

**TABLE 3 CALCULATED DIFFERENTIAL-NOISE MARGINS FOR SINGLE- AND MIXED-TECHNOLOGY**

	Driver LVDS	Driver Bus-based LVDS	Driver M-LVDS	Driver LVDS	Driver Bus-based LVDS	Driver M-LVDS	Driver M-LVDS
	Receiver LVDS	Receiver Bus-based LVDS	Receiver M-LVDS	Receiver M-LVDS	Receiver M-LVDS	Receiver LVDS	Receiver Bus-based LVDS
<b>Noise-margin parameters</b>							
Input threshold voltage (mV)	100	100	50	50	50	100	100
Differential voltage (V)	247	200 to 247	480	247	200 to 247	480	480
Minimum output-differential voltage normalized to a 100Ω load (mV)	247	494 to 741	960	247	494 to 741	960	960
Minimum output-differential voltage normalized to a 40Ω load (mV)	100	200 to 300	400	100	200 to 300	400	400
Noise margin with a 100Ω load (mV)	147	394 to 641	910	197	444 to 691	860	860
Noise margin with a 40Ω load (mV)	0	100 to 200	350	50	150 to 250	300	300