

iMX6 TinyRex Baseboard Lite V1I1 - Stackup & Impedances

Date:	23-Oct-15
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Stackup Description

	Foil (oz)	Plating (mil)	Thickness (mil)	Total Thickness (mil)	Total Thickness (um)	Er
L1	0.33	0.8		1.2521	31.80	
Prepreg			4.64	4.64	117.86	4.3
L2	0.5			0.685	17.40	
Core			5.5	5.5	139.70	3.95
L3	0.5			0.685	17.40	
Prepreg			35.11	35.11	891.79	4.45
L4	0.5			0.685	17.40	
Core			5.5	5.5	139.70	3.95
L5	0.5			0.685	17.40	
Prepreg			4.64	4.64	117.86	4.3
L6	0.33	0.8		1.2521	31.80	
Total Thickness				60.63	1540.11	

Track Geometry

		Width (mil)	Space (mil)	Width (um)	Space(um)
L1,L6	DIFF90	6	6.99	152.40	177.55
	DIFF100	5.4	10.51	137.16	266.95
	SE55	5.4		137.16	
L3	DIFF90	6.7	7.6	170.18	193.04
	DIFF100	6	11.09	152.40	281.69
	SE55	5.9		149.86	

Notes:
