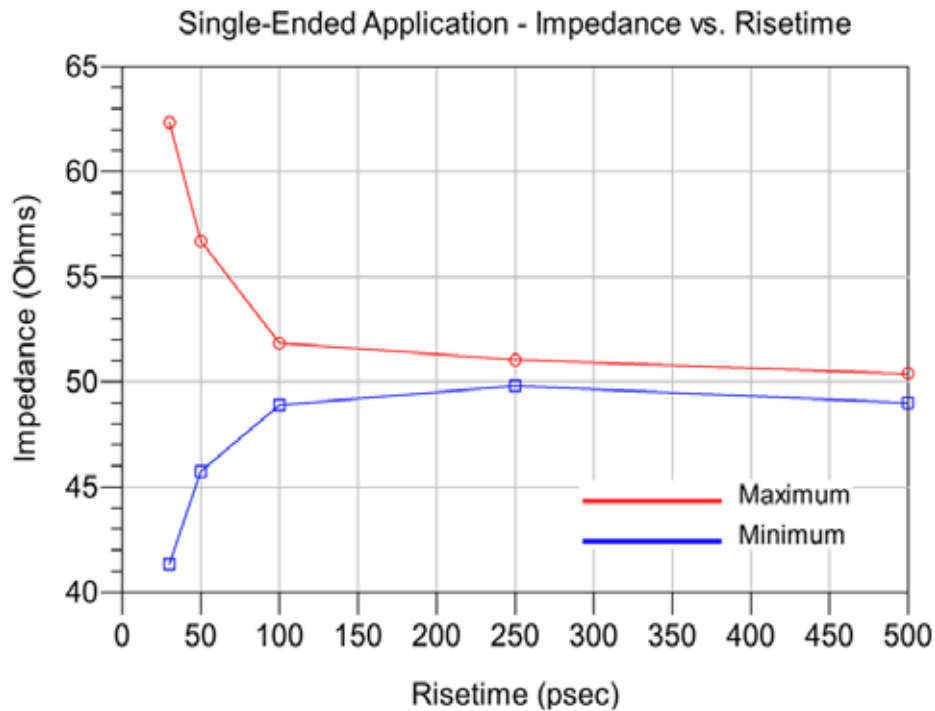


Series: LSEM

Description: Board-to-Board, 0.8mm (.0315") Pitch, , 6mm (0.2362") Stack Height

Time Domain Data Summary

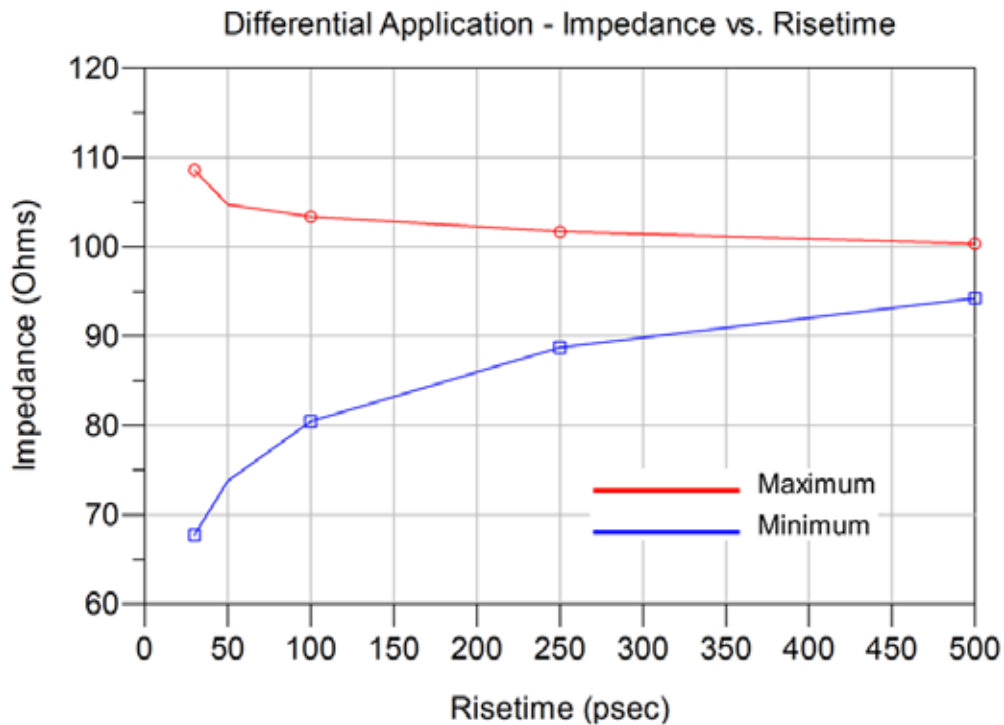
Table 3 – Single-End Impedance (Ω)						
Case	Signal Risetime	30 ps	50 ps	100 ps	250 ps	500 ps
1	Maximum Impedance	62.3	56.7	51.8	51.1	50.4
	Minimum Impedance	41.3	45.8	48.9	49.8	48.9



Series: LSEM

Description: Board-to-Board, 0.8mm (.0315") Pitch, , 6mm (0.2362") Stack Height

Table 4 - Differential Impedance (Ω)						
Case	Signal Risetime	30 ps	50 ps	100 ps	250 ps	500 ps
1	Maximum Impedance	127.1	109.8	104.3	103.0	101.5
	Minimum Impedance	62.7	65.9	74.8	87.3	93.5
2	Maximum Impedance	127.0	110.1	104.3	103.0	101.5
	Minimum Impedance	62.8	66.2	75.0	87.4	93.6



Series: LSEM

Description: Board-to-Board, 0.8mm (.0315") Pitch, , 6mm (0.2362") Stack Height

Table 5 - Single-Ended Crosstalk (%)							
Case	Input(tr)		30ps	50 ps	100 ps	250 ps	500 ps
1	NEXT	GAQG	18.5	17.5	14.0	7.2	3.8
		GAGQG	3.0	2.5	1.9	1.0	0.5
		Xrow	3.5	2.9	2.0	1.0	0.5
	FEXT	GAQG	5.9	4.3	2.7	1.2	0.7
		GAGQG	4.4	2.9	1.4	0.5	0.2
		Xrow	3.2	1.5	0.4	0.2	0.1

Table 6 - Differential Crosstalk (%)							
Case	Input(tr)		30ps	50 ps	100 ps	250 ps	500 ps
1	NEXT	GAAQQG	5.3	5.0	4.2	2.3	1.3
		GAAGQQG	0.6	0.5	0.3	0.2	0.1
		Xrow	0.9	0.7	0.5	0.2	0.1
	FEXT	GAAQQG	1.1	0.9	0.7	0.3	0.2
		GAAGQQG	1.1	0.8	0.4	0.1	<0.1
		Xrow	0.5	0.3	0.1	<0.1	<0.1

Table 7 - Propagation Delay (Mated Connector)		
Case 1	Single-Ended	90 ps
	Differential	88 ps