

昊邦电子

Engineering Confirmation Note Layer stackup & impedance

ect :Questions about the stack and the impedance value

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Stackup Information:

Layer	Info	Thickness
TOP	=====	0.35 OZ+Plating
	IT180-PP 1080	2.95 (mil)
L2	=====	H Oz
	IT180-Core	51.2(mil)
L3	=====	H Oz
	IT180-PP 1080	2.95 (mil)
BOT	=====	0.35 OZ+Plating

Finished:	61.7(6/-6) mil	1.57+0.15/-0.15) MM
Designed:	62 mil	1.6 MM
Material:	IT180	

Impedance Information:

Ctrl	Ref	Imp_type	Cust_req	Imp_req	HB_des	Imp_des	mask	H1	Er1	H2	Er2
L1	L2	Differential	4.25/5.55	90+/-10%	4.25/5.55	90.32		2.95	4.2		
L1	L2	Single-Ended	4.5	50+/-10%	4.5	49.77		2.95	4.2		
L1	L2	Single-Ended	19.875	20+/-10%	19.875	19.86		2.95	4.2		
L4	L3	Differential	4.25/5.55	90+/-10%	4.25/5.55	90.32		2.95	4.2		
L4	L3	Single-Ended	4.5	50+/-10%	4.5	49.77		2.95	4.2		

Remark :

Customer Reply:

Date::

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Accept:

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Disapprove:

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