



Switching Characteristics at VCC = 5 V, TA = 25°C

Device	Conditions	tPLH (ns) Propagation Delay Time, Low-To-High Output			tPHL (ns) Propagation Delay Time, High-To-Low Output			
		Min	Typ	Max	Min	Typ	Max	
00, 10	CL = 15 pF, RL = 400 Ω		11	22		7	15	
04, 20			12	22		8	15	
30			13	22		8	15	
H00	CL = 25 pF, RL = 280 Ω		5.9	10		6.2	10	
H04			6	10		6.5	10	
H10			5.9	10		6.3	10	
H20			6	10		7	10	
H30			6.8	10		8.9	12	
L00, L04 L10, L20		CL = 50 pF, RL = 4 kΩ		35	60		31	60
L30			35	60		70	100	
LS00, LS04			3	5	10	3	5	10
LS10, LS20	CL = 15 pF, RL = 2 kΩ		4	15	4	8	15	
LS30			4	7	12	4	7	15
			5	9	18	5	11	20
S00, S04	CL = 15 pF, RL = 280 Ω		2	3	4.5	2	3	5
S10, S20			2	4.5	7	2	5	8
S30, S133			2	4	6	2	4.5	7
		2	5.5	8	3	6.5	10	

Supply Currents

Device	ICCH (mA) Total With Outputs High		ICCL (mA) Total With Outputs Low	
	Typ	Max	Typ	Max
00	4	8	12	22
04	6	12	18	33
10	3	6	9	16.5
20	2	4	6	11
30	1	2	3	6
H00	10	16.8	26	40
H04	16	26	40	58
H10	7.5	12.6	19.5	30
H20	5	8.4	13	20
H30	2.5	4.2	6.5	10
L00	0.44	0.8	1.16	2.04
L04	0.60	1.2	1.74	3.06
L10	0.33	0.6	0.87	1.53
L20	0.22	0.4	0.58	1.02
L30	0.11	0.2	0.29	0.51
LS00	0.8	1.6	2.4	4.4
LS04	1.2	2.4	3.6	6.6
LS10	0.6	1.2	1.8	3.3
LS20	0.4	0.8	1.2	2.2
LS30	0.35	0.5	0.6	1.1
S00	10	16	20	36
S04	15	24	30	54
S10	7.5	12	15	27
S20	5	8	10	18
S30	3	5	5.5	10
S133	3	5	5.5	10

Handwritten notes:
 54/7A
 7A