

Stackup Report

Job Name:111-101208248

Finish Board Thickness(mm):2+/-0.2

Stackup Control Required:

Layer Index	Stackup Buildup	Dielectric Thickness(Mil/mm)	Finish Cu Thk(oz)			
L1	Foil		2oz			
	PP	4.663(0.118)				
L2	Core	5.118(0.130)	1oz			
L3	PP	4.632(0.118)	1oz			
L4	Core	5.118(0.130)	1oz			
L5	PP	4.937(0.125)	1oz			
L6	Core	9.843(0.250)	1oz			
L7	PP	4.607(0.117)	1oz			
L8	Core	5.118(0.130)	1oz			
L9	PP	4.644(0.118)	1oz			
L10	Core	5.118(0.130)	1oz			
L11	PP	4.663(0.118)	1oz			
L12	Foil		2oz			

Impedance Control Required:

Impedance Layer	Impedance Model	Reference Layer	Required Line Width/Spacing(Mil)	Finish Line Width/Spacing(Mil)	Calculated Impedance(Ω)
L1	coated_microstrip_lb	L2	10	10	40+/-5 Ω
L1	coated_microstrip_lb	L2	5	4.8	56+/-10%
L3	offset_stripline_lbla	L2/L4	6.5	6.1	40+/-5 Ω
L3	offset_stripline_lbla	L2/L4	4.2	3.8	50+/-10%
L5	offset_stripline_lbla	L4/L6	6.5	6.3	40+/-5 Ω
L5	offset_stripline_lbla	L4/L6	4.2	4	50+/-10%
L8	offset_stripline_lbla	L9/L7	6.5	6	40+/-5 Ω
L8	offset_stripline_lbla	L9/L7	4.2	3.8	50+/-10%
L10	offset_stripline_lbla	L11/L9	6.5	6.1	40+/-5 Ω
L10	offset_stripline_lbla	L11/L9	4.2	3.8	50+/-10%
L12	coated_microstrip_lb	L11	10	10	40+/-5 Ω
L12	coated_microstrip_lb	L11	5	4.8	56+/-10%
L1	edge_coupled_coated_microstrip_lb	L2	6.50/6.00	6.50/6.00	80+/-10%
L1	edge_coupled_coated_microstrip_lb	L2	6.50/8.00	6.50/8.00	85+/-10%
L1	edge_coupled_coated_microstrip_lb	L2	6.00/9.00	6.00/9.00	90+/-10%
L1	edge_coupled_coated_microstrip_lb	L2	5.00/10.00	4.80/10.20	100+/-10%
L3	edge_coupled_offset_stripline_lbla	L2/L4	5.80/8.00	5.60/8.20	80+/-10%
L3	edge_coupled_offset_stripline_lbla	L2/L4	5.20/7.50	4.90/7.80	85+/-10%
L3	edge_coupled_offset_stripline_lbla	L2/L4	4.50/7.50	4.30/7.70	90+/-10%
L3	edge_coupled_offset_stripline_lbla	L2/L4	3.50/7.50	3.30/7.70	100+/-10%
L5	edge_coupled_offset_stripline_lbla	L4/L6	5.80/8.00	5.80/8.00	80+/-10%
L5	edge_coupled_offset_stripline_lbla	L4/L6	3.50/7.50	3.40/7.60	100+/-10%
L8	edge_coupled_offset_stripline_lbla	L9/L7	3.50/7.50	3.30/7.70	100+/-10%
L10	edge_coupled_offset_stripline_lbla	L11/L9	5.80/8.00	5.60/8.20	80+/-10%
L10	edge_coupled_offset_stripline_lbla	L11/L9	3.50/7.50	3.30/7.70	100+/-10%
L12	edge_coupled_coated_microstrip_lb	L11	6.50/8.00	6.50/8.00	85+/-10%
L12	edge_coupled_coated_microstrip_lb	L11	6.00/9.00	6.00/9.00	90+/-10%
L12	edge_coupled_coated_microstrip_lb	L11	5.00/10.00	4.80/10.20	100+/-10%