

6.13 Switching Characteristics, $V_{CCA} = 3.3 \pm 0.3 \text{ V}$

See [Figure 5](#) and [Table 1](#) for test circuit and loading. See [Figure 6](#), [Figure 7](#), and [Figure 8](#) for measurement waveforms.

PARAMETER		FROM	TO	Test Condtions	B-Port Supply Voltage (V _{CCB})																UNIT
					0.7 ± 0.05 V		0.8 ± 0.04 V		0.9 ± 0.045 V		1.2 ± 0.1 V		1.5 ± 0.1 V		1.8 ± 0.15 V		2.5 ± 0.2 V		3.3 ± 0.3 V		
					MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	
t _{pd}	Propagation delay	A	B	−40°C to 85°C	0.5	10	0.5	9	0.5	9	0.5	8	0.5	6	0.5	6	0.5	5	0.5	5	ns
				−40°C to 125°C	0.5	10	0.5	9	0.5	9	0.5	8	0.5	6	0.5	6	0.5	5	0.5	5	
		B	A	−40°C to 85°C	0.5	221	0.5	40	0.5	24	0.5	12	0.5	10	0.5	7	0.5	6	0.5	5	
				−40°C to 125°C	0.5	221	0.5	40	0.5	24	0.5	12	0.5	10	0.5	7	0.5	6	0.5	5	
t _{dis}	Disable time	OE	A	−40°C to 85°C	0.5	16	0.5	16	0.5	16	0.5	16	0.5	16	0.5	16	0.5	16	0.5	16	ns
				−40°C to 125°C	0.5	16	0.5	16	0.5	16	0.5	16	0.5	16	0.5	16	0.5	16	0.5	16	
		OE	B	−40°C to 85°C	0.5	115	0.5	89	0.5	72	0.5	26	0.5	19	0.5	17	0.5	14	0.5	16	
				−40°C to 125°C	0.5	117	0.5	89	0.5	72	0.5	27	0.5	20	0.5	18	0.5	14	0.5	16	