

Design Rules Verification Report

Filename : \\dfwdata\public\IDP\IDP_Engr\DesignEng\CAD_SUPPORT\HPA_CAD_LAYOUT

Warnings 0
Rule Violations 0

Warnings	
Total	0

Rule Violations	
Clearance Constraint (Gap=10mil) (All),(All)	0
Clearance Constraint (Gap=5mil) (WithinRoom('RoomDefinition_1') or WithinRoom('RoomDefinition_2') or	0
Short-Circuit Constraint (Allowed=No) (All),(All)	0
Un-Routed Net Constraint ((All))	0
Modified Polygon (Allow modified: No), (Allow shelved: No)	0
Width Constraint (Min=5mil) (Max=150mil) (Preferred=10mil) (All)	0
Width Constraint (Min=5mil) (Max=150mil) (Preferred=10mil) (WithinRoom('RoomDefinition_1') or	0
Routing Topology Rule(Topology=Shortest) (All)	0
SMD To Corner (Distance=6mil) (All)	0
SMD Neck-Down Constraint (Percent=30%) ((ObjectKind = 'Pad') And (AsMils(PadXSize_AllLayers) = 22.835) And	0
SMD Entry (Side = Allowed) (Corner = Allowed) (Any Angle = Allowed) (Ignore First Corner = Allowed)	0
Power Plane Connect Rule(Relief Connect)(Expansion=20mil) (Conductor Width=10mil) (Air Gap=10mil) (Entries=4)	0
Minimum Annular Ring (Minimum=5mil) ((ObjectKind = 'Via') And (AsMils(HoleDiameter) = 7.9) or (ObjectKind = 'Via')	0
Minimum Annular Ring (Minimum=7mil) (All)	0
Acute Angle Constraint [Tracks Only] (Minimum=85.000) (All)	0
Hole Size Constraint (Min=7.9mil) (Max=250mil) (All)	0
Hole To Hole Clearance (Gap=10mil) ((ObjectKind = 'Via') And (AsMils(HoleDiameter) = 7.9) or (ObjectKind = 'Via') And	0
Hole To Hole Clearance (Gap=20mil) (All),(All)	0
Hole To Hole Clearance (Gap=10mil) (WithinRoom('RoomDefinition_1') or WithinRoom('RoomDefinition_2') or	0
Minimum Solder Mask Sliver (Gap=2mil) (InComponent('U1')),(InComponent('U1'))	0
Minimum Solder Mask Sliver (Gap=5mil) (All),(All)	0
Silk To Solder Mask (Clearance=2.5mil) (IsPad),(All)	0
Silk to Silk (Clearance=5mil) (All),(All)	0
Net Antennae (Tolerance=0mil) (All)	0
Board Clearance Constraint (Gap=0mil) (All)	0
Board Clearance Constraint (Gap=0mil) (WithinRoom('RoomDefinition_1') or WithinRoom('RoomDefinition_2') or	0
Max Via Stub Length (Back Drilling rule) (Max Stub Length = 5mil) ((ObjectKind = 'Via') And (Net = 'GND') And	0
RoomDefinition_2 (Bounding Region = (1835mil, 1622mil, 1928mil, 1722mil) (False)	0
RoomDefinition_3 (Bounding Region = (1835.177mil, 1178.066mil, 1928.177mil, 1278.066mil) (False)	0
RoomDefinition_1 (Bounding Region = (2224mil, 1181mil, 2799mil, 1739mil) (False)	0
Permitted Layers - (Top Layer, Bottom Layer) (All)	0
Height Constraint (Min=0mil) (Max=1000mil) (Preferred=500mil) (All)	0
Total	0