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Specifications and Characteristics

Specifications

Probes	Minimum Swing:	600 mV peak-to-peak.	
	Threshold Accuracy:	<u>Voltage Range</u>	<u>Accuracy</u>
		-2.0V to +2.0V	±150 mV
		-9.9V to -2.1V	±300 mV
		+2.1V to +9.9V	±300 mV
	Dynamic Range:	± 10 volts about the threshold.	

State Mode	Clock Repetition Rate:	Single phase is 25 MHz maximum. With time or state counting, minimum time between states is 60 ns. Both mixed and demultiplexed clocking use master-slave clock timing; master clock must follow slave clock by at least 10 ns and precede the next slave clock by >50 ns.
	Clock Pulse Width:	≥10 ns at threshold.
	Setup Time:	Data must be present prior to clock transition, ≥ 10 ns.
	Hold Time:	Data must be present after rising clock transition on all pods; 0 ns. Data must be present after falling clock transition on pods 1,3 and 5; 0 ns. Data must be present after falling clock transition on pods 2 and 4; 1 ns.

Timing Mode	Minimum Detectable Glitch:	5 ns wide at the threshold.
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