

■ AC CHARACTERISTICS ($V_{EE} = -2.2$ to -2.8 V, $V_{CC} = V_{CCA} = 2.0$ V)

● HD100160

Item	Symbol	Test Condition	0°C		25°C			85°C		Unit	
			min	max	min	typ	max	min	max		
Propagation Delay Time	t_{PLH}, t_{PHL}	See test circuit and waveform	I_{oa}, I_{ob} to Z_a, Z_b	1.20	3.50	1.30	2.50	3.60	1.30	3.60	ns
			I_{oa}, I_{ob} to \bar{C}	1.10	2.65	1.20	2.00	2.75	1.20	2.75	
			I_a, I_b to Z_a, Z_b	0.50	1.20	0.60	0.90	1.30	0.60	1.30	
Transition Time	t_{TLH}, t_{THL}		0.40	1.40	0.40	0.90	1.40	0.40	1.40	ns	

● HD100160F

Item	Symbol	Test Condition	0°C		25°C			85°C		Unit	
			min	max	min	typ	max	min	max		
Propagation Delay Time	t_{PLH}, t_{PHL}	See test circuit and waveform	I_{oa}, I_{ob} to Z_a, Z_b	1.20	3.60	1.30	2.30	3.75	1.30	3.75	ns
			I_{oa}, I_{ob} to \bar{C}	1.10	2.80	1.20	1.90	2.90	1.20	2.90	
			I_a, I_b to Z_a, Z_b	0.50	1.20	0.60	0.80	1.30	0.60	1.30	
Transition Time	t_{TLH}, t_{THL}		0.35	1.30	0.35	0.75	1.30	0.35	1.30	ns	

Note: The circuits in a test socket or mounted on a printed circuit board and transverse air flow greater than 2.5m/s (500 linear fpm) is maintained.