

Series: QFS/QMS

Description: Micro High Speed Board-to-Board, 0.635mm Pitch, 14mm (0.5512") Stack Height

Time Domain Data Summary

Table 3 - Single-Ended Impedance (Ω)					
Signal Rise-time	30ps	50ps	100ps	250ps	500ps
Maximum Impedance	53.8	53.6	53.2	52.5	51.3
Minimum Impedance	34.6	36.9	41.1	44.4	46.7

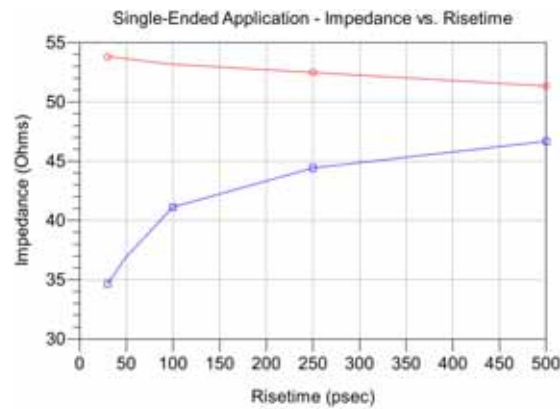
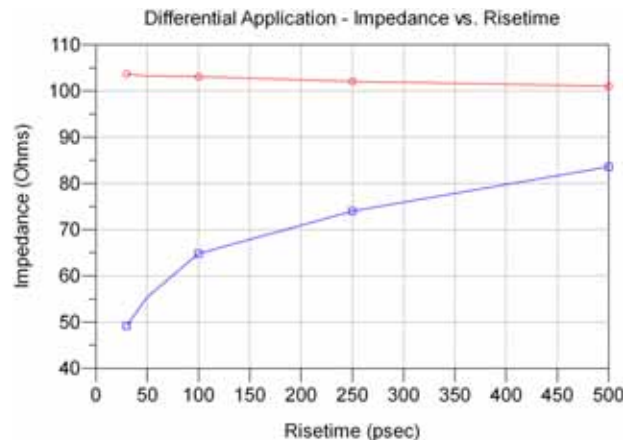


Table 4 - Differential Impedance (Ω)					
Signal Rise-time	30ps	50ps	100ps	250ps	500ps
Maximum Impedance	103.7	103.3	103.1	102.1	101.0
Minimum Impedance	49.2	55.4	64.8	74.0	83.6



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Table 5 - Single-Ended Crosstalk (%)						
Input(tr)		30ps	50ps	100ps	250ps	500ps
NEXT	GAQG	21.32	20.20	19.35	13.22	7.66
	GAGQG	2.54	2.13	1.82	1.15	0.70
	Xrow	1.00	0.45	0.17	<0.1	<0.1
FEXT	GAQG	4.60	2.58	0.95	0.54	0.34
	GAGQG	2.54	1.78	0.88	0.30	0.15
	Xrow	0.60	0.37	0.15	<0.1	<0.1

Table 6 - Differential Crosstalk (%)						
Input(tr)		30ps	50ps	100ps	250ps	500ps
NEXT	GAAQQG	6.11	5.86	5.67	4.08	2.49
	GAAGQQG	0.44	0.38	0.31	0.21	0.13
	Xrow	<0.1	<0.1	<0.1	<0.1	<0.1
FEXT	GAAQQG	2.48	2.01	1.42	0.99	0.54
	GAAGQQG	0.32	0.17	0.13	<0.1	<0.1
	Xrow	<0.1	<0.1	<0.1	<0.1	<0.1

Table 7 - Propagation Delay (Mated Connector)	
Single-Ended	95 ps
Differential	84 ps