





Design Rules Verification Report

Filename: C:\Users\matt\Dropbox\Ventilator Shit\PCB\sensor_module\pcb\PCB1.PcbDoc

Warnings 0 Rule Violations 154

W	Varnings	
T	otal	0

Rule Violations		
Clearance Constraint (Gap=0.2mm) (All),(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=0.2mm) (Max=0.6mm) (Preferred=0.4mm) (All)	4	
Power Plane Connect Rule(Relief Connect)(Expansion=0.508mm) (Conductor Width=0.254mm)	0	
Hole Size Constraint (Min=0.025mm) (Max=2.54mm) (All)	0	
Hole To Hole Clearance (Gap=0.254mm) (All),(All)	0	
Minimum Solder Mask Sliver (Gap=0.254mm) (All),(All)	83	
Silk To Solder Mask (Clearance=0.254mm) (IsPad),(All)	63	
Silk to Silk (Clearance=0.254mm) (All),(All)	4	
Net Antennae (Tolerance=0mm) (All)	0	
Room Sheet1 (Bounding Region = (114mm, 104mm, 134mm, 143mm)		
Height Constraint (Min=0mm) (Max=25.4mm) (Prefered=12.7mm) (All)	0	
Total	154	

Width Constraint (Min=0.2mm) (Max=0.6mm) (Preferred=0.4mm) (All)

Width Constraint: Track (-14.05mm,-10.35mm)(-14.05mm,0.5mm) on Top Layer Actual Width = 0.102mm, Target Width: Width Constraint: Track (-14.508mm,-11.25mm)(-14.1mm,-11.25mm) on Top Layer Actual Width = 0.102mm, Target Width Width Constraint: Track (-14.625mm,-11.133mm)(-14.508mm,-11.25mm) on Top Layer Actual Width = 0.102mm, Target Width Constraint: Track (-14.625mm,-11.133mm)(-14.625mm,0.75mm) on Top Layer Actual Width = 0.102mm, Target Width:

Minimum Solder Mask Sliver (Gap=0.254mm) (All),(All) Minimum Solder Mask Sliver Constraint: (0.017mm < 0.254mm) Between Pad C10-1(-10.01mm,10.525mm) on Top Layer And Minimum Solder Mask Sliver Constraint: (0.237mm < 0.254mm) Between Pad C10-1(-10.01mm,10.525mm) on Top Layer Anc Minimum Solder Mask Sliver Constraint: (0.239mm < 0.254mm) Between Pad C10-1(-10.01mm,10.525mm) on Top Layer Anc Minimum Solder Mask Sliver Constraint: (0.239mm < 0.254mm) Between Pad C10-2(-10.99mm,10.525mm) on Top Layer And Minimum Solder Mask Sliver Constraint: (0.237mm < 0.254mm) Between Pad C10-2(-10.99mm,10.525mm) on Top Layer Anc Minimum Solder Mask Sliver Constraint: (0.017mm < 0.254mm) Between Pad C1-1(-7.16mm,-0.8mm) on Top Layer And Pac Minimum Solder Mask Sliver Constraint: (0.017mm < 0.254mm) Between Pad C2-1(-16.89mm,6.575mm) on Top Layer Anc Minimum Solder Mask Sliver Constraint: (0.22mm < 0.254mm) Between Pad C2-2(-15.91mm,6.575mm) on Top Layer Anc Minimum Solder Mask Sliver Constraint: (0.017mm < 0.254mm) Between Pad C3-1(-12.51mm,5.25mm) on Top Layer Anc Minimum Solder Mask Sliver Constraint: (0.017mm < 0.254mm) Between Pad C4-1(-10.222mm,6.877mm) on Top Layer Anc Minimum Solder Mask Sliver Constraint: (0.017mm < 0.254mm) Between Pad C8-1(-1.1mm,6.085mm) on Top Layer And Pac Minimum Solder Mask Sliver Constraint: (0.077mm < 0.254mm) Between Pad C8-2(-1.1mm,7.065mm) on Top Layer And Pac Minimum Solder Mask Sliver Constraint: (0.017mm < 0.254mm) Between Pad C9-1(-18.35mm,4.035mm) on Top Layer Anc Minimum Solder Mask Sliver Constraint: (0.192mm < 0.254mm) Between Pad D1-1(-8.86mm,9.425mm) on Bottom Layer Anc Minimum Solder Mask Sliver Constraint: (0.222mm < 0.254mm) Between Pad P1-7(-6.19mm,23mm) on Multi-Layer And Pac Minimum Solder Mask Sliver Constraint: (0.247mm < 0.254mm) Between Pad R10-1(-2.35mm,2.75mm) on Top Layer Anc Minimum Solder Mask Sliver Constraint: (0.147mm < 0.254mm) Between Pad R1-1(-14.05mm,-10.35mm) on Top Layer And Minimum Solder Mask Sliver Constraint: (0.172mm < 0.254mm) Between Pad R11-1(-4.25mm,17.85mm) on Top Layer And Minimum Solder Mask Sliver Constraint: (0.072mm < 0.254mm) Between Pad R11-1(-4.25mm,17.85mm) on Top Layer And Minimum Solder Mask Sliver Constraint: (0.121mm < 0.254mm) Between Pad R11-2(-2.85mm,17.85mm) on Top Layer And Minimum Solder Mask Sliver Constraint: (0.121mm < 0.254mm) Between Pad R11-2(-2.85mm,17.85mm) on Top Layer And Minimum Solder Mask Sliver Constraint: (0.247mm < 0.254mm) Between Pad R12-1(-8mm,1.8mm) on Top Layer And Pac Minimum Solder Mask Sliver Constraint: (0.172mm < 0.254mm) Between Pad R12-1(-8mm,1.8mm) on Top Layer And Pac Minimum Solder Mask Sliver Constraint: (0.205mm < 0.254mm) Between Pad R12-1(-8mm,1.8mm) on Top Layer And Pac Minimum Solder Mask Sliver Constraint: (0.172mm < 0.254mm) Between Pad R12-2(-7mm,1.8mm) on Top Layer And Pac Minimum Solder Mask Sliver Constraint: (0.247mm < 0.254mm) Between Pad R13-1(-7.975mm,0.775mm) on Top Layer Anc Minimum Solder Mask Sliver Constraint: (0.047mm < 0.254mm) Between Pad R14-1(-10.025mm,8.25mm) on Top Layer Anc Minimum Solder Mask Sliver Constraint: (0.172mm < 0.254mm) Between Pad R14-1(-10.025mm,8.25mm) on Top Layer Anc Minimum Solder Mask Sliver Constraint: (0.178mm < 0.254mm) Between Pad R14-1(-10.025mm,8.25mm) on Top Layer Anc Minimum Solder Mask Sliver Constraint: (0.047mm < 0.254mm) Between Pad R15-1(-10.025mm,9.4mm) on Top Layer And Minimum Solder Mask Sliver Constraint: (0.172mm < 0.254mm) Between Pad R15-1(-10.025mm,9.4mm) on Top Layer And Minimum Solder Mask Sliver Constraint: (0.172mm < 0.254mm) Between Pad R15-1(-10.025mm,9.4mm) on Top Layer Anc Minimum Solder Mask Sliver Constraint: (0.047mm < 0.254mm) Between Pad R16-1(-10.675mm,3.775mm) on Top Layer And Minimum Solder Mask Sliver Constraint: (0.047mm < 0.254mm) Between Pad R2-1(-16.875mm,7.875mm) on Top Layer Anc Minimum Solder Mask Sliver Constraint: (0.235mm < 0.254mm) Between Pad R2-2(-15.925mm,7.875mm) on Top Layer Anc Minimum Solder Mask Sliver Constraint: (0.047mm < 0.254mm) Between Pad R3-1(-13.55mm, 2.65mm) on Top Layer Anc Minimum Solder Mask Sliver Constraint: (0.147mm < 0.254mm) Between Pad R3-1(-13.55mm, 2.65mm) on Top Layer Anc Minimum Solder Mask Sliver Constraint: (0.157mm < 0.254mm) Between Pad R3-2(-12.6mm, 2.65mm) on Top Layer And Pac Minimum Solder Mask Sliver Constraint: (0.047mm < 0.254mm) Between Pad R4-1(-13.525mm,3.95mm) on Top Layer And Minimum Solder Mask Sliver Constraint: (0.047mm < 0.254mm) Between Pad R5-1(-12.5mm,6.4mm) on Top Layer And Pac Minimum Solder Mask Sliver Constraint: (0.147mm < 0.254mm) Between Pad R6-1(-15.975mm,9.275mm) on Top Layer Anc Minimum Solder Mask Sliver Constraint: (0.047mm < 0.254mm) Between Pad R7-1(-16.8mm,1.075mm) on Top Layer And Minimum Solder Mask Sliver Constraint: (0.053mm < 0.254mm) Between Pad R7-2(-15.85mm,1.075mm) on Top Layer Anc Minimum Solder Mask Sliver Constraint: (0.052mm < 0.254mm) Between Pad R8-1(-5.45mm,17.905mm) on Top Layer And Minimum Solder Mask Sliver Constraint: (0.067mm < 0.254mm) Between Pad R8-1(-5.45mm, 17.905mm) on Top Layer Anc Minimum Solder Mask Sliver Constraint: (0.052mm < 0.254mm) Between Pad R8-2(-6.85mm, 17.905mm) on Top Layer Anc Minimum Solder Mask Sliver Constraint: (0.067mm < 0.254mm) Between Pad R8-2(-6.85mm,17.905mm) on Top Layer Anc Minimum Solder Mask Sliver Constraint: (0.247mm < 0.254mm) Between Pad R9-1(-3.35mm,1.625mm) on Top Layer Anc Minimum Solder Mask Sliver Constraint: (0.149mm < 0.254mm) Between Pad TP3-1(-14.744mm,1.302mm) on Top Layer And Minimum Solder Mask Sliver Constraint: (0.097mm < 0.254mm) Between Pad U1-1(-9.325mm,-5.175mm) on Top Layer Anc Minimum Solder Mask Sliver Constraint: (0.097mm < 0.254mm) Between Pad U1-2(-9.325mm,-4.525mm) on Top Layer Anc Minimum Solder Mask Sliver Constraint: (0.097mm < 0.254mm) Between Pad U1-3(-9.325mm,-3.875mm) on Top Layer Anc

Minimum Solder Mask Sliver (Gap=0.254mm) (All),(All) Minimum Solder Mask Sliver Constraint: (0.097mm < 0.254mm) Between Pad U1-5(-7.275mm,-3.225mm) on Top Layer And Minimum Solder Mask Sliver Constraint: (0.097mm < 0.254mm) Between Pad U1-6(-7.275mm,-3.875mm) on Top Layer And Minimum Solder Mask Sliver Constraint: (0.097mm < 0.254mm) Between Pad U1-7(-7.275mm,-4.525mm) on Top Layer And Minimum Solder Mask Sliver Constraint: (0.197mm < 0.254mm) Between Pad U2-1(-16.95mm, 2.55mm) on Top Layer And Minimum Solder Mask Sliver Constraint: (0.197mm < 0.254mm) Between Pad U2-2(-16mm,2.55mm) on Top Layer And Pac Minimum Solder Mask Sliver Constraint: (0.097mm < 0.254mm) Between Pad U3-1(-2.95mm, 3.85mm) on Top Layer And Pac Minimum Solder Mask Sliver Constraint: (0.097mm < 0.254mm) Between Pad U3-10(-2.95mm,9.7mm) on Top Layer And Pac Minimum Solder Mask Sliver Constraint: (0.097mm < 0.254mm) Between Pad U3-11(-8.55mm,9.7mm) on Top Layer And Pac Minimum Solder Mask Sliver Constraint: (0.097mm < 0.254mm) Between Pad U3-12(-8.55mm,9.05mm) on Top Layer Anc Minimum Solder Mask Sliver Constraint: (0.097mm < 0.254mm) Between Pad U3-13(-8.55mm,8.4mm) on Top Layer And Pac Minimum Solder Mask Sliver Constraint: (0.097mm < 0.254mm) Between Pad U3-14(-8.55mm,7.75mm) on Top Layer And Minimum Solder Mask Sliver Constraint: (0.097mm < 0.254mm) Between Pad U3-15(-8.55mm,7.1mm) on Top Layer And Pac Minimum Solder Mask Sliver Constraint: (0.097mm < 0.254mm) Between Pad U3-16(-8.55mm,6.45mm) on Top Layer Anc Minimum Solder Mask Sliver Constraint: (0.097mm < 0.254mm) Between Pad U3-17(-8.55mm,5.8mm) on Top Layer And Pac Minimum Solder Mask Sliver Constraint: (0.097mm < 0.254mm) Between Pad U3-18(-8.55mm,5.15mm) on Top Layer And Minimum Solder Mask Sliver Constraint: (0.097mm < 0.254mm) Between Pad U3-19(-8.55mm,4.5mm) on Top Layer And Pac Minimum Solder Mask Sliver Constraint: (0.097mm < 0.254mm) Between Pad U3-2(-2.95mm,4.5mm) on Top Layer And Pac Minimum Solder Mask Sliver Constraint: (0.097mm < 0.254mm) Between Pad U3-3(-2.95mm,5.15mm) on Top Layer And Pac Minimum Solder Mask Sliver Constraint: (0.097mm < 0.254mm) Between Pad U3-4(-2.95mm,5.8mm) on Top Layer And Pac Minimum Solder Mask Sliver Constraint: (0.097mm < 0.254mm) Between Pad U3-5(-2.95mm,6.45mm) on Top Layer And Pac Minimum Solder Mask Sliver Constraint: (0.097mm < 0.254mm) Between Pad U3-6(-2.95mm,7.1mm) on Top Layer And Pac Minimum Solder Mask Sliver Constraint: (0.097mm < 0.254mm) Between Pad U3-7(-2.95mm,7.75mm) on Top Layer And Pac Minimum Solder Mask Sliver Constraint: (0.097mm < 0.254mm) Between Pad U3-8(-2.95mm,8.4mm) on Top Layer And Pac Minimum Solder Mask Sliver Constraint: (0.087mm < 0.254mm) Between Pad U5-1(-14.125mm,13.925mm) on Top Layer And Minimum Solder Mask Sliver Constraint: (0.087mm < 0.254mm) Between Pad U5-2(-14.125mm,12.975mm) on Top Layer And Minimum Solder Mask Sliver Constraint: (0.197mm < 0.254mm) Between Pad U7-1(-9.38mm,-4.85mm) on Bottom Layer Anc Minimum Solder Mask Sliver Constraint: (0.197mm < 0.254mm) Between Pad U7-2(-9.38mm,-3.95mm) on Bottom Layer Anc Minimum Solder Mask Sliver Constraint: (0.197mm < 0.254mm) Between Pad U7-3(-9.38mm,-3.05mm) on Bottom Layer Anc Minimum Solder Mask Sliver Constraint: (0.197mm < 0.254mm) Between Pad U7-5(-7.22mm,-2.15mm) on Bottom Layer Anc Minimum Solder Mask Sliver Constraint: (0.197mm < 0.254mm) Between Pad U7-6(-7.22mm,-3.05mm) on Bottom Layer Anc Minimum Solder Mask Sliver Constraint: (0.197mm < 0.254mm) Between Pad U7-7(-7.22mm,-3.95mm) on Bottom Layer Anc

Silk To Solder Mask (Clearance=0.254mm) (IsPad),(All) Silk To Solder Mask Clearance Constraint: (Collision < 0.254mm) Between Arc (-11.475mm,10.15mm) on Top Overlay An-Silk To Solder Mask Clearance Constraint: (0.201mm < 0.254mm) Between Arc (-11.475mm, 10.15mm) on Top Overlay An Silk To Solder Mask Clearance Constraint: (0.176mm < 0.254mm) Between Arc (-17.775mm,2.55mm) on Top Overlay And Silk To Solder Mask Clearance Constraint: (0.079mm < 0.254mm) Between Arc (-2.95mm,3.125mm) on Top Overlay And Pa Silk To Solder Mask Clearance Constraint: (Collision < 0.254mm) Between Arc (-2.95mm,3.125mm) on Top Overlay And Par Silk To Solder Mask Clearance Constraint: (0.025mm < 0.254mm) Between Arc (-4.65mm,19.025mm) on Top Overlay An-Silk To Solder Mask Clearance Constraint: (Collision < 0.254mm) Between Arc (-7.975mm,19.075mm) on Top Overlay And Silk To Solder Mask Clearance Constraint: (0.175mm < 0.254mm) Between Pad C5-1(-16.9mm,18.5mm) on Top Layer And Silk To Solder Mask Clearance Constraint: (0.175mm < 0.254mm) Between Pad C5-1(-16.9mm,18.5mm) on Top Layer And Silk To Solder Mask Clearance Constraint: (0.193mm < 0.254mm) Between Pad C5-2(-16.9mm, 20.3mm) on Top Layer And Silk To Solder Mask Clearance Constraint: (0.175mm < 0.254mm) Between Pad C5-2(-16.9mm,20.3mm) on Top Layer And Silk To Solder Mask Clearance Constraint: (0.193mm < 0.254mm) Between Pad C6-1(-16.9mm,13.85mm) on Top Layer And Silk To Solder Mask Clearance Constraint: (0.175mm < 0.254mm) Between Pad C6-1(-16.9mm,13.85mm) on Top Layer And Silk To Solder Mask Clearance Constraint: (0.175mm < 0.254mm) Between Pad C6-2(-16.9mm,12.05mm) on Top Layer And Silk To Solder Mask Clearance Constraint: (0.175mm < 0.254mm) Between Pad C6-2(-16.9mm,12.05mm) on Top Layer And Silk To Solder Mask Clearance Constraint: (0.175mm < 0.254mm) Between Pad C7-1(-9.7mm,12mm) on Top Layer And Traci Silk To Solder Mask Clearance Constraint: (0.175mm < 0.254mm) Between Pad C7-1(-9.7mm,12mm) on Top Layer And Trac Silk To Solder Mask Clearance Constraint: (0.175mm < 0.254mm) Between Pad C7-2(-9.7mm,13.8mm) on Top Layer And Silk To Solder Mask Clearance Constraint: (0.193mm < 0.254mm) Between Pad C7-2(-9.7mm,13.8mm) on Top Layer And Silk To Solder Mask Clearance Constraint: (0.045mm < 0.254mm) Between Pad D1-1(-8.86mm,9.425mm) on Bottom Layer Silk To Solder Mask Clearance Constraint: (0.155mm < 0.254mm) Between Pad F1-1(-17.825mm,25.125mm) on Top Laye Silk To Solder Mask Clearance Constraint: (0.155mm < 0.254mm) Between Pad F1-1(-17.825mm,25.125mm) on Top Laye Silk To Solder Mask Clearance Constraint: (0.155mm < 0.254mm) Between Pad F1-2(-17.825mm,22.125mm) on Top Laye Silk To Solder Mask Clearance Constraint: (0.155mm < 0.254mm) Between Pad F1-2(-17.825mm,22.125mm) on Top Laye Silk To Solder Mask Clearance Constraint: (0.15mm < 0.254mm) Between Pad J1-1(-6.95mm,4.16mm) on Bottom Layer And Silk To Solder Mask Clearance Constraint: (0.15mm < 0.254mm) Between Pad J1-1(-6.95mm,4.16mm) on Bottom Layer And Silk To Solder Mask Clearance Constraint: (0.15mm < 0.254mm) Between Pad J1-10(-3.05mm,9.24mm) on Bottom Layer Anc Silk To Solder Mask Clearance Constraint: (0.151mm < 0.254mm) Between Pad J1-10(-3.05mm,9.24mm) on Bottom Layer Silk To Solder Mask Clearance Constraint: (0.15mm < 0.254mm) Between Pad J1-2(-3.05mm,4.16mm) on Bottom Layer And Silk To Solder Mask Clearance Constraint: (0.15mm < 0.254mm) Between Pad J1-2(-3.05mm,4.16mm) on Bottom Layer And Silk To Solder Mask Clearance Constraint: (0.15mm < 0.254mm) Between Pad J1-3(-6.95mm,5.43mm) on Bottom Layer And Silk To Solder Mask Clearance Constraint: (0.15mm < 0.254mm) Between Pad J1-4(-3.05mm,5.43mm) on Bottom Layer And Silk To Solder Mask Clearance Constraint: (0.15mm < 0.254mm) Between Pad J1-5(-6.95mm,6.7mm) on Bottom Layer And Silk To Solder Mask Clearance Constraint: (0.15mm < 0.254mm) Between Pad J1-6(-3.05mm,6.7mm) on Bottom Layer Anc Silk To Solder Mask Clearance Constraint: (0.15mm < 0.254mm) Between Pad J1-7(-6.95mm,7.97mm) on Bottom Layer Anc Silk To Solder Mask Clearance Constraint: (0.15mm < 0.254mm) Between Pad J1-8(-3.05mm,7.97mm) on Bottom Layer And Silk To Solder Mask Clearance Constraint: (0.15mm < 0.254mm) Between Pad J1-9(-6.95mm,9.24mm) on Bottom Layer And Silk To Solder Mask Clearance Constraint: (0.15mm < 0.254mm) Between Pad J1-9(-6.95mm,9.24mm) on Bottom Layer And Silk To Solder Mask Clearance Constraint: (0.2mm < 0.254mm) Between Pad R11-1(-4.25mm,17.85mm) on Top Layer Ani Silk To Solder Mask Clearance Constraint: (0.2mm < 0.254mm) Between Pad R11-1(-4.25mm,17.85mm) on Top Layer And Silk To Solder Mask Clearance Constraint: (0.2mm < 0.254mm) Between Pad R11-2(-2.85mm,17.85mm) on Top Layer And Silk To Solder Mask Clearance Constraint: (0.216mm < 0.254mm) Between Pad R11-2(-2.85mm,17.85mm) on Top Layer And Silk To Solder Mask Clearance Constraint: (0.2mm < 0.254mm) Between Pad R8-1(-5.45mm,17.905mm) on Top Layer And Silk To Solder Mask Clearance Constraint: (0.216mm < 0.254mm) Between Pad R8-1(-5.45mm,17.905mm) on Top Layer And Silk To Solder Mask Clearance Constraint: (0.2mm < 0.254mm) Between Pad R8-2(-6.85mm,17.905mm) on Top Layer And Silk To Solder Mask Clearance Constraint: (0.2mm < 0.254mm) Between Pad R8-2(-6.85mm,17.905mm) on Top Layer And Silk To Solder Mask Clearance Constraint: (0.249mm < 0.254mm) Between Pad U6-1(-14.975mm,20.4mm) on Top Layer And Silk To Solder Mask Clearance Constraint: (0.249mm < 0.254mm) Between Pad U6-2(-14.975mm,18.1mm) on Top Layer And Silk To Solder Mask Clearance Constraint: (0.249mm < 0.254mm) Between Pad U6-3(-14.975mm,15.8mm) on Top Layer And Silk To Solder Mask Clearance Constraint: (0.22mm < 0.254mm) Between Pad U6-4(-8.825mm,18.1mm) on Top Layer And Silk To Solder Mask Clearance Constraint: (0.25mm < 0.254mm) Between Pad U7-1(-9.38mm,-4.85mm) on Bottom Layer Anc Silk To Solder Mask Clearance Constraint: (0.1mm < 0.254mm) Between Pad U7-1(-9.38mm,-4.85mm) on Bottom Layer And

Silk To Solder Mask (Clearance=0.254mm) (IsPad),(All)

Silk To Solder Mask Clearance Constraint: (0.1mm < 0.254mm) Between Pad U7-2(-9.38mm,-3.95mm) on Bottom Layer And Silk To Solder Mask Clearance Constraint: (0.1mm < 0.254mm) Between Pad U7-3(-9.38mm,-3.05mm) on Bottom Layer And Silk To Solder Mask Clearance Constraint: (0.25mm < 0.254mm) Between Pad U7-4(-9.38mm,-2.15mm) on Bottom Layer And Silk To Solder Mask Clearance Constraint: (0.1mm < 0.254mm) Between Pad U7-4(-9.38mm,-2.15mm) on Bottom Layer And Silk To Solder Mask Clearance Constraint: (0.1mm < 0.254mm) Between Pad U7-5(-7.22mm,-2.15mm) on Bottom Layer And Silk To Solder Mask Clearance Constraint: (0.25mm < 0.254mm) Between Pad U7-5(-7.22mm,-2.15mm) on Bottom Layer And Silk To Solder Mask Clearance Constraint: (0.1mm < 0.254mm) Between Pad U7-6(-7.22mm,-3.05mm) on Bottom Layer And Silk To Solder Mask Clearance Constraint: (0.1mm < 0.254mm) Between Pad U7-7(-7.22mm,-3.95mm) on Bottom Layer And Silk To Solder Mask Clearance Constraint: (0.1mm < 0.254mm) Between Pad U7-8(-7.22mm,-4.85mm) on Bottom Layer And Silk To Solder Mask Clearance Constraint: (0.25mm < 0.254mm) Between Pad U7-8(-7.22mm,-4.85mm) on Bottom Layer And Silk To Solder Mask Clearance Constraint: (0.25mm < 0.254mm) Between Pad U7-8(-7.22mm,-4.85mm) on Bottom Layer And Silk To Solder Mask Clearance Constraint: (0.25mm < 0.254mm) Between Pad U7-8(-7.22mm,-4.85mm) on Top Layer And Silk To Solder Mask Clearance Constraint: (Collision < 0.254mm) Between Pad U8-3(-6.175mm,21.375mm) on Top Layer And Silk To Solder Mask Clearance Constraint: (Collision < 0.254mm) Between Pad U8-3(-6.175mm,21.375mm) on Top Layer And Silk To Solder Mask Clearance Constraint: (Collision < 0.254mm) Between Pad U8-3(-6.175mm,21.375mm) on Top Layer And Silk To Solder Mask Clearance Constraint: (Collision < 0.254mm) Between Pad U8-3(-6.175mm,21.375mm) on Top Layer And Silk To Solder Mask Clearance Constraint: (Collision < 0.254mm) Between Pad U8-3(-6.175mm,21.375mm) on Top Layer And Silk To Solder Mask Clearance Constraint: (Collision < 0.254mm) Between Pad U8-3(-6.175mm,2

Silk to Silk (Clearance=0.254mm) (All),(All)

Silk To Silk Clearance Constraint: (0.137mm < 0.254mm) Between Text "1" (-15.842mm,22.492mm) on Top Overlay And Silk To Silk Clearance Constraint: (0.222mm < 0.254mm) Between Text "2" (-16.35mm,25.032mm) on Top Overlay And Trac Silk To Silk Clearance Constraint: (0.052mm < 0.254mm) Between Text "7" (-4.666mm,22.492mm) on Top Overlay And Trac Silk To Silk Clearance Constraint: (0.052mm < 0.254mm) Between Text "8" (-4.666mm,25.032mm) on Top Overlay And Trac

Electrical Rules Check Report

Class	Document	Message
Error	Sheet1.SchDoc	GND contains Output Pin and Power Pin objects (Pin U1-5, Pin J1-3, Pin
		J1-5, Pin J1-9, Pin U1-1, Pin U1-7, Pin U2-2, Pin U3-15, Pin U4-4, Pin
		U5-2, Pin U6-2, Pin U6-4, Pin U7-2).
Warning	Sheet1.SchDoc	Net BOOT0 has no driving source (Pin R10-1, Pin U3-1)
Warning	Sheet1.SchDoc	Net SENSE+ has no driving source (Pin R1-2, Pin R3-1, Pin R7-2, Pin
		TP3-1, Pin U2-3)
Warning	Sheet1.SchDoc	Net SENSE- has no driving source (Pin C2-2, Pin C3-2, Pin R2-2, Pin R4-1,
		Pin R5-2, Pin TP4-1, Pin U2-4)
Warning	Sheet1.SchDoc	Net SENSOR_RX+ has no driving source (Pin P1-3, Pin R8-2, Pin U4-8, Pin
		U8-1)
Warning	Sheet1.SchDoc	Net SENSOR_RX- has no driving source (Pin P1-6, Pin R8-1, Pin U4-7, Pin
		U8-2)



