# 74HC373; 74HCT373

## Octal D-type transparent latch; 3-state

Rev. 8 — 6 September 2021

**Product data sheet** 

## 1. General description

The 74HC373; 74HCT373 is an octal D-type transparent latch with 3-state outputs. The device features latch enable (LE) and output enable ( $\overline{OE}$ ) inputs. When LE is HIGH, data at the inputs enter the latches. In this condition the latches are transparent, a latch output will change each time its corresponding D-input changes. When LE is LOW the latches store the information that was present at the inputs a set-up time preceding the HIGH-to-LOW transition of LE. A HIGH on  $\overline{OE}$  causes the outputs to assume a high-impedance OFF-state. Operation of the  $\overline{OE}$  input does not affect the state of the latches. Inputs include clamp diodes. This enables the use of current limiting resistors to interface inputs to voltages in excess of  $V_{CC}$ .

## 2. Features and benefits

- Wide supply voltage range from 2.0 V to 6.0 V
- CMOS low power dissipation
- · High noise immunity
- · Latch-up performance exceeds 100 mA per JESD 78 Class II Level B
- · Complies with JEDEC standards:
  - JESD8C (2.7 V to 3.6 V)
  - JESD7A (2.0 V to 6.0 V)
- Input levels:
  - For 74HC373: CMOS level
  - For 74HCT373: TTL level
- 3-state non-inverting outputs for bus oriented applications
- Common 3-state output enable input
- ESD protection:
  - HBM JESD22-A114F exceeds 2000 V
  - MM JESD22-A115-A exceeds 200 V
- Multiple package options
- Specified from -40 °C to +85 °C and from -40 °C to +125 °C

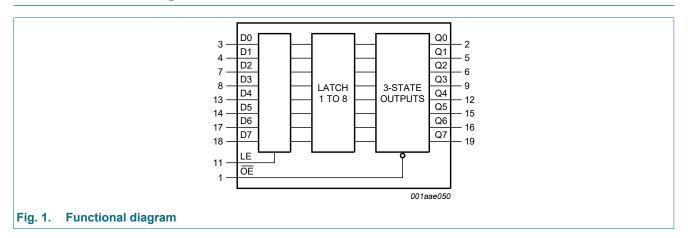
## 3. Ordering information

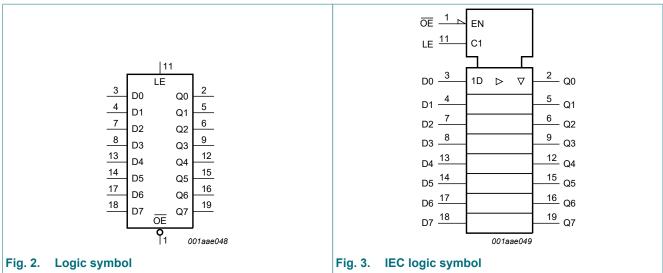
**Table 1. Ordering information** 

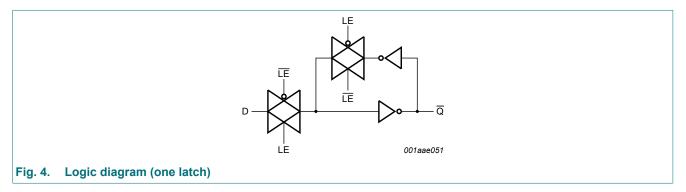
Type number	Package									
	Temperature range	Name	Description	Version						
74HC373D	-40 °C to +125 °C	SO20	plastic small outline package; 20 leads;	SOT163-1						
74HCT373D			body width 7.5 mm							
74HC373PW	-40 °C to +125 °C	TSSOP20	plastic thin shrink small outline package; 20 leads;	SOT360-1						
74HCT373PW			body width 4.4 mm							
74HC373BQ	-40 °C to +125 °C	DHVQFN20	plastic dual in-line compatible thermal enhanced	SOT764-1						
74HCT373BQ			very thin quad flat package; no leads; 20 terminals; body 2.5 × 4.5 × 0.85 mm							



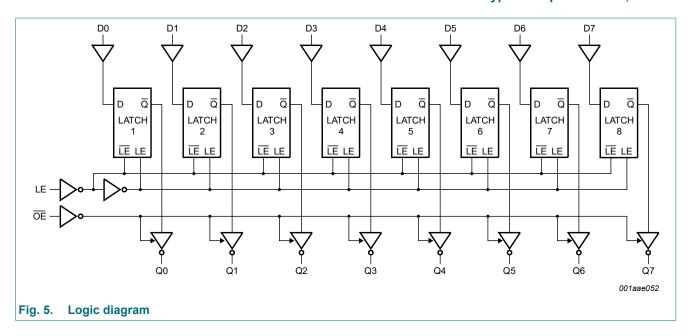
## 4. Functional diagram





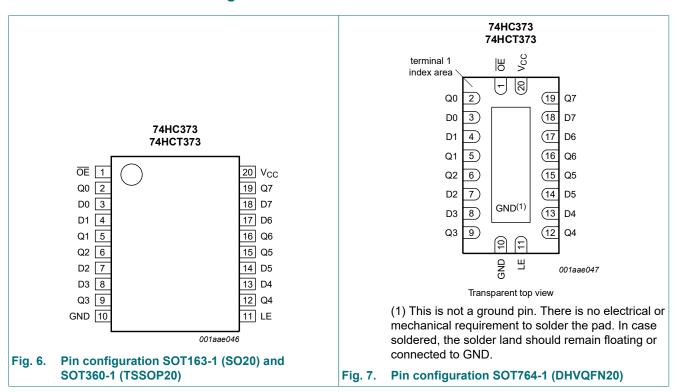


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## 5. Pinning information

### 5.1. Pinning



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## 5.2. Pin description

Table 2. Pin description

Symbol	Pin	Description
ŌĒ	1	3-state output enable input (active LOW)
Q0, Q1, Q2, Q3, Q4, Q5, Q6, Q7	2, 5, 6, 9, 12, 15, 16, 19	3-state latch output
D0, D1, D2, D3, D4, D5, D6, D7	3, 4, 7, 8, 13, 14, 17, 18	data input
GND	10	ground (0 V)
LE	11	latch enable input (active HIGH)
V <sub>CC</sub>	20	supply voltage

## 6. Functional description

#### **Table 3. Functional description**

 $H = HIGH \ voltage \ level; \ h = HIGH \ voltage \ level \ one \ set-up \ time \ prior \ to \ the \ HIGH-to-LOW \ LE \ transition;$ 

 $L = LOW \ voltage \ level; \ I = LOW \ voltage \ level \ one \ set-up \ time \ prior \ to \ the \ HIGH-to-LOW \ LE \ transition;$ 

X = don't care; Z = high-impedance OFF-state.

Operating mode	Control		Input	Internal latches	Output
	OE	LE	Dn		Qn
Enable and read register	L	Н	L	L	L
(transparent mode)			Н	Н	Н
Latch and read register	L	L	I	L	L
			h	Н	Н
Latch register and disable outputs	Н	Х	Х	Х	Z

## 7. Limiting values

### **Table 4. Limiting values**

In accordance with the Absolute Maximum Rating System (IEC 60134). Voltages are referenced to GND (ground = 0 V).

Symbol	Parameter	Conditions	Min	Max	Unit
$V_{CC}$	supply voltage		-0.5	+7	V
I <sub>IK</sub>	input clamping current	$V_{I} < -0.5 \text{ V or } V_{I} > V_{CC} + 0.5 \text{ V}$	-	±20	mA
I <sub>OK</sub>	output clamping current	$V_{O}$ < -0.5 V or $V_{O}$ > $V_{CC}$ + 0.5 V	-	±20	mA
Io	output current	$V_O = -0.5 \text{ V to } (V_{CC} + 0.5 \text{ V})$	-	±35	mA
I <sub>CC</sub>	supply current		-	+70	mA
I <sub>GND</sub>	ground current		-	-70	mA
T <sub>stg</sub>	storage temperature		-65	+150	°C
P <sub>tot</sub>	total power dissipation	[1]	-	500	mW

<sup>[1]</sup> For SOT163-1 (SO20) package:  $P_{tot}$  derates linearly with 12.3 mW/K above 109 °C.

For SOT360-1 (TSSOP20) package:  $P_{tot}$  derates linearly with 10.0 mW/K above 100  $^{\circ}\text{C}.$ 

For SOT764-1 (DHVQFN20) package: Ptot derates linearly with 12.9 mW/K above 111 °C.

## 8. Recommended operating conditions

#### Table 5. Recommended operating conditions

Voltages are referenced to GND (ground = 0 V)

Symbol	Parameter	Conditions		74HC373			74HCT373			
			Min	Тур	Max	Min	Тур	Max		
V <sub>CC</sub>	supply voltage		2.0	5.0	6.0	4.5	5.0	5.5	V	
VI	input voltage		0	-	V <sub>CC</sub>	0	-	V <sub>CC</sub>	V	
Vo	output voltage		0	-	V <sub>CC</sub>	0	-	V <sub>CC</sub>	V	
T <sub>amb</sub>	ambient temperature		-40	+25	+125	-40	+25	+125	°C	
Δt/ΔV	input transition rise and fall rate	V <sub>CC</sub> = 2.0 V	-	-	625	-	-	-	ns/V	
		V <sub>CC</sub> = 4.5 V	-	1.67	139	-	1.67	139	ns/V	
		V <sub>CC</sub> = 6.0 V	-	-	83	-	-	-	ns/V	

## 9. Static characteristics

#### **Table 6. Static characteristics**

At recommended operating conditions; voltages are referenced to GND (ground = 0 V).

Symbol	Parameter	Conditions	T <sub>ar</sub>	<sub>nb</sub> = 25	°C		-40 °C 5 °C	T <sub>amb</sub> = -40 °C to 125 °C		Unit
			Min	Тур	Max	Min	Max	Min	Max	
74HC37	3			•						
V <sub>IH</sub>	HIGH-level input	V <sub>CC</sub> = 2.0 V	1.5	1.2	-	1.5	-	1.5	-	V
	voltage	V <sub>CC</sub> = 4.5 V	3.15	2.4	-	3.15	-	3.15	-	V
		V <sub>CC</sub> = 6.0 V	4.2	3.2	-	4.2	-	4.2	-	V
V <sub>IL</sub>	LOW-level input	V <sub>CC</sub> = 2.0 V	-	0.8	0.5	-	0.5	-	0.5	V
	voltage	V <sub>CC</sub> = 4.5 V	-	2.1	1.35	-	1.35	-	1.35	V
		V <sub>CC</sub> = 6.0 V	-	2.8	1.8	-	1.8	-	1.8	V
V <sub>OH</sub>	HIGH-level output	V <sub>I</sub> = V <sub>IH</sub> or V <sub>IL</sub>	-	-	-					
	voltage	I <sub>O</sub> = -20 μA; V <sub>CC</sub> = 2.0 V	1.9	2.0	-	1.9	-	1.9	-	V
		$I_{O} = -20 \mu A; V_{CC} = 4.5 V$	4.4	4.5	-	4.4	-	4.4	-	V
		I <sub>O</sub> = -20 μA; V <sub>CC</sub> = 6.0 V	5.9	6.0	-	5.9	-	5.9	-	V
		$I_{O}$ = -6.0 mA; $V_{CC}$ = 4.5 V	3.98	4.32	-	3.84	-	3.7	-	V
		$I_{O}$ = -7.8 mA; $V_{CC}$ = 6.0 V	5.48	5.81	-	5.34	-	5.2	-	V
V <sub>OL</sub>	LOW-level output	V <sub>I</sub> = V <sub>IH</sub> or V <sub>IL</sub>								
	voltage	I <sub>O</sub> = 20 μA; V <sub>CC</sub> = 2.0 V	-	0	0.1	-	0.1	-	0.1	V
		I <sub>O</sub> = 20 μA; V <sub>CC</sub> = 4.5 V	-	0	0.1	-	0.1	-	0.1	V
		I <sub>O</sub> = 20 μA; V <sub>CC</sub> = 6.0 V	-	0	0.1	-	0.1	-	0.1	V
		$I_{O}$ = 6.0 mA; $V_{CC}$ = 4.5 V	-	0.15	0.26	-	0.33	-	0.4	V
		$I_{O}$ = 7.8 mA; $V_{CC}$ = 6.0 V	-	0.16	0.26	-	0.33	-	0.4	V
I <sub>I</sub>	input leakage current	$V_I = V_{CC}$ or GND; $V_{CC} = 6.0 \text{ V}$	-	-	±0.1	-	±1.0	-	±1.0	μΑ
l <sub>OZ</sub>	OFF-state output current	$V_I = V_{IH}$ or $V_{IL}$ ; $V_{CC} = 6.0 \text{ V}$ ; $V_O = V_{CC}$ or GND	-	-	±0.5	-	±5.0	-	±10.0	μΑ
I <sub>CC</sub>	supply current	V <sub>CC</sub> = 6.0 V; I <sub>O</sub> = 0 A; V <sub>I</sub> = V <sub>CC</sub> or GND	-	-	8.0	-	80	-	160	μΑ

Symbol	Parameter	Conditions	Tai	<sub>nb</sub> = 25	°C		-40 °C 5 °C		-40 °C 25 °C	Unit
			Min	Тур	Max	Min	Max	Min	Max	
Cı	input capacitance		-	3.5	-	-	-	-	-	pF
74HCT3	73		·					•		
V <sub>IH</sub>	HIGH-level input voltage	V <sub>CC</sub> = 4.5 V to 5.5 V	2.0	1.6	-	2.0	-	2.0	-	V
$V_{IL}$	LOW-level input voltage	V <sub>CC</sub> = 4.5 V to 5.5 V	-	1.2	8.0	-	0.8	-	0.8	V
V <sub>OH</sub>	HIGH-level output	V <sub>I</sub> = V <sub>IH</sub> or V <sub>IL</sub>								
	voltage	I <sub>O</sub> = -20 μA; V <sub>CC</sub> = 4.5 V	4.4	4.5	-	4.4	-	4.4	-	V
		I <sub>O</sub> = -6.0 mA; V <sub>CC</sub> = 4.5 V	3.98	4.32	-	3.84	-	3.7	-	V
$V_{OL}$	LOW-level output	V <sub>I</sub> = V <sub>IH</sub> or V <sub>IL</sub>								
	voltage	I <sub>O</sub> = 20 μA; V <sub>CC</sub> = 4.5 V	-	0.0	0.1	-	0.1	-	0.1	V
		I <sub>O</sub> = 6.0 mA; V <sub>CC</sub> = 4.5 V	-	0.16	0.26	-	0.33	-	0.4	V
l <sub>l</sub>	input leakage current	$V_I = V_{CC}$ or GND; $V_{CC} = 5.5 \text{ V}$	-	-	±0.1	-	±1.0	-	±1.0	μΑ
I <sub>OZ</sub>	OFF-state output current	$V_I = V_{IH}$ or $V_{IL}$ ; $V_{CC} = 5.5$ V; $V_O = V_{CC}$ or GND	-	-	±0.5	-	±5.0	-	±10	μΑ
I <sub>CC</sub>	supply current	$V_I = V_{CC}$ or GND; $I_O = 0$ A; $V_{CC} = 5.5$ V	-	-	8.0	-	80	-	160	μΑ
ΔI <sub>CC</sub>	additional supply current	$V_I = V_{CC} - 2.1 \text{ V};$ other inputs at $V_{CC}$ or GND; $V_{CC} = 4.5 \text{ V}$ to $5.5 \text{ V}; I_O = 0 \text{ A}$								
		Dn	-	30	108	-	135	-	147	μΑ
		LE	-	150	540	-	675	-	735	μΑ
		ŌĒ	-	100	360	-	450	-	490	μΑ
Cı	input capacitance		-	3.5	-	-	-	-	-	pF

## 10. Dynamic characteristics

### **Table 7. Dynamic characteristics**

Voltages are referenced to GND (ground = 0 V);  $C_L$  = 50 pF unless otherwise specified; for test circuit see Fig. 12.

Symbol	Parameter	Conditions	T <sub>amb</sub> = 25 °C		T <sub>amb</sub> = -40 °C to +85 °C		T <sub>amb</sub> = -40 °C to +125 °C		Unit	
			Min	Тур	Max	Min	Max	Min	Max	
74HC37	74HC373									
t <sub>pd</sub>	propagation	Dn to Qn; see Fig. 8 [1]								
	delay	V <sub>CC</sub> = 2.0 V	-	41	150	-	190	-	225	ns
		V <sub>CC</sub> = 4.5 V	-	15	30	-	38	-	45	ns
		V <sub>CC</sub> = 5 V; C <sub>L</sub> = 15 pF	-	12	-	-	-	-	-	ns
		V <sub>CC</sub> = 6.0 V	-	12	26	-	33	-	38	ns
		LE to Qn; see Fig. 9								
		V <sub>CC</sub> = 2.0 V	-	50	175	-	220	-	265	ns
		V <sub>CC</sub> = 4.5 V	-	18	35	-	44	-	53	ns
		V <sub>CC</sub> = 5 V; C <sub>L</sub> = 15 pF	-	15	-	-	-	-	-	ns
		V <sub>CC</sub> = 6.0 V	-	14	30	-	37	-	45	ns

Symbol	Parameter	Conditions		Tai	<sub>mb</sub> = 25	°C		-40 °C 85 °C	T <sub>amb</sub> = -40 °C to +125 °C		Unit
				Min	Тур	Max	Min	Max	Min	Max	
t <sub>en</sub>	enable time	OE to Qn; see Fig. 10	[2]								
		V <sub>CC</sub> = 2.0 V		-	44	150	-	190	-	225	ns
		V <sub>CC</sub> = 4.5 V		-	16	30	-	38	-	45	ns
		V <sub>CC</sub> = 6.0 V		-	13	26	-	33	-	38	ns
t <sub>dis</sub>	disable time	OE to Qn; see Fig. 10	[3]								
		V <sub>CC</sub> = 2.0 V		-	47	150	-	190	-	225	ns
		V <sub>CC</sub> = 4.5 V		-	17	30	-	38	-	45	ns
		V <sub>CC</sub> = 6.0 V		-	14	26	-	33	-	38	ns
t <sub>t</sub>	transition time	Qn; see Fig. 8 and Fig. 9	[4]								
		V <sub>CC</sub> = 2.0 V		-	14	60	-	75	-	90	ns
		V <sub>CC</sub> = 4.5 V		-	5	12	-	15	-	18	ns
		V <sub>CC</sub> = 6.0 V		-	4	10	-	13	-	15	ns
t <sub>W</sub>	pulse width	LE HIGH; see Fig. 9									
		V <sub>CC</sub> = 2.0 V		80	17	-	100	-	120	-	ns
		V <sub>CC</sub> = 4.5 V		16	6	-	20	-	24	-	ns
		V <sub>CC</sub> = 6.0 V		14	5	-	17	-	20	-	ns
t <sub>su</sub>	set-up time	Dn to LE; see Fig. 11									
		V <sub>CC</sub> = 2.0 V		50	14	-	65	-	75	-	ns
		V <sub>CC</sub> = 4.5 V		10	5	-	13	-	15	-	ns
		V <sub>CC</sub> = 6.0 V		9	4	-	11	-	13	-	ns
t <sub>h</sub>	hold time	Dn to LE; see Fig. 11									
		V <sub>CC</sub> = 2.0 V		+5	-8	-	5	-	5	-	ns
		V <sub>CC</sub> = 4.5 V		+5	-3	-	5	-	5	-	ns
		V <sub>CC</sub> = 6.0 V		+5	-2	-	5	-	5	-	ns
C <sub>PD</sub>	power dissipation capacitance	per latch; $V_I$ = GND to $V_{CC}$	[5]	-	45	-	-	-	-	-	pF
74HCT3	73									•	
t <sub>pd</sub>	propagation	Dn to Qn; see Fig. 8	[1]								
	delay	V <sub>CC</sub> = 4.5 V		-	17	30	-	38	-	45	ns
		$V_{CC} = 5 \text{ V}; C_L = 15 \text{ pF}$		-	14	-	-	-	-	-	ns
		LE to Qn; see Fig. 9									
		V <sub>CC</sub> = 4.5 V		-	16	32	-	40	-	48	ns
		$V_{CC} = 5 \text{ V}; C_L = 15 \text{ pF}$		-	13	-	-	-	-	-	ns
t <sub>en</sub>	enable time	OE to Qn; V <sub>CC</sub> = 4.5 V; see <u>Fig. 10</u>	[2]	-	19	32	-	40	-	48	ns
t <sub>dis</sub>	disable time	OE to Qn; V <sub>CC</sub> = 4.5 V; see <u>Fig. 10</u>	[3]	-	18	30	-	38	-	45	ns
t <sub>t</sub>	transition time	Qn; V <sub>CC</sub> = 4.5 V; see <u>Fig. 8</u> and <u>Fig. 9</u>	[4]	-	5	12	-	15	-	18	ns

Symbol	Parameter	Conditions	Tai	T <sub>amb</sub> = 25 °C			-40 °C 35 °C	T <sub>amb</sub> = -40 °C to +125 °C		Unit
			Min	Тур	Max	Min	Max	Min	Max	
t <sub>W</sub>	pulse width	LE HIGH; V <sub>CC</sub> = 4.5 V; see <u>Fig. 9</u>	16	4	-	20	-	24	-	ns
t <sub>su</sub>	set-up time	Dn to LE; V <sub>CC</sub> = 4.5 V; see <u>Fig. 11</u>	12	6	-	15	-	18	-	ns
t <sub>h</sub>	hold time	Dn to LE; V <sub>CC</sub> = 4.5 V; see <u>Fig. 11</u>	4	-1	-	4	-	4	-	ns
C <sub>PD</sub>	power dissipation capacitance	per latch; [5] V <sub>I</sub> = GND to (V <sub>CC</sub> - 1.5 V)	-	41	-	-	-	-	-	pF

- [1]  $t_{pd}$  is the same as  $t_{PLH}$  and  $t_{PHL}$ .
- [2]  $t_{en}$  is the same as  $t_{PZH}$  and  $t_{PZL}$ .
- [3]  $t_{dis}$  is the same as  $t_{PLZ}$  and  $t_{PHZ}$ .
- [4]  $t_t$  is the same as  $t_{THL}$  and  $t_{TLH}$ .
- [5]  $C_{PD}$  is used to determine the dynamic power dissipation ( $P_D$  in  $\mu$ W).

 $P_D = C_{PD} \times V_{CC}^2 \times f_i \times N + \Sigma (C_L \times V_{CC}^2 \times f_o)$  where:

 $f_i$  = input frequency in MHz;

f<sub>o</sub> = output frequency in MHz;

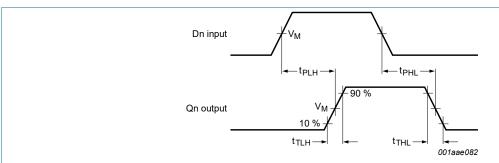
C<sub>L</sub> = output load capacitance in pF;

V<sub>CC</sub> = supply voltage in V;

N = number of inputs switching;

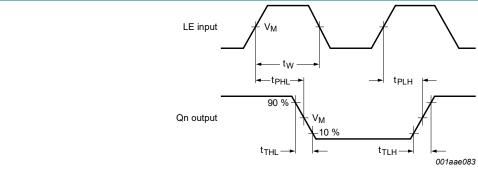
 $\Sigma(C_L \times V_{CC}^2 \times f_0) = \text{sum of outputs.}$ 

#### 10.1. Waveforms and test circuit



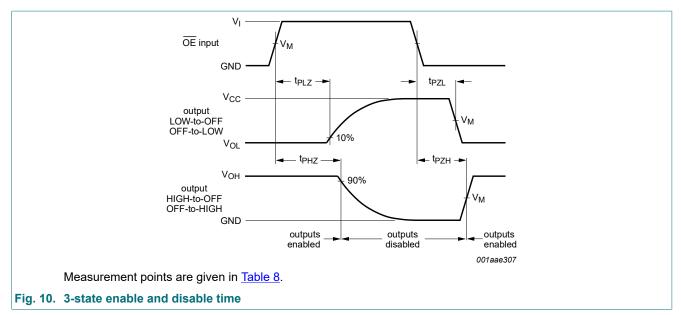
Measurement points are given in Table 8.

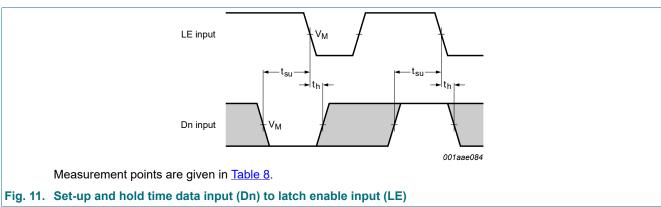
Fig. 8. Propagation delay input (Dn) to output (Qn) and transition time output (Qn)



Measurement points are given in Table 8.

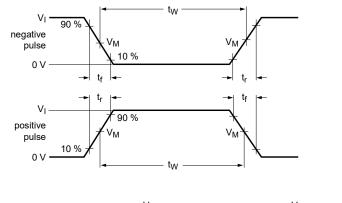
Fig. 9. Pulse width latch enable input (LE), propagation delay (LE) to output (Qn) and transition time output (Qn)

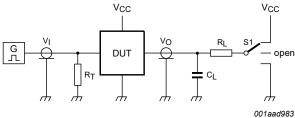




**Table 8. Measurement points** 

Туре	Input	Output
	$V_{M}$	V <sub>M</sub>
74HC373	0.5V <sub>CC</sub>	0.5V <sub>CC</sub>
74HCT373	1.3 V	1.3 V





Test data is given in Table 9.

Definitions test circuit:

 $R_T$  = Termination resistance should be equal to output impedance  $Z_o$  of the pulse generator

 $C_L$  = Load capacitance including jig and probe capacitance

R<sub>I</sub> = Load resistor

S1 = Test selection switch

Fig. 12. Test circuit for measuring switching times

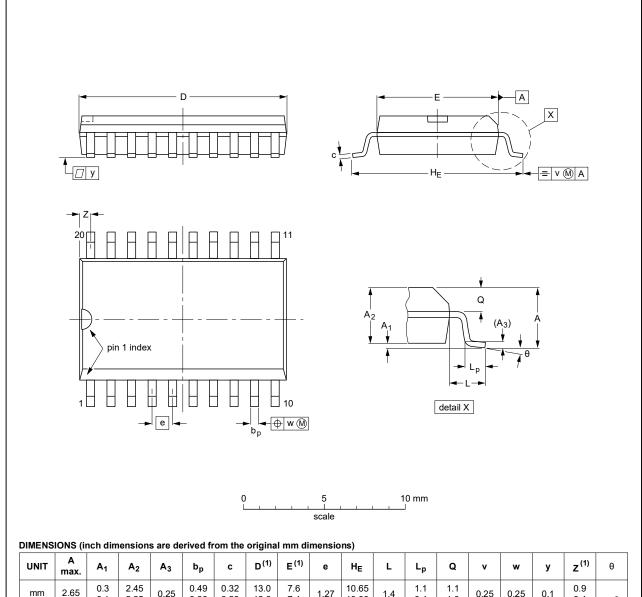
Table 9. Test data

Туре	Input		Load		S1 position		
	V <sub>I</sub>	t <sub>r</sub> , t <sub>f</sub>	C <sub>L</sub> R <sub>L</sub> t <sub>Pl</sub>		t <sub>PHL</sub> , t <sub>PLH</sub>	t <sub>PZH</sub> , t <sub>PHZ</sub>	t <sub>PZL</sub> , t <sub>PLZ</sub>
74HC373	V <sub>CC</sub>	6 ns	15 pF, 50 pF	1 kΩ	open	GND	V <sub>CC</sub>
74HCT373	3 V	6 ns	15 pF, 50 pF	1 kΩ	open	GND	V <sub>CC</sub>

## 11. Package outline

### SO20: plastic small outline package; 20 leads; body width 7.5 mm

SOT163-1



UNIT	max.	A <sub>1</sub>	A <sub>2</sub>	A <sub>3</sub>	b <sub>p</sub>	С	D <sup>(1)</sup>	E <sup>(1)</sup>	е	HE	L	Lp	ď	٧	w	у	Z <sup>(1)</sup>	θ
mm	2.65	0.3 0.1	2.45 2.25	0.25	0.49 0.36	0.32 0.23	13.0 12.6	7.6 7.4	1.27	10.65 10.00	1.4	1.1 0.4	1.1 1.0	0.25	0.25	0.1	0.9 0.4	8°
inches	0.1	0.012 0.004	0.096 0.089	0.01	0.019 0.014	0.013 0.009	0.51 0.49	0.30 0.29	0.05	0.419 0.394	0.055	0.043 0.016	0.043 0.039	0.01	0.01	0.004	0.035 0.016	0°

#### Note

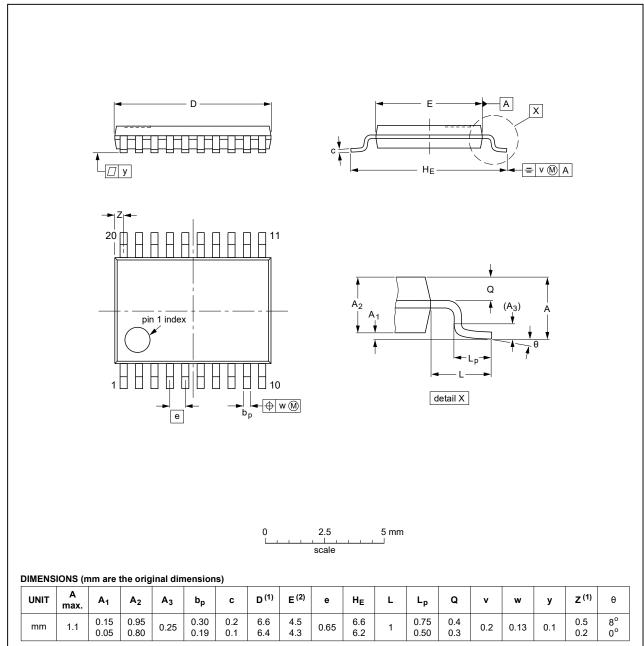
1. Plastic or metal protrusions of 0.15 mm (0.006 inch) maximum per side are not included.

OUTLINE		REFERENCES				ISSUE DATE	
VERSION	IEC	JEDEC	JEITA		PROJECTION	ISSUE DATE	
SOT163-1	075E04	MS-013				<del>99-12-27</del> 03-02-19	

Fig. 13. Package outline SOT163-1 (SO20)

TSSOP20: plastic thin shrink small outline package; 20 leads; body width 4.4 mm

SOT360-1



#### Notes

- 1. Plastic or metal protrusions of 0.15 mm maximum per side are not included.
- 2. Plastic interlead protrusions of 0.25 mm maximum per side are not included.

OUTLINE		REFER	EUROPEAN	ISSUE DATE		
VERSION	IEC	JEDEC	JEITA		PROJECTION	ISSUE DATE
SOT360-1		MO-153				<del>99-12-27</del> 03-02-19

Fig. 14. Package outline SOT360-1 (TSSOP20)

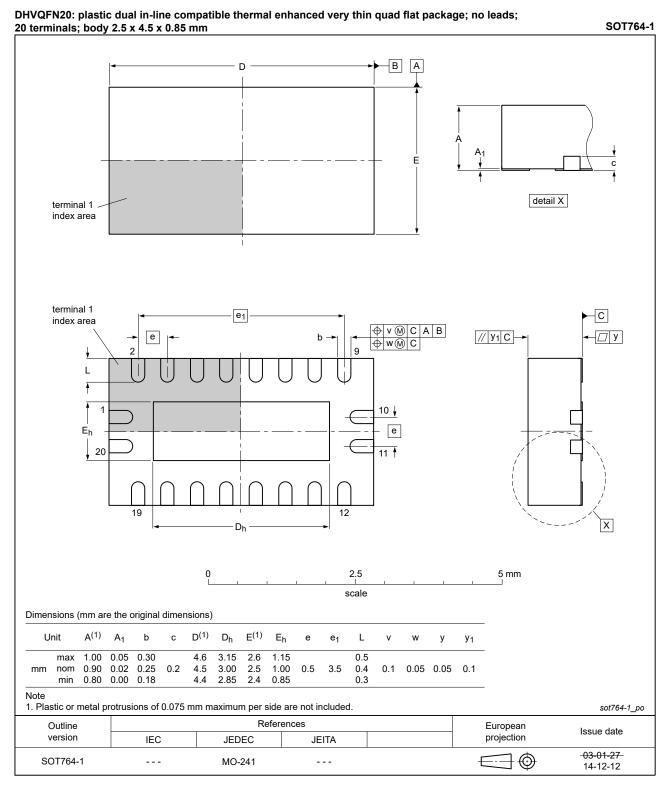


Fig. 15. Package outline SOT764-1 (DHVQFN20)

## 12. Abbreviations

#### **Table 10. Abbreviations**

Acronym	Description
CMOS	Complementary Metal Oxide Semiconductor
ESD	ElectroStatic Discharge
НВМ	Human Body Model
MM	Machine Model
TTL	Transistor-Transistor Logic

## 13. Revision history

#### Table 11. Revision history

Document ID	Release date	Data sheet status	Change notice	Supersedes
74HC_HCT373 v.8	20210906	Product data sheet	-	74HC_HCT373 v.7
Modifications:	Type number	er 74HC373DB (SOT339-1	/SSOP20) remove	ed.
74HC_HCT373 v.7	20200722	Product data sheet	-	74HC_HCT373 v.6
Modifications:	guidelines of Legal texts Type number	of this data sheet has beer of Nexperia. have been adapted to the oper 74HCT373DB (SOT339- rating values for P <sub>tot</sub> total p	new company nar 1/SSOP20) remo	ne where appropriate. ved.
74HC_HCT373 v.6	20160226	Product data sheet	-	74HC_HCT373 v.5
Modifications:	Type number	ers 74HC373N and 74HCT	373N (SOT146-1	removed.
74HC_HCT373 v.5	20111213	Product data sheet	-	74HC_HCT373 v.4
Modifications:	Legal pages	updated.		
74HC_HCT373 v.4	20100903	Product data sheet	-	74HC_HCT373 v.3
74HC_HCT373 v.3	20060120	Product data sheet	-	74HC_HCT373_CNV v.2
74HC_HCT373_CNV v.2	19970827	Product specification	-	-

## 14. Legal information

#### **Data sheet status**

Document status [1][2]	Product status [3]	Definition
Objective [short] data sheet	Development	This document contains data from the objective specification for product development.
Preliminary [short] data sheet	Qualification	This document contains data from the preliminary specification.
Product [short] data sheet	Production	This document contains the product specification.

- Please consult the most recently issued document before initiating or completing a design.
- [2] The term 'short data sheet' is explained in section "Definitions".
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