






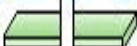






## Impedance & Stackup Report

Single Ended							
Index	Layer	Imp Model	Ref Layer	Original LW/LS(mil)	Adjusted LW/LS(mil)	Adjusted Imp(ohm)	Org Imp (ohm)
1	L1		L2	ORG_LW: 5.400	ADJ_LW: 4.860	49.74	50.0+/-10%
2	L3		L4/L2	ORG_LW: 5.000	ADJ_LW: 5.079	50.11	50.0+/-10%
3	L6		L5/L7	ORG_LW: 5.000	ADJ_LW: 5.079	50.35	50.0+/-10%
4	L8		L7	ORG_LW: 5.400	ADJ_LW: 4.860	49.74	50.0+/-10%
Differential							
Index	Layer	Imp Model	Ref Layer	Original LW/LS(mil)	Adjusted LW/LS(mil)	Adjusted Imp(ohm)	Org Imp (ohm)
5	L1		L2	ORG_LW: 5.400 ORG_S: 6.100	ADJ_LW: 5.644 ADJ_S: 5.856	84.99	85.0+/-10%
6	L1		L2	ORG_LW: 4.100 ORG_S: 6.900	ADJ_LW: 4.058 ADJ_S: 6.943	100.00	100.0+/-10%
7	L1		L2	ORG_LW: 5.000 ORG_S: 5.700	ADJ_LW: 4.886 ADJ_S: 5.814	90.00	90.0+/-10%
8	L3		L4/L2	ORG_LW: 4.600 ORG_S: 6.400	ADJ_LW: 4.300 ADJ_S: 6.700	100.00	100.0+/-10%
9	L6		L5/L7	ORG_LW: 4.600 ORG_S: 6.400	ADJ_LW: 4.325 ADJ_S: 6.675	100.00	100.0+/-10%
10	L6		L5/L7	ORG_LW: 5.000 ORG_S: 5.700	ADJ_LW: 5.163 ADJ_S: 5.537	90.01	90.0+/-10%
11	L8		L7	ORG_LW: 5.000 ORG_S: 5.700	ADJ_LW: 4.886 ADJ_S: 5.814	90.00	90.0+/-10%
12	L8		L7	ORG_LW: 5.400 ORG_S: 6.100	ADJ_LW: 5.644 ADJ_S: 5.856	84.99	85.0+/-10%
13	L8		L7	ORG_LW: 4.100 ORG_S: 6.900	ADJ_LW: 4.058 ADJ_S: 6.943	100.00	100.0+/-10%

# Impedance & Stackup Report

Lyr	铜层率_铜厚	Image	Er	物料名称(mil)	客户要求(mil)
gtl	CU(%):38 0.33OZ		0.00	三井 Foil 0.33oz	finished 1oz.
			4.00	IT180ABS 2113 RC58	3.54+0.71/-0.71mil
l2s			4.35	IT180A 7.87mil 1/1(不含铜)	7.87+1.5/-1.5mil[8layer-hfp-101]
l3s	CU(%):80 1OZ		3.79	IT180ABS 1080H RC68	
	CU(%):47 1OZ		3.79	IT180ABS 1080H RC68	5.79+0.98/-0.98mil
l4s			4.35	IT180A 16.14mil 1/1(不含铜)	16.14+1.97/-1.97mil[8layer-hfp-102]
l5s	CU(%):80 1OZ		3.79	IT180ABS 1080H RC68	
	CU(%):80 1OZ		3.79	IT180ABS 1080H RC68	5.79+0.98/-0.98mil
l6s			4.35	IT180A 7.87mil 1/1(不含铜)	7.87+1.5/-1.5mil[8layer-hfp-103]
l7s	CU(%):55 1OZ		4.00	IT180ABS 2113 RC58	3.54+0.71/-0.71mil
	CU(%):80 1OZ		0.00	三井 Foil 0.33oz	finished 1oz.
gbl	CU(%):45 0.33OZ		0.00	三井 Foil 0.33oz	finished 1oz.

Finish Board Thickness(mil): 62.99+ 6.30/- 6.30

Pressed Thickness(mil): 58.53