.913mil)(4153.543mil,1424.913mil) on Bottom Layer And Pad

Un-Routed Net Constraint: Net CAM_D1 Between Track (3700.315mil,1472.441mil)(4153.543mil,1472.441mil) on Bottom Layer And Pad

Un-Routed Net Constraint: Net CAM_D2 Between Track (3673.221mil,1515.74mil)(4153.543mil,1515.74mil) on Bottom Layer And Pad

Un-Routed Net Constraint: Net CAM_D3 Between Track (3444.63mil,1649.858mil)(4163.724mil,1649.858mil) on Bottom Layer And Pad

Un-Routed Net Constraint: Net CAM_D4 Between Track (3435.386mil,1754.284mil)(4173.228mil,1754.284mil) on Bottom Layer And Pad

Un-Routed Net Constraint: Net CAM_D5 Between Track (3336.614mil,1856.299mil)(4173.228mil,1856.299mil) on Bottom Layer And Pad

Un-Routed Net Constraint: Net CAM_D6 Between Track (2913.386mil,1633.858mil)(4157.097mil,1633.858mil) on Bottom Layer And Pad

Un-Routed Net Constraint: Net CAM_D7 Between Track (2915.701mil,1588.236mil)(4151.228mil,1588.236mil) on Bottom Layer And Pad

Un-Routed Net Constraint: Net CAM_HREF Between Track (3562.902mil,1015.658mil)(4011.72mil,1015.658mil) on Top Layer And Pad

Un-Routed Net Constraint: Net CAM_PCLK Between Track (3578.924mil,996.252mil)(4078.929mil,996.252mil) on Top Layer And Pad

Un-Routed Net Constraint: Net CAM_PWDN Between Pad U100-87(3575.787mil,1309.055mil) on Top Layer And Pad J600-17(5334.646mil,2114.567mil)

Un-Routed Net Constraint: Net CAM_SCL Between Track (3555.118mil,1381.89mil)(4078.74mil,1381.89mil) on Bottom Layer And Pad

Un-Routed Net Constraint: Net CAM_SCL Between Track (5284.646mil,1364.567mil)(5334.646mil,1414.567mil) on Top Layer And Pad

Un-Routed Net Constraint: Net CAM_SDA Between Track (3452.756mil,1350.394mil)(4066.929mil,1350.394mil) on Bottom Layer And Pad

Un-Routed Net Constraint: Net CAM_SDA Between Track (5004.331mil,1414.567mil)(5234.646mil,1414.567mil) on Top Layer And Pad

Un-Routed Net Constraint: Net CAM_VSYNC Between Track (3449.858mil,1680.063mil)(4173.228mil,1680.063mil) on Bottom Layer And Pad

Un-Routed Net Constraint: Net CAM_XCLK_T Between Pad R602-1(3798.228mil,1570.866mil) on Top Layer And Pad J600-8(5234.646mil,1614.567mil) on

Un-Routed Net Constraint: Net DN Between Pad Q300-1(-400.591mil,2332.677mil) on Bottom Layer And Pad U301-3(-267.717mil,2518.701mil) on Top

Un-Routed Net Constraint: Net DP Between Pad Q300-3(-308.071mil,2297.244mil) on Bottom Layer And Pad Q300-2(-308.071mil,2368.11mil) on Bottom

Un-Routed Net Constraint: Net DP Between Pad Q300-2(-308.071mil,2368.11mil) on Bottom Layer And Pad U301-2(-267.717mil,2544.291mil) on Top

Un-Routed Net Constraint: Net GND Between Via (-1444.885mil,3185.035mil) from Top Layer to Bottom Layer And Via (-1438.976mil,3134.868mil) from

Un-Routed Net Constraint: Net GND Between Pad C301-2(-1414.37mil,3031.522mil) on Top Layer And Pad C300-2(-1414.37mil,3110.262mil) on Top Layer

Un-Routed Net Constraint: Net GND Between Pad J102-8(4386.221mil,-370.709mil) on Bottom Layer And Pad J102-6(4486.221mil,-370.709mil) on Bottom

Un-Routed Net Constraint: Net GND Between Pad J102-4(4586.221mil,-370.709mil) on Bottom Layer And Pad J102-2(4686.221mil,-370.709mil) on Bottom

Un-Routed Net Constraint: Net GND Between Pad J103-4(3517.087mil,4427.559mil) on Top Layer And Pad J103-2(3517.087mil,4527.559mil) on Top

Un-Routed Net Constraint: Net GND Between Pad J103-8(3517.087mil,4227.559mil) on Top Layer And Pad J103-6(3517.087mil,4327.559mil) on Top

Un-Routed Net Constraint: Net GND Between Pad J103-12(3517.087mil,4027.559mil) on Top Layer And Pad J103-10(3517.087mil,4127.559mil) on Top

Un-Routed Net Constraint: Net GND Between Pad C301-2(-1414.37mil,3031.522mil) on Top Layer And Via (-1287.402mil,3031.496mil) from Top Layer to

Un-Routed Net Constraint: Net GND Between Track (6100.394mil,610.236mil)(6100.394mil,629.106mil) on Top Layer And Via (6190.945mil,543.307mil)

Un-Routed Net Constraint: Net GND Between Pad C124-2(2435.039mil,-633.858mil) on Top Layer And Pad SW101-2(2437.008mil,-476.378mil) on Top

Un-Routed Net Constraint: Net GND Between Pad C303-2(-179.134mil,2417.323mil) on Top Layer And Pad U301-5(-94.488mil,2493.11mil) on Top Layer

Un-Routed Net Constraint ((All))

Un-Routed Net Constraint: Net GND Between Track (3848.425mil,-452.756mil)(3848.425mil,-419.291mil) on Top Layer And Pad

Un-Routed Net Constraint: Net GND Between Pad J102-16(3986.22mil,-370.709mil) on Bottom Layer And Pad J102-12(4186.221mil,-370.709mil) on

Un-Routed Net Constraint: Net GND Between Pad J103-5(3307.087mil,4327.559mil) on Top Layer And Pad J103-6(3517.087mil,4327.559mil) on Top

Un-Routed Net Constraint: Net GND Between Pad TP401-1(3496.063mil,3562.992mil) on Top Layer And Pad J103-12(3517.087mil,4027.559mil) on Top

Un-Routed Net Constraint: Net GND Between Pad SW100-2(1846.46mil,-521.65mil) on Top Layer [Unplated] And Via (2372.047mil,-476.378mil) from Top

Un-Routed Net Constraint: Net GND Between Pad J700-6(5383.858mil,2748.032mil) on Multi-Layer And Pad C123-2(5742.126mil,2440.945mil) on Top

Un-Routed Net Constraint: Net GND Between Pad J103-10(3517.087mil,4127.559mil) on Top Layer And Pad J103-8(3517.087mil,4227.559mil) on Top

Un-Routed Net Constraint: Net GND Between Pad J102-6(4486.221mil,-370.709mil) on Bottom Layer And Pad J102-4(4586.221mil,-370.709mil) on Bottom

Un-Routed Net Constraint: Net GND Between Pad J103-6(3517.087mil,4327.559mil) on Top Layer And Pad J103-4(3517.087mil,4427.559mil) on Top

Un-Routed Net Constraint: Net GND Between Pad J102-12(4186.221mil,-370.709mil) on Bottom Layer And Pad J102-8(4386.221mil,-370.709mil) on

Un-Routed Net Constraint: Net GND Between Track (5393.701mil,275.591mil)(5452.756mil,334.646mil) on Top Layer And Pad

Un-Routed Net Constraint: Net GND Between Pad J101-6(2370.079mil,137.795mil) on Multi-Layer And Via (2372.047mil,-476.378mil) from Top Layer to

Un-Routed Net Constraint: Net GND Between Pad U301-5(-94.488mil,2493.11mil) on Top Layer And Pad TP200-1(196.85mil,3248.032mil) on Top Layer

Un-Routed Net Constraint: Net GND Between Pad U300-4(-1239.173mil,3032.506mil) on Top Layer And Pad TP200-1(196.85mil,3248.032mil) on Top

Un-Routed Net Constraint: Net GND Between Pad J102-16(3986.22mil,-370.709mil) on Bottom Layer And Via (3996.063mil,244.095mil) from Top Layer to

Un-Routed Net Constraint: Unplated Pad MTGH1-1(196.85mil,196.85mil) on Multi-Layer

Un-Routed Net Constraint: Unplated Pad MTGH2-1(196.85mil,3543.307mil) on Multi-Layer

Un-Routed Net Constraint: Unplated Pad MTGH3-1(5314.961mil,3543.307mil) on Multi-Layer

Un-Routed Net Constraint: Unplated Pad MTGH4-1(5314.961mil,196.85mil) on Multi-Layer

Un-Routed Net Constraint: Net I2C2_ALERT Between Track (-1454.349mil,3163.386mil)(-1453.998mil,3163.035mil) on Bottom Layer And Track

Un-Routed Net Constraint: Net I2C2_ALERT Between Track (-750mil,1751.968mil)(-618.494mil,1751.968mil) on Bottom Layer And Pad

Un-Routed Net Constraint: Net I2C2_ALERT Between Track (-750mil,1751.968mil)(-618.494mil,1751.968mil) on Bottom Layer And Track

Un-Routed Net Constraint: Net I2C2_ALERT Between Pad U301-6(-94.488mil,2518.701mil) on Top Layer And Track

Un-Routed Net Constraint: Net I2C2_ALERT Between Track (-1106.299mil,3007.874mil)(-1015.748mil,3007.874mil) on Top Layer And Pad

Un-Routed Net Constraint: Net I2C2_SCL Between Track (-702.372mil,1948.819mil)(-690.215mil,1936.661mil) on Bottom Layer And Pad

Un-Routed Net Constraint: Net I2C2_SCL Between Track (-1065.945mil,3058.097mil)(-1032.455mil,3058.097mil) on Top Layer And Pad

Un-Routed Net Constraint: Net I2C2_SCL Between Track (-781.842mil,1779.528mil)(-755.905mil,1805.465mil) on Bottom Layer And Track

Un-Routed Net Constraint: Net I2C2_SCL Between Pad U301-8(-94.488mil,2569.882mil) on Top Layer And Track

Un-Routed Net Constraint: Net I2C2_SDA Between Track (-1026.549mil,3032.506mil)(-994.658mil,3064.397mil) on Top Layer And Pad

Un-Routed Net Constraint: Net I2C2_SDA Between Pad R300-2(-754.921mil,2007.874mil) on Top Layer And Pad U301-7(-94.488mil,2544.291mil) on Top

Un-Routed Net Constraint: Net I2C2_SDA Between Pad U301-7(-94.488mil,2544.291mil) on Top Layer And Track

Un-Routed Net Constraint: Net I2C2_SDA Between Pad U301-7(-94.488mil,2544.291mil) on Top Layer And Track

Un-Routed Net Constraint: Net LED0 Between Track (3575.787mil,1328.74mil)(3636.811mil,1328.74mil) on Top Layer And Track

Un-Routed Net Constraint: Net LED0 Between Pad J102-9(4286.221mil,-580.709mil) on Bottom Layer And Track

Un-Routed Net Constraint: Net LED1 Between Pad J102-11(4186.221mil,-580.709mil) on Bottom Layer And Track

Un-Routed Net Constraint: Net LED2 Between Track (4015.748mil,460.63mil)(4196.85mil,460.63mil) on Bottom Layer And Pad

Un-Routed Net Constraint: Net LED3 Between Track (3916.338mil,440.945mil)(4185.039mil,440.945mil) on Bottom Layer And Pad

Un-Routed Net Constraint: Net MCO2_T Between Pad R110-2(3798.228mil,1488.189mil) on Top Layer And Track

Un-Routed Net Constraint: Net MCO2_T Between Track (4440.945mil,877.953mil)(5244.095mil,877.953mil) on Bottom Layer And Pad

Un-Routed Net Constraint: Net NetC403_2 Between Via (2940.945mil,3354.331mil) from Top Layer to Bottom Layer And Track

Un-Routed Net Constraint: Net NetU103_1 Between Pad J103-1(3307.087mil,4527.559mil) on Top Layer And Pad R106-2(4214.567mil,4541.339mil) on

Un-Routed Net Constraint: Net NetU103_3 Between Pad J103-3(3307.087mil,4427.559mil) on Top Layer And Pad SJ106-2(4204.724mil,4462.598mil) on

Un-Routed Net Constraint: Net NetU103_7 Between Pad J103-7(3307.087mil,4227.559mil) on Top Layer And Pad SJ107-2(4155.512mil,4374.016mil) on

Un-Routed Net Constraint: Net NetU103_9 Between Pad J103-9(3307.087mil,4127.559mil) on Top Layer And Pad SJ108-2(4185.039mil,4285.433mil) on

Un-Routed Net Constraint: Net NetU103_11 Between Pad J103-11(3307.087mil,4027.559mil) on Top Layer And Pad SJ109-2(4175.197mil,4187.008mil) on

Un-Routed Net Constraint: Net NRST Between Pad SW101-1(2700.788mil,-476.378mil) on Top Layer [Unplated] And Pad U100-25(2723.425mil,1250mil)

Un-Routed Net Constraint: Net NRST Between Track (3384.853mil,2019.685mil)(3500mil,2134.832mil) on Bottom Layer And Pad

Un-Routed Net Constraint: Net PB13_T Between Pad J102-3(4586.221mil,-580.709mil) on Bottom Layer And Pad SJ103-2(5068.898mil,-526.575mil) on

Un-Routed Net Constraint: Net PB13 Between Pad SJ103-1(5068.898mil,-457.677mil) on Bottom Layer And Track

Un-Routed Net Constraint: Net PB14_T Between Pad J102-5(4486.221mil,-580.709mil) on Bottom Layer And Pad SJ104-2(5196.85mil,-516.732mil) on

Un-Routed Net Constraint: Net PB14 Between Pad SJ104-1(5196.85mil,-447.835mil) on Bottom Layer And Track

Un-Routed Net Constraint: Net PB15_T Between Pad J102-7(4386.221mil,-580.709mil) on Bottom Layer And Pad SJ105-2(5324.803mil,-526.575mil) on

Un-Routed Net Constraint ((All))

Un-Routed Net Constraint: Net PB15 Between Pad SJ105-1(5324.803mil,-457.677mil) on Bottom Layer And Track
Un-Routed Net Constraint: Net PV_SHDN_L Between Track (1599.303mil,2774.713mil)(1600.394mil,2773.622mil) on Top Layer And Track
Un-Routed Net Constraint: Net PWR_CHRG_L Between Track (1098.423mil,2959.648mil)(1152.559mil,2905.512mil) on Bottom Layer And Pad
Un-Routed Net Constraint: Net PWR_CHRG_L Between Pad TP208-1(1960.63mil,2913.386mil) on Top Layer And Track
Un-Routed Net Constraint: Net PWR_FAULT_L Between Pad U200-5(1121.063mil,3030.512mil) on Top Layer And Pad TP209-1(1960.63mil,3137.795mil)
Un-Routed Net Constraint: Net PWR_FAULT_L Between Pad TP209-1(1960.63mil,3137.795mil) on Top Layer And Track
Un-Routed Net Constraint: Net SPECT0 Between Track (3779.528mil,972.441mil)(3779.528mil,972.441mil) on Top Layer And Track
Un-Routed Net Constraint: Net SPECT1 Between Track (3649.606mil,944.882mil)(3799.213mil,944.882mil) on Signal Layer 2 And Track
Un-Routed Net Constraint: Net SWCLK Between Track (3494.095mil,1804.134mil)(3494.095mil,1974.409mil) on Top Layer And Pad
Un-Routed Net Constraint: Net SWDIO Between Track (3527.559mil,1845.153mil)(3527.559mil,2007.874mil) on Top Layer And Pad
Un-Routed Net Constraint: Net SWO Between Track (3326.772mil,1938.976mil)(3446.85mil,2059.055mil) on Bottom Layer And Pad
Un-Routed Net Constraint: Net VBAT_INT Between Track (1093.504mil,3217.52mil)(1093.504mil,3250mil) on Signal Layer 2 And Pad
Un-Routed Net Constraint: Net WIFI_RX Between Track (2974.756mil,2108.614mil)(3338.929mil,2108.614mil) on Bottom Layer And Pad
Un-Routed Net Constraint: Net WIFI_TX Between Track (3452.749mil,2043.314mil)(3511.559mil,1984.504mil) on Top Layer And Pad