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))

Design Rules Verification Report

Filename : C:\Users\qux\projects\solenshardware\Altium\Solens\Solens.PcbDoc

Warnings 22
Rule Violations 195

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	
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)	125
Silk to Silk (Clearance=5mil) (All),(All)	24
Silk To Solder Mask (Clearance=2mil) (IsPad),(All)	4
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)	0
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))	24
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 Z6 (Bounding Region = (6533.072mil, 6026.772mil, 7911.024mil, 7306.299mil)	0
Room Z2 (Bounding Region = (4416.929mil, 8058.661mil, 5755.512mil, 8688.583mil)	0
Room Z7 (Bounding Region = (5794.882mil, 7369.685mil, 7911.024mil, 8698.424mil)	0
Room Z1 (Bounding Region = (2350mil, 7664.961mil, 4416.929mil, 8688.583mil) (Disabled)(InComponentClass('Z1'))	0
Total	195

Your board contains 18 shelved polygons - copper connectivity will not be reported correctly. Unshelve polygons and r
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(3937.008mil,196.85mil) on Multi-Layer on Net GND
Pad MTGH3-1(5314.961mil,2559.055mil) on Multi-Layer on Net GND
Pad MTGH2-1(196.85mil,2559.055mil) 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 (1358.268mil,1814.961mil) from Top Layer to Bottom Layer
Net Antennae: Via (2238.189mil,1556.102mil) from Top Layer to Bottom Layer
Net Antennae: Via (420.276mil,1255.906mil) from Top Layer to Bottom Layer
Net Antennae: Via (698.819mil,1546.26mil) from Top Layer to Bottom Layer
Net Antennae: Via (980.315mil,1527.559mil) from Top Layer to Bottom Layer
Net Antennae: Via (3185.039mil,1723.425mil) from Top Layer to Bottom Layer
Net Antennae: Via (2788.386mil,2370.079mil) from Top Layer to Bottom Layer
Net Antennae: Via (2804.134mil,2334.646mil) from Top Layer to Bottom Layer
Net Antennae: Via (3538.386mil,1860.236mil) from Top Layer to Bottom Layer
Net Antennae: Via (4748.425mil,716.535mil) from Top Layer to Bottom Layer
Net Antennae: Via (3614.173mil,1421.26mil) from Top Layer to Bottom Layer
Net Antennae: Via (3496.063mil,1421.26mil) from Top Layer to Bottom Layer
Net Antennae: Via (3770.669mil,2377.953mil) from Top Layer to Bottom Layer
Net Antennae: Via (1775.591mil,2155.512mil) from Top Layer to Bottom Layer
Net Antennae: Via (1062.992mil,1838.583mil) from Top Layer to Bottom Layer
Net Antennae: Via (1204.724mil,1814.961mil) from Top Layer to Bottom Layer
Net Antennae: Via (1342.52mil,2055.118mil) from Top Layer to Bottom Layer
Net Antennae: Via (728.346mil,1889.764mil) from Top Layer to Bottom Layer
Net Antennae: Via (446.902mil,2222.39mil) from Top Layer to Bottom Layer
Net Antennae: Via (445.892mil,2341.51mil) from Top Layer to Bottom Layer
Net Antennae: Via (444.882mil,2460.63mil) from Top Layer to Bottom Layer
Net Antennae: Via (1230.315mil,732.284mil) from Top Layer to Bottom Layer
Net Antennae: Via (306.102mil,2263.78mil) from Top Layer to Bottom Layer
Net Antennae: Via (1639.764mil,1256.89mil) from Top Layer to Bottom Layer
Net Antennae: Via (1294.291mil,1259.843mil) from Top Layer to Bottom Layer
Net Antennae: Via (1481.299mil,1258.858mil) from Top Layer to Bottom Layer
Net Antennae: Via (1387.795mil,732.284mil) from Top Layer to Bottom Layer
Net Antennae: Via (1576.772mil,730.315mil) from Top Layer to Bottom Layer
Net Antennae: Via (6263.779mil,-259.842mil) from Top Layer to Bottom Layer
Net Antennae: Via (6100.394mil,-374.016mil) from Top Layer to Bottom Layer
Net Antennae: Via (3109.413mil,592.688mil) from Top Layer to Bottom Layer
Net Antennae: Via (3080.709mil,593.504mil) from Top Layer to Bottom Layer
Net Antennae: Via (3089.727mil,1573.051mil) from Top Layer to Bottom Layer
Net Antennae: Via (3061.024mil,1572.835mil) from Top Layer to Bottom Layer
Net Antennae: Via (2464.562mil,834.638mil) from Top Layer to Bottom Layer
Net Antennae: Via (2901.82mil,604.576mil) from Top Layer to Bottom Layer
Net Antennae: Via (2440.945mil,1555.118mil) from Top Layer to Bottom Layer
Net Antennae: Via (2324.803mil,1555.118mil) from Top Layer to Bottom Layer
Net Antennae: Via (4696.85mil,1799.213mil) from Top Layer to Bottom Layer
Net Antennae: Via (4574.803mil,1870.079mil) from Top Layer to Bottom Layer
Net Antennae: Via (2303.15mil,1397.638mil) from Top Layer to Bottom Layer
Net Antennae: Via (6190.945mil,-440.945mil) from Top Layer to Bottom Layer
Net Antennae: Via (6190.945mil,-185.039mil) from Top Layer to Bottom Layer
Net Antennae: Via (5954.724mil,-539.37mil) from Top Layer to Bottom Layer
Net Antennae: Via (5954.725mil,-86.614mil) from Top Layer to Bottom Layer
Net Antennae: Via (2539.37mil,2417.323mil) from Top Layer to Bottom Layer
Net Antennae: Via (2500mil,2417.323mil) from Top Layer to Bottom Layer
Net Antennae: Via (2539.37mil,2377.953mil) from Top Layer to Bottom Layer
Net Antennae: Via (2500mil,2377.953mil) from Top Layer to Bottom Layer
Net Antennae: Via (1125.984mil,2155.512mil) from Top Layer to Bottom Layer
Net Antennae: Via (1125.984mil,2112.205mil) from Top Layer to Bottom Layer
Net Antennae: Via (1082.677mil,2155.512mil) from Top Layer to Bottom Layer

Net Antennae (Tolerance=0mil) (All)
Net Antennae: Via (1082.677mil,2112.205mil) from Top Layer to Bottom Layer
Net Antennae: Via (1039.37mil,2155.512mil) from Top Layer to Bottom Layer
Net Antennae: Via (1039.37mil,2112.205mil) from Top Layer to Bottom Layer
Net Antennae: Via (1668.307mil,2304.77mil) from Top Layer to Bottom Layer
Net Antennae: Via (1668.307mil,2268.065mil) from Top Layer to Bottom Layer
Net Antennae: Via (1668.307mil,2230.315mil) from Top Layer to Bottom Layer
Net Antennae: Via (1668.307mil,2190.945mil) from Top Layer to Bottom Layer
Net Antennae: Via (2458.662mil,2523.622mil) from Top Layer to Bottom Layer
Net Antennae: Via (2444.882mil,2496.063mil) from Top Layer to Bottom Layer
Net Antennae: Via (2457.677mil,2468.504mil) from Top Layer to Bottom Layer
Net Antennae: Via (2445.866mil,2213.583mil) from Top Layer to Bottom Layer
Net Antennae: Via (2732.284mil,2216.535mil) from Top Layer to Bottom Layer
Net Antennae: Via (2450.787mil,2568.898mil) from Top Layer to Bottom Layer
Net Antennae: Via (2804.134mil,2279.528mil) from Top Layer to Bottom Layer
Net Antennae: Via (2440.945mil,2669.291mil) from Top Layer to Bottom Layer
Net Antennae: Via (2393.701mil,2669.291mil) from Top Layer to Bottom Layer
Net Antennae: Via (2417.323mil,2637.795mil) from Top Layer to Bottom Layer
Net Antennae: Via (2940.945mil,2370.079mil) from Top Layer to Bottom Layer
Net Antennae: Via (2964.567mil,2444.882mil) from Top Layer to Bottom Layer
Net Antennae: Via (4783.465mil,222.047mil) from Top Layer to Bottom Layer
Net Antennae: Via (4862.205mil,222.047mil) from Top Layer to Bottom Layer
Net Antennae: Via (4783.465mil,418.897mil) from Top Layer to Bottom Layer
Net Antennae: Via (4862.205mil,418.897mil) from Top Layer to Bottom Layer
Net Antennae: Via (4605.315mil,458.268mil) from Top Layer to Bottom Layer
Net Antennae: Via (4604.331mil,533.071mil) from Top Layer to Bottom Layer
Net Antennae: Via (3431.102mil,1407.48mil) from Top Layer to Bottom Layer
Net Antennae: Via (2885.827mil,1734.252mil) from Top Layer to Bottom Layer
Net Antennae: Via (3070.866mil,1618.11mil) from Top Layer to Bottom Layer
Net Antennae: Via (2416.339mil,845.472mil) from Top Layer to Bottom Layer
Net Antennae: Via (2268.701mil,658.465mil) from Top Layer to Bottom Layer
Net Antennae: Via (2619.095mil,516.732mil) from Top Layer to Bottom Layer
Net Antennae: Via (2619.095mil,465.551mil) from Top Layer to Bottom Layer
Net Antennae: Via (2880.905mil,465.551mil) from Top Layer to Bottom Layer
Net Antennae: Via (3097.441mil,549.213mil) from Top Layer to Bottom Layer
Net Antennae: Via (3328.74mil,549.213mil) from Top Layer to Bottom Layer
Net Antennae: Via (3328.74mil,433.071mil) from Top Layer to Bottom Layer
Net Antennae: Via (3084.646mil,2468.504mil) from Top Layer to Bottom Layer
Net Antennae: Via (3195.866mil,2345.472mil) from Top Layer to Bottom Layer
Net Antennae: Via (3198.819mil,2423.228mil) from Top Layer to Bottom Layer
Net Antennae: Via (3389.764mil,2427.165mil) from Top Layer to Bottom Layer
Net Antennae: Via (3386.811mil,2347.441mil) from Top Layer to Bottom Layer
Net Antennae: Via (2981.654mil,2089.921mil) from Top Layer to Bottom Layer
Net Antennae: Via (3082.047mil,2089.921mil) from Top Layer to Bottom Layer
Net Antennae: Via (3181.732mil,2089.921mil) from Top Layer to Bottom Layer
Net Antennae: Via (3281.142mil,2089.921mil) from Top Layer to Bottom Layer
Net Antennae: Via (3381.535mil,2089.921mil) from Top Layer to Bottom Layer
Net Antennae: Via (3481.929mil,2089.921mil) from Top Layer to Bottom Layer
Net Antennae: Via (1970.472mil,1977.362mil) from Top Layer to Bottom Layer
Net Antennae: Via (984.252mil,1338.583mil) from Top Layer to Bottom Layer
Net Antennae: Via (1338.583mil,1338.583mil) from Top Layer to Bottom Layer
Net Antennae: Via (1649.606mil,1314.961mil) from Top Layer to Bottom Layer
Net Antennae: Via (1381.89mil,649.606mil) from Top Layer to Bottom Layer

Net Antennae (Tolerance=0mil) (All)
Net Antennae: Via (1535.433mil,649.606mil) from Top Layer to Bottom Layer
Net Antennae: Via (3317.913mil,656.496mil) from Top Layer to Bottom Layer
Net Antennae: Via (3630.709mil,880.709mil) from Top Layer to Bottom Layer
Net Antennae: Via (3930.709mil,880.315mil) from Top Layer to Bottom Layer
Net Antennae: Via (4030.709mil,880.709mil) from Top Layer to Bottom Layer
Net Antennae: Via (4130.709mil,880.709mil) from Top Layer to Bottom Layer
Net Antennae: Via (4230.709mil,881.496mil) from Top Layer to Bottom Layer
Net Antennae: Via (3436.024mil,974.409mil) from Top Layer to Bottom Layer
Net Antennae: Via (3440.128mil,945.912mil) from Top Layer to Bottom Layer
Net Antennae: Via (3990.157mil,596.457mil) from Top Layer to Bottom Layer
Net Antennae: Via (4092.52mil,596.457mil) from Top Layer to Bottom Layer
Net Antennae: Via (4191.929mil,596.457mil) from Top Layer to Bottom Layer
Net Antennae: Via (4291.339mil,596.457mil) from Top Layer to Bottom Layer
Net Antennae: Via (3528.543mil,927.165mil) from Top Layer to Bottom Layer
Net Antennae: Via (3579.724mil,927.165mil) from Top Layer to Bottom Layer
Net Antennae: Track (1235.236mil,1125.984mil)(1373.032mil,988.189mil) on Bottom Layer
Net Antennae: Track (5046.071mil,1512.606mil)(5190.01mil,1512.606mil) on Top Layer
Net Antennae: Track (5651.575mil,-59.055mil)(5816.929mil,-224.409mil) on Top Layer
Net Antennae: Track (5659.449mil,-31.496mil)(5844.011mil,-216.058mil) on Top Layer
Net Antennae: Track (3382.622mil,767.968mil)(3460.625mil,689.966mil) on Signal Layer 2
Net Antennae: Track (3375.984mil,751.968mil)(3465.551mil,662.402mil) on Signal Layer 2

Silk to Silk (Clearance=5mil) (All),(All)
Silk To Silk Clearance Constraint: (4.896mil < 5mil) Between Text "U302" (6165.354mil,-393.701mil) on Top Overlay And Track
Silk To Silk Clearance Constraint: (4.926mil < 5mil) Between Text "U302" (6165.354mil,-393.701mil) on Top Overlay And Track
Silk To Silk Clearance Constraint: (4.896mil < 5mil) Between Text "U302" (6165.354mil,-393.701mil) on Top Overlay And Track
Silk To Silk Clearance Constraint: (4.896mil < 5mil) Between Text "C121" (2956.693mil,1614.173mil) on Top Overlay And Track
Silk To Silk Clearance Constraint: (4.896mil < 5mil) Between Text "C121" (2956.693mil,1614.173mil) on Top Overlay And Track
Silk To Silk Clearance Constraint: (4.529mil < 5mil) Between Text "C116" (3298.228mil,431.102mil) on Top Overlay And Track
Silk To Silk Clearance Constraint: (4.529mil < 5mil) Between Text "C116" (3298.228mil,431.102mil) on Top Overlay And Track
Silk To Silk Clearance Constraint: (4.563mil < 5mil) Between Text "C407" (2295.276mil,2192.913mil) on Top Overlay And Track
Silk To Silk Clearance Constraint: (0.592mil < 5mil) Between Text "C402" (2791.339mil,2314.961mil) on Top Overlay And Track
Silk To Silk Clearance Constraint: (4.529mil < 5mil) Between Text "C401" (2795.276mil,2263.754mil) on Top Overlay And Track
Silk To Silk Clearance Constraint: (0.592mil < 5mil) Between Text "C402" (2791.339mil,2314.961mil) on Top Overlay And Track
Silk To Silk Clearance Constraint: (4.832mil < 5mil) Between Text "ALERT" (88.583mil,1082.677mil) on Top Overlay And Track
Silk To Silk Clearance Constraint: (Collision < 5mil) Between Text "C116" (3298.228mil,431.102mil) on Top Overlay And Track
Silk To Silk Clearance Constraint: (3.998mil < 5mil) Between Text "C112" (3169.29mil,425.198mil) on Top Overlay And Track
Silk To Silk Clearance Constraint: (3.378mil < 5mil) Between Text "PWDN" (4959.646mil,1065.315mil) on Top Overlay And Track
Silk To Silk Clearance Constraint: (4.073mil < 5mil) Between Text "D3" (5029.646mil,965.315mil) on Top Overlay And Track
Silk To Silk Clearance Constraint: (3.771mil < 5mil) Between Text "D5" (5029.646mil,860.315mil) on Top Overlay And Track
Silk To Silk Clearance Constraint: (Collision < 5mil) Between Text "SJ107" (3172.244mil,1725.394mil) on Bottom Overlay And Track
Silk To Silk Clearance Constraint: (Collision < 5mil) Between Text "SJ107" (3172.244mil,1725.394mil) on Bottom Overlay And Track
Silk To Silk Clearance Constraint: (2.561mil < 5mil) Between Text "C402" (2791.339mil,2314.961mil) on Top Overlay And Text "C401"
Silk To Silk Clearance Constraint: (Collision < 5mil) Between Text "RX" (797.244mil,408.465mil) on Bottom Overlay And Text "J101"
Silk To Silk Clearance Constraint: (2.458mil < 5mil) Between Text "TX" (789.37mil,185.039mil) on Bottom Overlay And Text "R104" (868.11mil,211.023mil)
Silk To Silk Clearance Constraint: (Collision < 5mil) Between Text "RX" (797.244mil,408.465mil) on Bottom Overlay And Text "R105"
Silk To Silk Clearance Constraint: (Collision < 5mil) Between Text "SJ107" (3172.244mil,1725.394mil) on Bottom Overlay And Text "R108"

Silk To Solder Mask (Clearance=2mil) (IsPad),(All)
Silk To Solder Mask Clearance Constraint: (Collision < 2mil) Between Text "SJ100" (1934.055mil,1345.472mil) on Top Overlay And Pad
Silk To Solder Mask Clearance Constraint: (0.843mil < 2mil) Between Text "J701" (5222.441mil,2103.543mil) on Bottom Overlay And Pad
Silk To Solder Mask Clearance Constraint: (Collision < 2mil) Between Text "R104" (868.11mil,211.023mil) on Bottom Overlay And Pad
Silk To Solder Mask Clearance Constraint: (1.715mil < 2mil) Between Text "R104" (868.11mil,211.023mil) on Bottom Overlay And Pad

Un-Routed Net Constraint ((All))
Un-Routed Net Constraint: Net 3V3 Between Pad C122-1(3578.74mil,698.819mil) on Top Layer And Via (3579.724mil,927.165mil) from Top Layer to
Un-Routed Net Constraint: Net 3V3 Between Pad J600-1(5334.646mil,330.315mil) on Multi-Layer And Track
Un-Routed Net Constraint: Net CAM_PCLK Between Track (3590.934mil,716.535mil)(4748.425mil,716.535mil) on Bottom Layer And Pad
Un-Routed Net Constraint: Net CAM_SCL Between Pad TP601-1(4074.803mil,506.89mil) on Top Layer And Track
Un-Routed Net Constraint: Net CAM_SDA Between Pad TP600-1(3937.008mil,506.89mil) on Top Layer And Pad R600-2(4709.646mil,533.071mil) on Top
Un-Routed Net Constraint: Net GND Between Via (6100.394mil,-374.016mil) from Top Layer to Bottom Layer And Via (6190.945mil,-440.945mil) from Top
Un-Routed Net Constraint: Net GND Between Pad C122-2(3527.559mil,698.819mil) on Top Layer And Pad J102-16(3630.709mil,806.457mil) on Bottom
Un-Routed Net Constraint: Net GND Between Pad C115-2(3393.701mil,471.457mil) on Top Layer And Pad D301-2(3600.394mil,477.362mil) on Top Layer
Un-Routed Net Constraint: Net GND Between Pad J600-2(5234.646mil,330.315mil) on Multi-Layer And Pad D305-1(5765.748mil,-269.685mil) on Top Layer
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,2559.055mil) on Multi-Layer
Un-Routed Net Constraint: Unplated Pad MTGH3-1(5314.961mil,2559.055mil) on Multi-Layer
Un-Routed Net Constraint: Unplated Pad MTGH4-1(3937.008mil,196.85mil) on Multi-Layer
Un-Routed Net Constraint: Net LED0 Between Pad R304-1(3523.622mil,542.323mil) on Top Layer And Pad TP306-1(3695.866mil,506.89mil) on Top Layer
Un-Routed Net Constraint: Net LED0 Between Pad TP306-1(3695.866mil,506.89mil) on Top Layer And Track
Un-Routed Net Constraint: Net MCO2_T Between Pad R110-2(3601.378mil,1192.913mil) on Top Layer And Via (4291.339mil,596.457mil) from Top Layer
Un-Routed Net Constraint: Net NetD301_1 Between Pad R304-2(3523.622mil,473.425mil) on Top Layer And Pad D301-1(3600.394mil,536.417mil) on Top
Un-Routed Net Constraint: Net PB13 Between Pad U100-74(3378.937mil,757.874mil) on Top Layer And Via (4191.929mil,596.457mil) from Top Layer to
Un-Routed Net Constraint: Net PB14 Between Pad U100-75(3378.937mil,777.559mil) on Top Layer And Via (4092.52mil,596.457mil) from Top Layer to
Un-Routed Net Constraint: Net PB15 Between Pad U100-76(3378.937mil,797.244mil) on Top Layer And Via (3990.157mil,596.457mil) from Top Layer to
Un-Routed Net Constraint: Net SD_NWE_T Between Track (1235.236mil,1125.984mil)(1373.032mil,988.189mil) on Bottom Layer And Via
Un-Routed Net Constraint: Net SPECT0 Between Track (3382.622mil,767.968mil)(3460.625mil,689.966mil) on Signal Layer 2 And Track
Un-Routed Net Constraint: Net SPECT1 Between Track (3375.984mil,751.968mil)(3465.551mil,662.402mil) on Signal Layer 2 And Track
Un-Routed Net Constraint: Net VBAT_INT Between Track (1093.504mil,2233.268mil)(1093.504mil,2265.748mil) on Signal Layer 2 And Pad