

Electrical Rules Check Report

Class	Document	Message
Warning	ULP_BLE_Camera.PcbDoc	Duplicate pins in component Pin U1-A6 and Pin U1-A6
Warning	ULP_BLE_Camera.PcbDoc	Duplicate pins in component Pin U1-A7 and Pin U1-A7
Warning	ULP_BLE_Camera.PcbDoc	Duplicate pins in component Pin U1-B1 and Pin U1-B1
Warning	ULP_BLE_Camera.PcbDoc	Duplicate pins in component Pin U1-C2 and Pin U1-C2

Design Rules Verification Report

Filename : C:\Users\Public\Documents\Altium\Projects\SnapCam_nonrechargeable\design

Warnings 0

Rule Violations 0

Warnings	
Total	0

Rule Violations	
Clearance Constraint (Gap=4.6mil) (InNet('NetR38_2')),((InNet('VCC_3V3_PMIC') Or InNet('DGND')) And IsVia)	0
Clearance Constraint (Gap=4.6mil) (InNet('BLE_I2C_SDA')),((InNet('BLE_I2C_SCL') Or InNet('DGND')) And IsVia)	0
Clearance Constraint (Gap=6mil) (All),(All)	0
Clearance Constraint (Gap=4.6mil) (InNet('DGND')),((InNet('BLE_I2C_SDA') Or InNet('VCC_3V3_PMIC')) And IsVia)	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=4.6mil) (Max=100mil) (Preferred=8mil) (InNet('DGND'))	0
Width Constraint (Min=5.7mil) (Max=5.7mil) (Preferred=5.7mil) (InNetClass('500hm'))	0
Width Constraint (Min=4.6mil) (Max=12mil) (Preferred=8mil) (InNet('BLE_I2C_SDA'))	0
Width Constraint (Min=5mil) (Max=96mil) (Preferred=8mil) (All)	0
Width Constraint (Min=4.6mil) (Max=12mil) (Preferred=8mil) (InNet('NetR38_2'))	0
Power Plane Connect Rule(Direct Connect)(Expansion=20mil) (Conductor Width=10mil) (Air Gap=10mil) (Entries=4)	0
Hole Size Constraint (Min=1mil) (Max=120mil) (All)	0
Hole To Hole Clearance (Gap=8mil) (All),(All)	0
Minimum Solder Mask Sliver (Gap=1.3mil) (HasFootprint('IC_ON_WDFN6_2x2')), (HasFootprint('IC_ON_WDFN6_2x2'))	0
Minimum Solder Mask Sliver (Gap=1.9mil) (HasPad('U8-EP')), (HasPad('U8-3') Or HasPad('U8-4') Or HasPad('U8-5') Or	0
Minimum Solder Mask Sliver (Gap=3.2mil)	0
Minimum Solder Mask Sliver (Gap=4mil) (All),(All)	0
Minimum Solder Mask Sliver (Gap=3.7mil)	0
Minimum Solder Mask Sliver (Gap=3.7mil)	0
Silk To Solder Mask (Clearance=3mil) (IsPad),(All)	0
Silk to Silk (Clearance=4mil) (All),(All)	0
Net Antennae (Tolerance=0mil) (All)	0
Height Constraint (Min=0mil) (Max=1600mil) (Preferred=500mil) (All)	0
Total	0