

■DC CHARACTERISTICS ($V_{EE} = -4.2$ to -4.8V , $V_{CC} = V_{CCA} = \text{GND}$, $T_a = 0$ to $+85^\circ\text{C}$)

Item	Symbol	Test Condition	min	typ	max	Unit
Supply Current	I_{EE}	All input open	76	109	153	mA
Input Current	I_{in}	$V_{IX} = V_{IH \text{ max}}$			265	μA
		A_n, B_n input			340	μA

Note) As for other item, refer to the "Common DC Characteristics".

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

●HD100163

Item	Symbol	Test Condition	0℃		25℃			85℃		Unit	
			min	max	min	typ	max	min	max		
Propagation Delay Time	t_{PLH}, t_{PHL}	See test circuit and waveform	A _n , B _n input to output	0.60	1.30	0.60	0.95	1.40	0.60	1.40	ns
			S _n input to output	1.25	2.45	1.30	1.75	2.50	1.30	2.50	
Transition Time	t_{FRL}, t_{FHL}			0.55	1.70	0.55	1.20	1.70	0.55	1.70	ns

●HD100163F

Item	Symbol	Test Condition		0℃		25℃			85℃		Unit
				min	max	min	typ	max	min	max	
Propagation Delay Time	t_{PLH}, t_{PHL}	See test circuit and waveform	A _n , B _n input to output	0.70	1.40	0.80	0.95	1.50	0.80	1.50	ns
			S _n input to output	1.30	2.40	1.40	1.75	2.50	1.40	2.50	
Transition Time	t_{FRL}, t_{FHL}			0.55	1.60	0.55	1.10	1.60	0.55	1.60	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.