










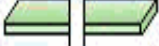











Impedance & Stackup Report

Single Ended							
Index	Layer	Imp Model	Ref Layer	Orginal LW/LS(mil)	Adjusted LW/LS(mil)	Adjusted Imp(ohm)	Org Imp (ohm)
1	L1		L2	ORG_LW: 4.100	ADJ_LW: 4.100	49.91	50.0+/-10%
2	L1		L3	ORG_LW:14.000	ADJ_LW:14.000	49.12	50.0+/-10%
3	L3		L4/L2	ORG_LW: 3.200	ADJ_LW: 3.000	51.02	50.0+/-10%
4	L8		L7	ORG_LW: 4.100	ADJ_LW: 4.100	49.46	50.0+/-10%
Differential							
Index	Layer	Imp Model	Ref Layer	Orginal LW/LS(mil)	Adjusted LW/LS(mil)	Adjusted Imp(ohm)	Org Imp (ohm)
5	L1		L2	ORG_LW: 3.000 ORG_S: 6.000	ADJ_LW: 3.000 ADJ_S: 6.000	99.08	100.0+/-10%
6	L1		L2	ORG_LW: 3.600 ORG_S: 4.900	ADJ_LW: 3.600 ADJ_S: 4.900	89.10	90.0+/-10%
7	L1		L2	ORG_LW: 4.200 ORG_S: 4.800	ADJ_LW: 4.000 ADJ_S: 5.000	85.99	85.0+/-10%
8	L8		L7	ORG_LW: 3.000 ORG_S: 6.000	ADJ_LW: 3.000 ADJ_S: 6.000	98.50	100.0+/-10%
9	L8		L7	ORG_LW: 3.600 ORG_S: 4.900	ADJ_LW: 3.600 ADJ_S: 4.900	88.58	90.0+/-10%
10	L8		L7	ORG_LW: 4.200 ORG_S: 4.800	ADJ_LW: 4.000 ADJ_S: 5.000	85.46	85.0+/-10%

Lyr	殘銅率_銅重	Image	Er	物料名称(mil)	客户要求(mil)
gtl	CU.(%):48 0.33OZ		0.00	三井 Foil 0.33oz	
			4.00	EM-827B 1080 RC65	2.99+0.71/-0.71mil
l2s			4.20	EM-827 3.94mil 1/1(不含銅)	
l3s	CU(%):78 1OZ CU(%):30 1OZ		4.00	EM-827B 1080 RC65	
			4.00	EM-827B 1080 RC65	4.92+0.98/-0.98mil
l4s			4.20	EM-827 11.81mil 1/1(不含銅)	
l5s	CU(%):74 1OZ CU(%):66 1OZ		4.00	EM-827B 1080 RC65	
			4.00	EM-827B 1080 RC65	4.92+0.98/-0.98mil
l6s			4.20	EM-827 3.94mil 1/1(不含銅)	
l7s	CU(%):67 1OZ CU(%):74 1OZ		4.00	EM-827B 1080 RC65	2.99+0.71/-0.71mil
gbl	CU.(%):52 0.33OZ		0.00	三井 Foil 0.33oz	

Impedance & Stackup Report

Finish Board Thickness(mil): 47.24+ 4.72/- 4.72