

6 Layer Stackup

Please modify the variables below and then click on the 'Calculate' button to find the Characteristic Impedance and Differential Impedance of the traces

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Layer	Material Type	Dielectric Thickness	Trace Width	Trace Separation (edge to edge)	Copper Thickness	Dielectric Constant	Characteristic Impedance (Zo)	Differential Impedance (Zdiff)
1	Conductive	.	4.5	5.	1.1	.	58	100
.	Dielectric	3.93	.	.	.	4.3	.	.
2	Conductive	.	.	.	1.4	.	.	.
.	Dielectric	5,895	.	.	.	4.3	.	.
3	Conductive	.	4.15	6	0.5	.	56	99
.	Dielectric	5,895	.	.	.	4.3	.	.
4	Conductive	.	4.15	6	0.5	.	56	99
.	Dielectric	5,895	.	.	.	4.3	.	.
5	Conductive	.	.	.	1.4	.	.	.
.	Dielectric	7	.	.	.	4.7	.	.
6	Conductive	.	7	7	0.7	.	66	108

Please click [here](#) to choose a different layer stackup.