

# Report Generated From Altium Designer

Name	Priority	Enabled	Type	Category	Scope	Attributes
AcuteAngle	1	True	Acute Angle	Manufacturing	(All)	Min = 45.000
AssemblyTestpoint	1	True	Assembly Testpoint Style	Testpoint	(All)	Under Comp - Allow Sides - Top, Bottom Pref Size = 60mil Pref Hole Size = 32mil Using Grid = Yes Grid = 1mil Grid Tolerance = 0.01mil
AssemblyTestPointUsage	1	True	Assembly Testpoint Usage	Testpoint	(All)	Testpoint - Allowed Multiple - Not Allowed
Clearance	4	True	Clearance	Electrical	All - All	Clearance = 8mil
Clearance_BoardEdge	3	True	Clearance	Electrical	(OnCopper and Not InComponentClass('Logo') and notInComponentClass('FiducialMark') and not InRegion(1000,500,4000,800) and Not IsKeepout),(IsKeepOut)	Clearance = 75mil
Clearance_BoardEdge_MountingHoles	1	True	Clearance	Electrical	OnCopper and InComponentClass('MountingHoles') - IsKeepOut	Clearance = 40mil
Clearance_BoardEdge_Poly	2	True	Clearance	Electrical	OnCopper and InPoly - IsKeepOut	Clearance = 25mil
ComponentClearance	7	True	Component Clearance	Placement	All - All	Horizontal Clearance = 10mil Vertical Clearance = 10mil
ComponentClearance_Logo	1	True	Component Clearance	Placement	InComponentClass(Logo) - All	Horizontal Clearance = 10mil Vertical Clearance = 10mil
ComponentClearance_MountingHoles	3	True	Component Clearance	Placement	InComponentClass('MountingHoles') - All	Horizontal Clearance = 250mil Vertical Clearance = Infinite
ComponentClearance_ScrewToNut	2	True	Component Clearance	Placement	(HasFootprint('NY PMS 440 0025 PH')) - (HasFootprint('K eystone 1902C'))	Horizontal Clearance = 5mil Vertical Clearance = 10mil
ComponentClearance_SmallPassives	4	True	Component Clearance	Placement	HasFootprint('0201*') or HasFootprint('0402*') or HasFootprint('0508') or HasFootprint('0603*') or HasFootprint('0612') or HasFootprint('0805*') or HasFootprint('0815*') or HasFootprint('0830*') or HasFootprint('1206*') or HasFootprint('1210*') or HasFootprint('1808*') or HasFootprint('1812*') or HasFootprint('1825*') or HasFootprint('2010*') or HasFootprint('2220*') or HasFootprint('2225*') or HasFootprint('2512*') or HasFootprint('2728*') or HasFootprint('3518*') - HasFootprint('0201*') or HasFootprint('0402*') or HasFootprint('0508') or HasFootprint('0603*') or HasFootprint('0612') or HasFootprint('0805*') or HasFootprint('0815*') or	Horizontal Clearance = 10mil Vertical Clearance = 10mil

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ComponentClearance_THtoS MT	5	True	Component Clearance	Placement	HasFootprint('0830*') or HasFootprint('1206*') or HasFootprint('1210*') or HasFootprint('1808*') or HasFootprint('1812*') or HasFootprint('1825*') or HasFootprint('2010*') or HasFootprint('2220*') or HasFootprint('2225*') or HasFootprint('2512*') or HasFootprint('2728*') or HasFootprint('3518*')	IsThruComponent - IsSMTComponent Horizontal Clearance = 10mil Vertical Clearance = Infinite
ComponentClearance_THtoT H	6	True	Component Clearance	Placement	IsThruComponent - IsThruComponent	Horizontal Clearance = 10mil Vertical Clearance = Infinite
DiffPairsRouting	1	True	Differential Pairs Routing	Routing	All	Pref Gap = 10mil Min Gap = 10mil Max Gap = 100mil Pref Width = 15mil Min Width = 15mil Max Width = 15mil
Fanout_BGA	2	True	Fanout Control	Routing	IsBGA	Style - Auto Direction - Alternating In and Out Via Grid = 1mil
Fanout_Default	4	True	Fanout Control	Routing	All	Style - Auto Direction - Alternating In and Out Via Grid = 1mil
Fanout_LCC	1	True	Fanout Control	Routing	IsLCC	Style - Auto Direction - Alternating In and Out Via Grid = 1mil
Fanout_Small	5	True	Fanout Control	Routing	(CompPinCount < 5)	Style - Auto Direction - Out Then In Via Grid = 1mil
Fanout_SOIC	3	True	Fanout Control	Routing	IsSOIC	Style - Auto Direction - Alternating In and Out Via Grid = 1mil
Height	1	True	Height	Placement	All	Pref Height = 500mil Min Height = 0mil Max Height = 1000mil
HoleSize	1	True	Hole Size	Manufacturing	All	Min = 8mil Max = 251mil
HoleToHoleClearance	1	True	Hole To Hole Clearance	Manufacturing	All - All	Hole To Hole Clearance = 10mil
LayerPairs	1	True	Layer Pairs	Manufacturing	All	Layer Pairs - Enforce
MinimumAnnularRing	1	True	Minimum Annular Ring	Manufacturing	All	Min = 6mil
MinimumSolderMaskSliver	2	True	Minimum Solder Mask Sliver	Manufacturing	All - All	Minimum Solder Mask Sliver = 5mil
MinimumSolderMaskSliver_L ogo	1	True	Minimum Solder Mask Sliver	Manufacturing	InComponentClass('Logo') - InComponentClass('Logo')	Minimum Solder Mask Sliver = 0.7mil
NetAntennae	1	True	Net Antennae	Manufacturing	All	Net Antennae Tolerance = 0mil
PasteMaskExpansion	1	True	Paste Mask Expansion	Mask	All	Expansion = 0mil
PlaneClearance	1	True	Power Plane Clearance	Plane	All	Clearance = 8mil
PlaneConnect	1	True	Power Plane Connect Style	Plane	All	Style - Direct Connect
PolygonConnect	1	True	Polygon Connect Style	Plane	All - All	Style - Direct Connect
RoutingCorners	1	True	Routing Corners	Routing	All	Style - 45 Degree Min Setback = 100mil Max Setback = 100mil
RoutingLayers	1	True	Routing Layers	Routing	All	TopLayer - Enabled BottomLayer - Enabled
RoutingPriority	1	True	Routing Priority	Routing	All	Priority = 0

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RoutingTopology	1	True	Routing Topology	Routing	All	Topology - Shortest
RoutingVias	1	True	Routing Via Style	Routing	All	Pref Size = 34mil Pref Hole Size = 16mil
ShortCircuit	1	True	Short-Circuit	Electrical	All - All	Short Circuit - Not Allowed
SilkscreenOverComponentPads	1	True	Silk To Solder Mask Clearance	Manufacturing	IsPad - All	Silk To Solder Mask Clearance = 2mil
SilkToBoardRegionClearance	1	True	Silk To BoardRegion Clearance	Manufacturing	All	Silk to Board Region Clearance
SilkToSilkClearance	1	True	Silk To Silk Clearance	Manufacturing	All - All	Silk to Silk Clearance = 5mil
SMDToCorner	1	True	SMD To Corner	SMT	All	Distance = 3mil
SolderMaskExpansion	1	True	Solder Mask Expansion	Mask	All	Expansion = 0mil
Testpoint	1	True	Fabrication Testpoint Style	Testpoint	All	Under Comp - Allow Sides - Top, Bottom Pref Size = 60mil Pref Hole Size = 32mil Using Grid = Yes Grid = 1mil Grid Tolerance = 0.01mil
TestPointUsage	1	True	Fabrication Testpoint Usage	Testpoint	All	Testpoint - Allowed Multiple - Not Allowed
UnpouredPolygon	1	True	Unpoured Polygon	Electrical	All	Unpoured Polygon (Allow unpoured: False)
UnRoutedNet	1	True	Un-Routed Net	Electrical	All	(No Attributes)
Width	1	True	Width	Routing	All	Pref Width = 10mil Min Width = 6mil Max Width = 100mil