

TABLE 1 COMPARISON OF MAJOR LVDS-FAMILY SPECS

	LVDS TIA/EIA-644A	Bus-based LVDS Nonstandard	M-LVDS TIA/EIA-899
Driver parameters			
Test load (Ω)	100	27 to 50	50
Output differential voltage (V_{OD}) (mV)	350	350	565
Driver output current (I_{OD}) (mA)	3.5	7 to 11.1	11.3
V_{OD} normalized (100Ω)	350 mV	700 mV to 1.11V	1.13V
Steady-state-output common-mode voltage ($V_{OC(SS)}$) (V)		1.2	1.2 to 1.3
Receiver parameters			
Input threshold voltage (V_{ITH}) (mV)	100	100	50
Common-mode voltage (V_{ICM}) (V)	0 to 2.4	0 to 2.4	-1 to 3.4
Voltage-potential difference (V_{GPD}) (V)	1	1	2
Fail-safe operation	Nonstandard	Nonstandard	Type 2-standard compliant
Supported architecture	Point-to-point, multidrop	Multipoint	True multipoint