

74VHC373

TRUTH TABLE

Inputs			Outputs
LE	\overline{OE}	D_n	O_n
X	H	X	Z
H	L	L	L

74VHC373

PC	
	Unit
	V
	V
PC	V
	V

74VHC373

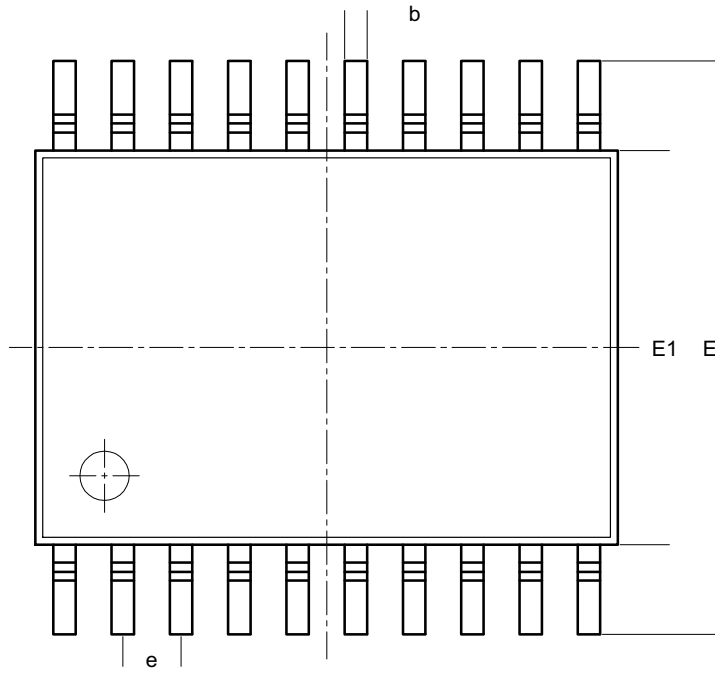
AC ELECTRICAL CHARACTERISTICS

Symbol	Parameter	Conditions	V _{CC} (V)	T _A = 25 °C			T _A = -40 °C to +85 °C		Unit	
				Min	Typ	Max	Min	Max		
t _{PLH} , t _{PHL}	Propagation Delay Time (LE to O _n)		C _L = 15 pF	3.3 ±0.3	-	7.0	11.0	1.0	13.0	ns
			C _L = 50 pF		-	9.5	14.5	1.0	16.5	
			C _L = 15 pF	5.0 ±0.5	-	4.9	7.2	1.0	8.5	ns
			C _L = 50 pF		-	6.4	9.2	1.0	10.5	
t _{PLH} , t _{PHL}	Propagation Delay Time (D to O _n)		C _L = 15 pF	3.3 ±0.3	-	7.3	11.4	1.0	13.5	ns
			C _L = 50 pF		-	9.8	14.9	1.0	17.0	
			C _L = 15 pF	5.0 ±0.5	-	5.0	7.2	1.0	8.5	ns
			C _L = 50 pF		-	6.5	9.2	1.0	10.5	
t _{PZL} , t _{PZH}	3-STATE Output Enable Time	R _L = 1 kΩ	C _L = 15 pF	3.3 ±0.3	-	7.3	11.4	1.0	13.5	ns
			C _L = 50 pF		-	9.8	14.9	1.0	17.0	
			C _L = 15 pF	5.0 ±0.5	-	5.5	8.1	1.0	9.5	ns
			C _L = 50 pF		-	7.0	10.1	1.0	11.5	

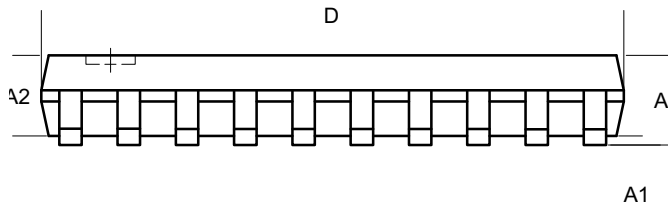
t_{PLZ}

TSSOP20, 4.4x6.5
CASE 948AQ
ISSUE A

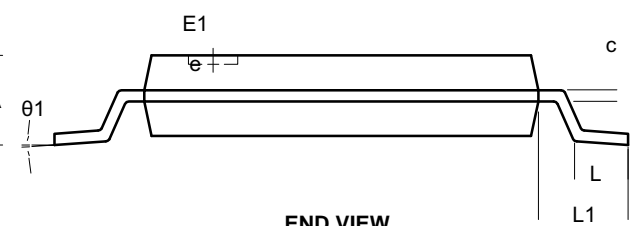
DATE 19 MAR 2009



TOP VIEW



SIDE VIEW



END VIEW

SYMBOL	MIN	NOM	MAX
A			
A1			
A2			
b			
c			
D			
E			
E1			
e			
L1E1A2			
θ_1			

c

D

E

E1

c

θ_1

L

L1

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