

**Design Rules Verification Report**

Filename : C:\Users\gharris\projects\keyboard\pokey\pokey\pokey.PcbDoc

Warnings 0  
Rule Violations 0

Warnings	
Total	0

Rule Violations	
Clearance Constraint (Gap=10mil) (InPolygon),(All)	0
Clearance Constraint (Gap=0mil) (InComponent('M7.1') or InComponent('M1.1') or	0
Clearance Constraint (Gap=6mil) (All),(All)	0
Clearance Constraint (Gap=6mil) (InPolygon and (ontop or OnBottom)),(All)	0
Clearance Constraint (Gap=15mil) (IsElectrical),(IsBoardOutline)	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
Power Plane Connect Rule(Direct Connect )(Expansion=20mil) (Conductor Width=10mil) (Air	0
Hole Size Constraint (Min=1mil) (Max=250mil) (All)	0
Hole To Hole Clearance (Gap=10mil) (All),(All)	0
Minimum Solder Mask Sliver (Gap=0mil) (All),(All)	0
Silk To Solder Mask (Clearance=0mil) (Disabled)(IsPad),(All)	0
Silk to Silk (Clearance=0mil) (All),(All)	0
Net Antennae (Tolerance=0mil) (All)	0
Board Clearance Constraint (Gap=0mil) (OnLayer('Top Overlay') or OnLayer('Bottom Overlay'))	0
Board Clearance Constraint (Gap=0mil) (All)	0
Room U115 (Bounding Region = (11437.5mil, 187.5mil, 12062.5mil, 817.5mil)	0
Room U116 (Bounding Region = (10687.5mil, 187.5mil, 11312.5mil, 817.5mil)	0
Room U114 (Bounding Region = (10687.5mil, 937.5mil, 11312.5mil, 1567.5mil)	0
Room U112 (Bounding Region = (12187.5mil, 2437.5mil, 12812.5mil, 3067.5mil)	0
Room U113 (Bounding Region = (11437.5mil, 2437.5mil, 12062.5mil, 3067.5mil)	0
Room U117 (Bounding Region = (9937.5mil, 187.5mil, 10562.5mil, 817.5mil)	0
Room U124 (Bounding Region = (3562.5mil, 187.5mil, 4187.5mil, 817.5mil)	0
Room U125 (Bounding Region = (2625mil, 187.5mil, 3250mil, 817.5mil)	0
Room U123 (Bounding Region = (4500mil, 187.5mil, 5125mil, 817.5mil)	0
Room U121 (Bounding Region = (6187.5mil, 187.5mil, 6812.5mil, 817.5mil)	0
Room U122 (Bounding Region = (5250mil, 187.5mil, 5875mil, 817.5mil)	0
Room U14 (Bounding Region = (12937.5mil, 937.5mil, 13562.5mil, 1567.5mil)	0
Room U15 (Bounding Region = (12187.5mil, 937.5mil, 12812.5mil, 1567.5mil)	0
Room U13 (Bounding Region = (12187.5mil, 187.5mil, 12812.5mil, 817.5mil)	0
Room U11 (Bounding Region = (13687.5mil, 562.5mil, 14312.5mil, 1192.5mil)	0
Room U12 (Bounding Region = (12937.5mil, 187.5mil, 13562.5mil, 817.5mil)	0
Room U16 (Bounding Region = (11437.5mil, 937.5mil, 12062.5mil, 1567.5mil)	0
Room U110 (Bounding Region = (11437.5mil, 1687.5mil, 12062.5mil, 2317.5mil)	0
Room U111 (Bounding Region = (12937.5mil, 2437.5mil, 13562.5mil, 3067.5mil)	0
Room U19 (Bounding Region = (12187.5mil, 1687.5mil, 12812.5mil, 2317.5mil)	0

Rule Violations	
Room U17 (Bounding Region = (13687.5mil, 2062.5mil, 14312.5mil, 2692.5mil)	0
Room U18 (Bounding Region = (12937.5mil, 1687.5mil, 13562.5mil, 2317.5mil)	0
Room U168 (Bounding Region = (13687.5mil, 3187.5mil, 14312.5mil, 3817.5mil)	0
Room U167 (Bounding Region = (375mil, 2437.5mil, 1000mil, 3067.5mil)	0
Room U166 (Bounding Region = (1312.5mil, 2437.5mil, 1937.5mil, 3067.5mil)	0
Room U169 (Bounding Region = (12937.5mil, 3187.5mil, 13562.5mil, 3817.5mil)	0
Room U172 (Bounding Region = (10312.5mil, 3187.5mil, 10937.5mil, 3817.5mil)	0
Room U171 (Bounding Region = (11437.5mil, 3187.5mil, 12062.5mil, 3817.5mil)	0
Room U170 (Bounding Region = (12179.292mil, 3183.682mil, 12804.292mil, 3813.682mil)	0
Room U165 (Bounding Region = (2062.5mil, 2437.5mil, 2687.5mil, 3067.5mil)	0
Room U160 (Bounding Region = (5812.5mil, 2437.5mil, 6437.5mil, 3067.5mil)	0
Room U159 (Bounding Region = (6562.5mil, 2437.5mil, 7187.5mil, 3067.5mil)	0
Room U158 (Bounding Region = (7312.5mil, 2437.5mil, 7937.5mil, 3067.5mil)	0
Room U161 (Bounding Region = (5062.5mil, 2437.5mil, 5687.5mil, 3067.5mil)	0
Room U164 (Bounding Region = (2812.5mil, 2437.5mil, 3437.5mil, 3067.5mil)	0
Room U163 (Bounding Region = (3562.5mil, 2437.5mil, 4187.5mil, 3067.5mil)	0
Room U162 (Bounding Region = (4312.5mil, 2437.5mil, 4937.5mil, 3067.5mil)	0
Room U173 (Bounding Region = (9187.5mil, 3187.5mil, 9812.5mil, 3817.5mil)	0
Room U178 (Bounding Region = (5437.5mil, 3187.5mil, 6062.5mil, 3817.5mil)	0
Room U177 (Bounding Region = (6187.5mil, 3187.5mil, 6812.5mil, 3817.5mil)	0
Room U185 (Bounding Region = (187.5mil, 3187.5mil, 812.5mil, 3817.5mil)	0
Room U176 (Bounding Region = (6860mil, 3187.5mil, 7562.5mil, 3817.5mil)	0
Room U120 (Bounding Region = (7125mil, 187.5mil, 7750mil, 817.5mil)	0
Room U119 (Bounding Region = (8062.5mil, 187.5mil, 8687.5mil, 817.5mil)	0
Room U118 (Bounding Region = (9093.75mil, 187.5mil, 9718.75mil, 817.5mil)	0
Room U184 (Bounding Region = (937.5mil, 3187.5mil, 1562.5mil, 3817.5mil)	0
Room U179 (Bounding Region = (4687.5mil, 3187.5mil, 5312.5mil, 3817.5mil)	0
Room U175 (Bounding Region = (7687.5mil, 3187.5mil, 8312.5mil, 3817.5mil)	0
Room U174 (Bounding Region = (8437.5mil, 3187.5mil, 9062.5mil, 3817.5mil)	0
Room U180 (Bounding Region = (3937.5mil, 3187.5mil, 4562.5mil, 3817.5mil)	0
Room U183 (Bounding Region = (1687.5mil, 3187.5mil, 2312.5mil, 3817.5mil)	0
Room U182 (Bounding Region = (2437.5mil, 3187.5mil, 3062.5mil, 3817.5mil)	0
Room U181 (Bounding Region = (3187.5mil, 3187.5mil, 3812.5mil, 3817.5mil)	0
Room U157 (Bounding Region = (8062.5mil, 2437.5mil, 8687.5mil, 3067.5mil)	0
Room U137 (Bounding Region = (3375mil, 937.5mil, 4000mil, 1567.5mil)	0
Room U138 (Bounding Region = (2625mil, 937.5mil, 3250mil, 1567.5mil)	0
Room U135 (Bounding Region = (4875mil, 937.5mil, 5500mil, 1567.5mil)	0
Room U136 (Bounding Region = (4125mil, 937.5mil, 4750mil, 1567.5mil)	0

Rule Violations	
Room U141 (Bounding Region = (10218.75mil, 1687.5mil, 10843.75mil, 2317.5mil)	0
Room U142 (Bounding Region = (9000mil, 1687.5mil, 9625mil, 2317.5mil)	0
Room U139 (Bounding Region = (1875mil, 937.5mil, 2500mil, 1567.5mil)	0
Room U140 (Bounding Region = (750mil, 937.5mil, 1375mil, 1567.5mil)	0
Room U134 (Bounding Region = (5625mil, 937.5mil, 6250mil, 1567.5mil)	0
Room U128 (Bounding Region = (281.25mil, 187.5mil, 906.25mil, 817.5mil)	0
Room U129 (Bounding Region = (9656.25mil, 937.5mil, 10281.25mil, 1567.5mil)	0
Room U126 (Bounding Region = (1875mil, 187.5mil, 2500mil, 817.5mil)	0
Room U127 (Bounding Region = (1125mil, 187.5mil, 1750mil, 817.5mil)	0
Room U132 (Bounding Region = (7125mil, 937.5mil, 7750mil, 1567.5mil)	0
Room U133 (Bounding Region = (6375mil, 937.5mil, 7000mil, 1567.5mil)	0
Room U130 (Bounding Region = (8625mil, 937.5mil, 9250mil, 1567.5mil)	0
Room U131 (Bounding Region = (7875mil, 937.5mil, 8500mil, 1567.5mil)	0
Room U143 (Bounding Region = (8250mil, 1687.5mil, 8875mil, 2317.5mil)	0
Room U151 (Bounding Region = (2250mil, 1687.5mil, 2875mil, 2317.5mil)	0
Room U152 (Bounding Region = (1500mil, 1687.5mil, 2125mil, 2317.5mil)	0
Room U149 (Bounding Region = (3750mil, 1687.5mil, 4375mil, 2317.5mil)	0
Room U150 (Bounding Region = (3000mil, 1687.5mil, 3625mil, 2317.5mil)	0
Room U155 (Bounding Region = (9562.5mil, 2437.5mil, 10187.5mil, 3067.5mil)	0
Room U156 (Bounding Region = (8812.5mil, 2437.5mil, 9437.5mil, 3067.5mil)	0
Room U153 (Bounding Region = (562.5mil, 1687.5mil, 1187.5mil, 2317.5mil)	0
Room U154 (Bounding Region = (10500mil, 2437.5mil, 11125mil, 3067.5mil)	0
Room U145 (Bounding Region = (6750mil, 1687.5mil, 7375mil, 2317.5mil)	0
Room U144 (Bounding Region = (7500mil, 1687.5mil, 8125mil, 2317.5mil)	0
Room U146 (Bounding Region = (6000mil, 1687.5mil, 6625mil, 2317.5mil)	0
Room U148 (Bounding Region = (4500mil, 1687.5mil, 5125mil, 2317.5mil)	0
Room U147 (Bounding Region = (5250mil, 1687.5mil, 5875mil, 2317.5mil)	0
Permitted Layers - (Top Layer, Bottom Layer) (All)	0
Height Constraint (Min=0mil) (Max=1000mil) (Preferred=500mil) (All)	0
Total	0