

## Design Rules Verification Report

Filename : W:\GreenfieldTechSolutions\Projects\Ontwerpen\Project\_234\_BAS\PCB\BAS\_Bas

Warnings 0  
Rule Violations 0

Warnings	
Total	0

Rule Violations	
Clearance Constraint (Gap=0.15mm) (InNet('NetC104_1')),(All)	0
Clearance Constraint (Gap=0.105mm) (All),(All)	0
Clearance Constraint (Gap=0mm) (All),(All)	0
Clearance Constraint (Gap=0.1mm) ((InDifferentialPairClass('All Differential Pairs'))),(All)	0
Clearance Constraint (Gap=0.3mm) (InNet('VPWR') or InNet('VIN') or InNet('PWR')),(All)	0
Clearance Constraint (Gap=0.2mm) (InNet('+12V') or InNet('+5V')),(All)	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=0.127mm) (Max=20mm) (Preferred=0.254mm) (All)	0
Width Constraint (Min=0.75mm) (Max=2mm) (Preferred=1mm) (InNet('+12V'))	0
Width Constraint (Min=0.75mm) (Max=2mm) (Preferred=1mm) (InNet('VIN'))	0
Width Constraint (Min=0.5mm) (Max=2mm) (Preferred=0.7mm) (InNet('VPWR'))	0
Power Plane Connect Rule(Relief Connect )(Expansion=0.508mm) (Conductor Width=0.254mm) (Air Gap=0.254mm)	0
Minimum Annular Ring (Minimum=0.1mm) (All)	0
Hole Size Constraint (Min=0.025mm) (Max=20mm) (All)	0
Hole To Hole Clearance (Gap=0.125mm) (All),(All)	0
Minimum Solder Mask Sliver (Gap=0mm) (All),(All)	0
Silk To Solder Mask (Clearance=0mm) (IsPad),(All)	0
Silk to Silk (Clearance=0mm) (All),(All)	0
Net Antennae (Tolerance=0mm) (All)	0
Board Clearance Constraint (Gap=0mm) (All)	0
Board Clearance Constraint (Gap=0mm) (OnLayer('Top Overlay') or OnLayer('Bottom Overlay'))	0
Matched Lengths(Tolerance=6mm) (InDifferentialPair('USB7') or InDifferentialPair('USB7_RX1') or	0
Matched Lengths(Tolerance=6mm) (InDifferentialPair('USB3') or InDifferentialPair('USB3_RX1') or	0
Matched Lengths(Tolerance=6mm) (InDifferentialPair('USB4') or InDifferentialPair('USB4_RX1') or	0
Matched Lengths(Tolerance=6mm) (InDifferentialPair('USB6') or InDifferentialPair('USB6_RX1') or	0
Matched Lengths(Tolerance=6mm) (InDifferentialPair('USB5') or InDifferentialPair('USB5_RX1') or	0
Matched Lengths(Tolerance=6mm) (InDifferentialPair('USB2') or InDifferentialPair('USB2_RX1') or	0
Matched Lengths(Tolerance=0.127mm) (InDifferentialPairClass('USB3'))	0
Matched Lengths(Tolerance=6mm) (InDifferentialPair('USB0') or InDifferentialPair('USB0_RX1') or	0
Matched Lengths(Tolerance=6mm) (InDifferentialPair('USB1') or InDifferentialPair('USB1_RX1') or	0
Height Constraint (Min=0mm) (Max=100mm) (Preferred=12.7mm) (All)	0
Total	0