

**TABLE 1 DDR3 VERSUS DDR2**

	<b>DDR2</b>	<b>DDR3/DDR3L</b>
Rated speed (Mbps)	400 to 800	800 to 1600
Drain-to-drain voltage/supply voltage (V)	1.8±0.1	1.5±0.075 (DDR3)/ 1.35+0.1/−0.7 (DDR3L)
Internal banks	Four	Eight
Termination	Limited	All DQ signals
Topology	Conventional T	Fly-by
Driver	OCD calibration	Self-calibration with ZQ
Thermal	No	Optional