

 **Logic Probe**

Parameter	Model	SPL2016	Parameter	Model	SPL1016
					
Channels		16	Channels		16
Input Impedance		100 K $\Omega$   18 PF	Input Impedance		100 K $\Omega$   8 pF
Max. Input Voltage		$\pm$ 50 V peak	Max. Input Voltage		$\pm$ 20 V peak
Threshold Groupings		Pod 2: D15-D8 Pod 1: D7-D0	Threshold Groupings		Pod 2: D15-D8 Pod 1: D7-D0
Threshold Selections		TTL (1.5 V), COMS (2.5 V) , 3.3 V_LVCOMS (1.65 V), 2.5 V_LVCOS (1.25 V)	Threshold Selections		TTL (1.5 V), COMS (2.5 V), 3.3 V_LVCOMS (1.65 V), 2.5 V_LVCOS (1.25 V)
User defined threshold range		$\pm$ 3 V in 10 mv steps	User defined threshold range		$\pm$ 3 V in 10 mv steps
Threshold Accuracy		$\pm$ ( 3%*Threshold+200 mv )	Threshold Accuracy		$\pm$ ( 3%*Threshold+150 mv )
Input Dynamic Range		$\pm$ 20 V	Input Dynamic Range		$\pm$ 10 V
Min. Input Voltage Swing		800 mVp	Min. Input Voltage Swing		800 mVpp
Max. Input Frequency		Probe: 150 MHz Line: 50 MHz	Max. Input Frequency		60 MHz
Min. Detectable Pulse Width		3.3 ns	Min. Detectable Pulse Width		8.3 ns
Channel Skew		$\pm$ (1 digital sample interval)	Channel Skew		$\pm$ (1 digital sample interval)

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