

Stackup / Impedance Report



Job: ISpeed
Revision:
Engr: mthiel

Laminate Type ISpeed
Minimum Tg 0
Min Td 0
MOT 0
PLC Code 0
T260 Min 0
T288 Min 0
Slash Sheet
Laminate Color Natural

Customer: Analog Devices, Inc.
Part No.:
Part Rev:

Layer	Thickness (Inch)	Stackup Picture	Family	Description	Type
M-1	0.0010		SM-Std	SM-Std	
L-1	0.0019		Cu-Std	.5 + Std	comp - Cu-Std
	0.0060		ISpeed	1080	
			ISpeed	1080	
L-2	0.0006		Cu-Std	.5	plane_t
	0.0025		ISpeed	0.0025	
L-3	0.0006		Cu-Std	.5	plane_b
	0.0027		ISpeed	1080	
L-4	0.0006		Cu-Std	.5	plane_t
	0.0025		ISpeed	0.0025	
L-5	0.0006		Cu-Std	.5	plane_b
	0.0041		ISpeed	3313	
	0.0140		ISpeed	0.014	
	0.0041		ISpeed	3313	
L-6	0.0006		Cu-Std	.5	plane_t
	0.0025		ISpeed	0.0025	
L-7	0.0006		Cu-Std	.5	plane_b
	0.0027		ISpeed	1080	
L-8	0.0006		Cu-Std	.5	plane_t
	0.0025		ISpeed	0.0025	
L-9	0.0006		Cu-Std	.5	plane_b
	0.0060		ISpeed	1080	
			ISpeed	1080	
L-10	0.0019		Cu-Std	.5 + Std	solder - Cu-Std
M-2	0.0010		SM-Std	SM-Std	

0.0602 Total Expected Thickness
After Lamination

+ -

Drill/Rout Files:A: D-1

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Requirements Information in Inch

Top Layer	Bottom Layer	Required Thickness	Tol +	Tol -	Calculated Thickness
After Lamination		0.0000			0.0556
Incl.Plating		0.0620	0.0062	0.0062	0.0582

Comments

Concise Impedance Constraint Information Line Widths inInch

#	Impedance Type Name	Picture	Aff Layer	Designed Width	Edited Width	Cntr to Cntr	Ref Planes	Target ohms	Predicted ohms
1	Surface MS		L-1 None	0.01	0.01		None L-2	50 +/- 5.0	49.71
2	EC Microstrip		L-1 None	0.005	0.005	0.0095	None L-2	100 +/- 9.0	99.48
3	EC Microstrip		L-1 None	0.009	0.009	0.021	None L-2	100 +/- 9.0	97.55
4	Surface MS		L-10 None	0.01	0.01		None L-9	50 +/- 5.0	49.71
5	EC Microstrip		L-10 None	0.005	0.005	0.0095	None L-9	100 +/- 9.0	99.48
6	EC Microstrip		L-10 None	0.009	0.009	0.021	None L-9	100 +/- 9.0	97.55