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74AHC573; 74AHCT573

Octal D-type transparant latch; 3-state

Rev. 7 — 8 November 2011 Product data sheet

1. General description

The 74AHC573; 74AHCT573 is a high-speed Si-gate CMOS device and is pin compatible with Low-power Schottky TTL (LSTTL). It is specified in compliance with JEDEC standard No. 7A.

The 74AHC573; 74AHCT573 consists of eight D-type transparent latches featuring separate D-type inputs for each latch and 3-state true outputs for bus oriented applications. A latch enable input (LE) and an output enable input ($\overline{OE}$) are common to all latches.

When pin LE is HIGH, data at the Dn inputs enters the latches. In this condition the latches are transparent, i.e. a latch output will change state each time its corresponding Dn input changes. When pin LE is LOW, the latches store the information that is present at the Dn inputs, after a set-up time preceding the HIGH-to-LOW transition of LE.

When pin $\overline{OE}$ is LOW, the contents of the 8 latches are available at the outputs. When pin $\overline{OE}$ is HIGH, the outputs go to the high-impedance OFF-state. Operation of the $\overline{OE}$ input does not affect the state of the latches.

The 74AHC573; 74AHCT573 is functionally identical to the 74AHC373; 74AHCT373, but has a different pin arrangement.

2. Features and benefits

- Balanced propagation delays
- All inputs have a Schmitt trigger action
- Common 3-state output enable input
- Functionally identical to the 74AHC373; 74AHCT373
- Inputs accept voltages higher than V_{CC}
- Input levels:
  - For 74AHC573: CMOS input level
  - For 74AHCT573: TTL input level
- ESD protection:
  - HBM EIA/JESD22-A114E exceeds 2000 V
  - MM EIA/JESD22-A115-A exceeds 200 V
  - CDM EIA/JESD22-C101C exceeds 1000 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
74AHC573				
74AHC573D	−40 °C to +125 °C	SO20	plastic small outline package; 20 leads; body width 7.5 mm	SOT163-1
74AHC573PW	−40 °C to +125 °C	TSSOP20	plastic thin shrink small outline package; 20 leads; body width 4.4 mm	SOT360-1
74AHC573BQ	−40 °C to +125 °C	DHVQFN20	plastic dual in-line compatible thermal enhanced very thin quad flat package no leads; 20 terminals; body 2.5 × 4.5 × 0.85 mm	SOT764-1
74AHCT573				
74AHCT573D	−40 °C to +125 °C	SO20	plastic small outline package; 20 leads; body width 7.5 mm	SOT163-1
74AHCT573PW	−40 °C to +125 °C	TSSOP20	plastic thin shrink small outline package; 20 leads; body width 4.4 mm	SOT360-1
74AHCT573BQ	−40 °C to +125 °C	DHVQFN20	plastic dual in-line compatible thermal enhanced very thin quad flat package no leads; 20 terminals; body 2.5 × 4.5 × 0.85 mm	SOT764-1

4. Functional diagram

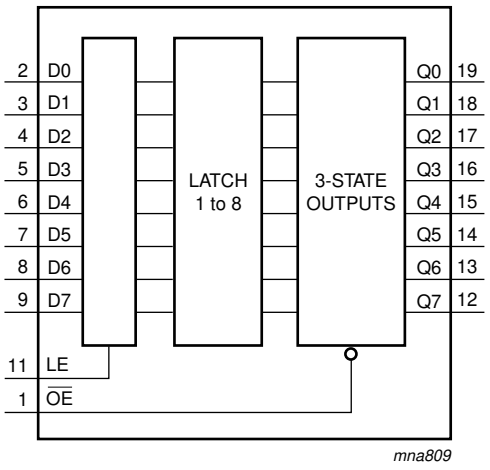


Fig 1. Functional diagram

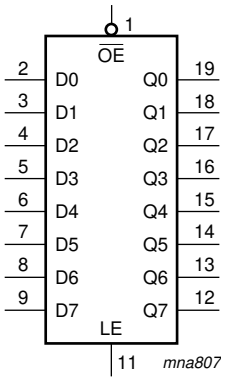


Fig 2. Logic symbol

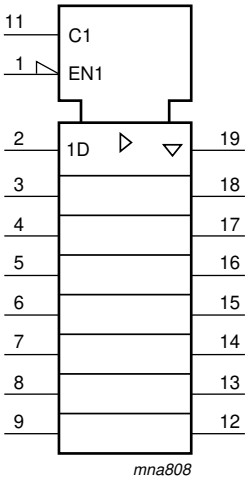


Fig 3. IEC logic symbol

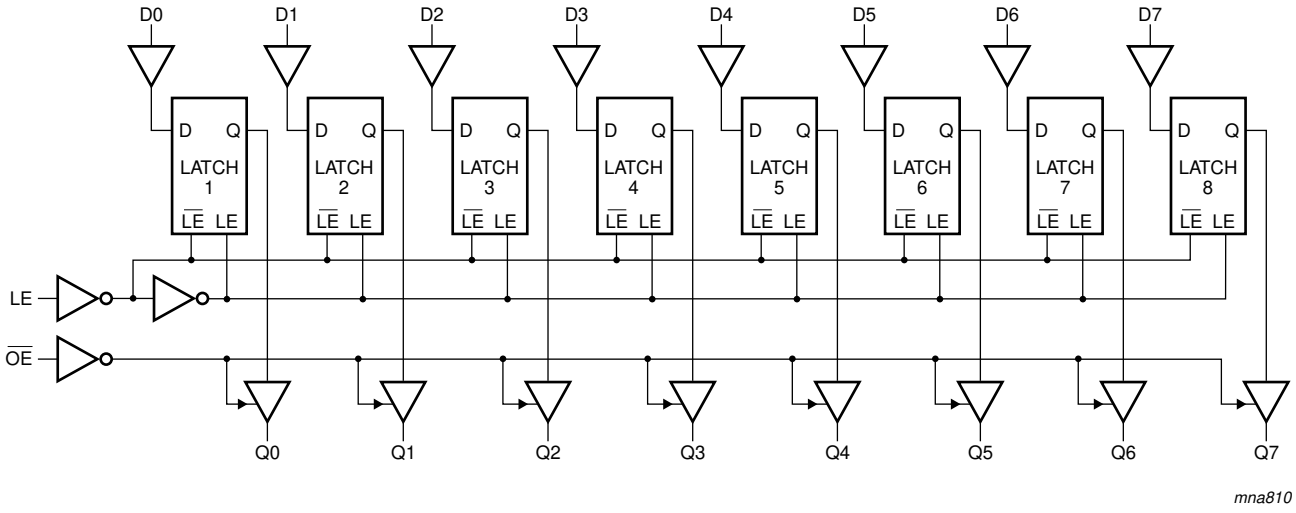


Fig 4. Logic diagram

5. Pinning information

5.1 Pinning

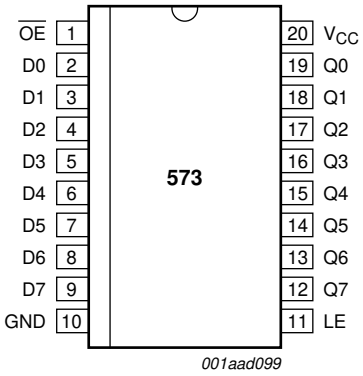
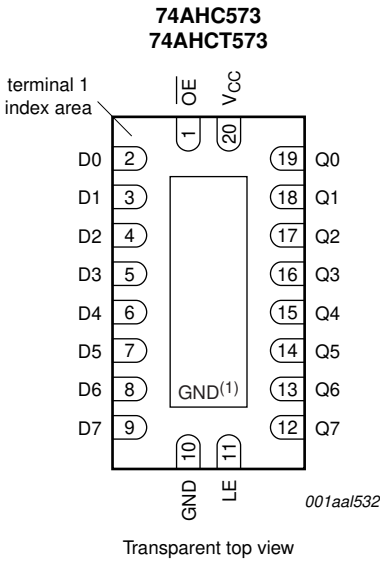


Fig 5. Pin configuration SO20 and TSSOP20



Transparent top view

(1) This is not a supply pin. The substrate is attached to this pad using conductive die attach material. There is no electrical or mechanical requirement to solder this pad. However, if it is soldered, the solder land should remain floating or be connected to GND.

Fig 6. Pin configuration DHVQFN20

5.2 Pin description

Table 2. Pin description

Symbol	Pin	Description
$\overline{OE}$	1	output enable input (active LOW)
D0 to D7	2, 3, 4, 5, 6, 7, 8, 9	data input
GND	10	ground (0 V)
LE	11	latch enable (active HIGH)
Q0 to Q7	19, 18, 17, 16, 15, 14, 13, 12	data output
V_{CC}	20	supply voltage

6. Functional description

Table 3. Function table[1]

Operating mode	Input			Internal latch	Output
	$\overline{OE}$	LE	Dn		Qn
Enable and read register (transparent mode)	L	H	L	L	L
			H	H	H
Latch and read register	L	L	l	L	L
			h	H	H
Latch register and disable outputs	H	L	l	L	Z
			h	H	Z

[1] H = HIGH voltage level;
h = HIGH voltage level one set-up time prior to the HIGH-to-LOW LE transition;
L = LOW voltage level;
l = LOW voltage level one set-up time prior to the HIGH-to-LOW LE transition;
Z = high-impedance OFF-state.

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	+7.0	V
V_I	input voltage			−0.5	+7.0	V
I_{IK}	input clamping current	$V_I < -0.5$ V	[1]	−20	-	mA
I_{OK}	output clamping current	$V_O < -0.5$ V or $V_O > V_{CC} + 0.5$ V	[1]	−20	+20	mA
I_O	output current	$V_O = -0.5$ V to $(V_{CC} + 0.5$ V)		−25	+25	mA
I_{CC}	supply current			-	+75	mA
I_{GND}	ground current			−75	-	mA
T_{stg}	storage temperature			−65	+150	°C
P_{tot}	total power dissipation	$T_{amb} = -40$ °C to +125 °C	[2]	-	500	mW

[1] The input and output voltage ratings may be exceeded if the input and output current ratings are observed.

[2] For SO20 packages: above 70 °C the value of P_{tot} derates linearly at 8 mW/K.
For TSSOP20 packages: above 60 °C the value of P_{tot} derates linearly at 5.5 mW/K.
For DHVQFN20 packages: above 60 °C the value of P_{tot} derates linearly with 4.5 mW/K.

8. Recommended operating conditions

Table 5. Operating conditions

Symbol	Parameter	Conditions	Min	Typ	Max	Unit
74AHC573						
V_{CC}	supply voltage		2.0	5.0	5.5	V
V_I	input voltage		0	-	5.5	V
V_O	output voltage		0	-	V_{CC}	V
T_{amb}	ambient temperature		−40	+25	+125	°C
$\Delta t/\Delta V$	input transition rise and fall rate	V_{CC} = 3.0 V to 3.6 V	-	-	100	ns/V
		V_{CC} = 4.5 V to 5.5 V	-	-	20	ns/V
74AHCT573						
V_{CC}	supply voltage		4.5	5.0	5.5	V
V_I	input voltage		0	-	5.5	V
V_O	output voltage		0	-	V_{CC}	V
T_{amb}	ambient temperature		−40	+25	+125	°C
$\Delta t/\Delta V$	input transition rise and fall rate	V_{CC} = 4.5 V to 5.5 V	-	-	20	ns/V

9. Static characteristics

Table 6. Static characteristics

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

Symbol	Parameter	Conditions	25 °C			−40 °C to +85 °C		−40 °C to +125 °C			Unit
			Min	Typ	Max	Min	Max	Min	Typ	Max	
74AHC573											
V_{IH}	HIGH-level input voltage	V_{CC} = 2.0 V	1.5	-	-	1.5	-	1.5	-	-	V
		V_{CC} = 3.0 V	2.1	-	-	2.1	-	2.1	-	-	V
		V_{CC} = 5.5 V	3.85	-	-	3.85	-	3.85	-	-	V
V_{IL}	LOW-level input voltage	V_{CC} = 2.0 V	-	-	0.5	-	0.5	-	-	0.5	V
		V_{CC} = 3.0 V	-	-	0.9	-	0.9	-	-	0.9	V
		V_{CC} = 5.5 V	-	-	1.65	-	1.65	-	-	1.65	V
V_{OH}	HIGH-level output voltage	V_I = V_{IH} or V_{IL}									
		I_O = −50 μA; V_{CC} = 2.0 V	1.9	2.0	-	1.9	-	1.9	-	-	V
		I_O = −50 μA; V_{CC} = 3.0 V	2.9	3.0	-	2.9	-	2.9	-	-	V
		I_O = −50 μA; V_{CC} = 4.5 V	4.4	4.5	-	4.4	-	4.4	-	-	V
		I_O = −4.0 mA; V_{CC} = 3.0 V	2.58	-	-	2.48	-	2.40	-	-	V
		I_O = −8.0 mA; V_{CC} = 4.5 V	3.94	-	-	3.80	-	3.70	-	-	V
V_{OL}	LOW-level output voltage	V_I = V_{IH} or V_{IL}									
		I_O = 50 μA; V_{CC} = 2.0 V	-	0	0.1	-	0.1	-	-	0.1	V
		I_O = 50 μA; V_{CC} = 3.0 V	-	0	0.1	-	0.1	-	-	0.1	V
		I_O = 50 μA; V_{CC} = 4.5 V	-	0	0.1	-	0.1	-	-	0.1	V
		I_O = 4.0 mA; V_{CC} = 3.0 V	-	-	0.36	-	0.44	-	-	0.55	V
		I_O = 8.0 mA; V_{CC} = 4.5 V	-	-	0.36	-	0.44	-	-	0.55	V

Table 6. Static characteristics *...continued*

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

Symbol	Parameter	Conditions	25 °C			−40 °C to +85 °C		−40 °C to +125 °C			Unit
			Min	Typ	Max	Min	Max	Min	Typ	Max	
I_{OZ}	OFF-state output current	$V_I = V_{IH}$ or V_{IL}; $V_O = V_{CC}$ or GND; V_{CC} = 5.5 V	-	-	±0.25	-	±2.5	-	-	±10.0	μA
I_I	input leakage current	$V_I = V_{CC}$ or GND; V_{CC} = 0 V to 5.5 V	-	-	0.1	-	1.0	-	-	2.0	μA
I_{CC}	supply current	$V_I = V_{CC}$ or GND; I_O = 0 A; V_{CC} = 5.5 V	-	-	4.0	-	40	-	-	80	μA
C_I	input capacitance	$V_I = V_{CC}$ or GND	-	3	10	-	10	-	-	10	pF
C_O	output capacitance		-	4	-	-	-	-	-	10	pF
74AHCT573											
V_{IH}	HIGH-level input voltage	V_{CC} = 4.5 V to 5.5 V	2.0	-	-	2.0	-	2.0	-	-	V
V_{IL}	LOW-level input voltage	V_{CC} = 4.5 V to 5.5 V	-	-	0.8	-	0.8	-	-	0.8	V
V_{OH}	HIGH-level output voltage	$V_I = V_{IH}$ or V_{IL}; V_{CC} = 4.5 V									
		I_O = −50 μA	4.4	4.5	-	4.4	-	4.4	-	-	V
		I_O = −8.0 mA	3.94	-	-	3.80	-	3.70	-	-	V
V_{OL}	LOW-level output voltage	$V_I = V_{IH}$ or V_{IL}; V_{CC} = 4.5 V									
		I_O = 50 μA	-	0	0.1	-	0.1	-	-	0.1	V
		I_O = 8.0 mA	-	-	0.36	-	0.44	-	-	0.55	V
I_{OZ}	OFF-state output current	$V_I = V_{IH}$ or V_{IL}; $V_O = V_{CC}$ or GND per input pin; other inputs at V_{CC} or GND; I_O = 0 A	-	-	±0.25	-	±2.5	-	-	±10.0	μA
I_I	input leakage current	V_I = 5.5 V or GND; V_{CC} = 0 V to 5.5 V	-	-	0.1	-	1.0	-	-	2.0	μA
I_{CC}	supply current	$V_I = V_{CC}$ or GND; I_O = 0 A; V_{CC} = 5.5 V	-	-	4.0	-	40	-	-	80	μA
ΔI_{CC}	additional supply current	per input pin; $V_I = V_{CC}$ − 2.1 V; I_O = 0 A; other pins at V_{CC} or GND; V_{CC} = 4.5 V to 5.5 V	-	-	1.35	-	1.5	-	-	1.5	mA
C_I	input capacitance	$V_I = V_{CC}$ or GND	-	3	10	-	10	-	-	10	pF
C_O	output capacitance		-	4	-	-	-	-	-	10	pF

10. Dynamic characteristics

Table 7. Dynamic characteristics

Voltages are referenced to GND (ground = 0 V); for test circuit see Figure 11.

Symbol	Parameter	Conditions		25 °C			−40 °C to +85 °C		−40 °C to +125 °C		Unit
				Min	Typ[1]	Max	Min	Max	Min	Max	
74AHC573											
t_{pd}	propagation delay	Dn to Qn; see Figure 7	[2]								
		V_{CC} = 3.0 V to 3.6 V									
		C_L = 15 pF		-	5.5	11.0	1.0	13.0	1.0	14.0	ns
		C_L = 50 pF		-	7.8	14.5	1.0	16.5	1.0	18.5	ns
		V_{CC} = 4.5 V to 5.5 V									
		C_L = 15 pF		-	3.9	6.8	1.0	8.0	1.0	8.5	ns
		C_L = 50 pF		-	5.5	8.8	1.0	10.0	1.0	11.0	ns
		LE to Qn; see Figure 8	[2]								
		V_{CC} = 3.0 V to 3.6 V									
		C_L = 15 pF		-	5.8	11.9	1.0	14.0	1.0	15.0	ns
		C_L = 50 pF		-	8.3	15.4	1.0	17.5	1.0	19.5	ns
		V_{CC} = 4.5 V to 5.5 V									
		C_L = 15 pF		-	4.2	7.7	1.0	9.0	1.0	10.0	ns
		C_L = 50 pF		-	5.9	9.7	1.0	11.0	1.0	12.5	ns
t_{en}	enable time	$\overline{OE}$ to Qn; see Figure 9	[3]								
		V_{CC} = 3.0 V to 3.6 V									
		C_L = 15 pF		-	5.8	11.5	1.0	13.5	1.0	14.5	ns
		C_L = 50 pF		-	8.3	15.0	1.0	17.0	1.0	19.0	ns
		V_{CC} = 4.5 V to 5.5 V									
		C_L = 15 pF		-	4.4	7.7	1.0	9.0	1.0	10.0	ns
		C_L = 50 pF		-	6.3	9.7	1.0	11.0	1.0	12.5	ns
t_{dis}	disable time	$\overline{OE}$ to Qn; see Figure 9	[4]								
		V_{CC} = 3.0 V to 3.6 V									
		C_L = 15 pF		-	6.8	11.0	1.0	13.0	1.0	14.0	ns
		C_L = 50 pF		-	9.7	14.5	1.0	16.5	1.0	18.5	ns
		V_{CC} = 4.5 V to 5.5 V									
		C_L = 15 pF		-	4.6	7.7	1.0	9.0	1.0	10.0	ns
		C_L = 50 pF		-	7.4	9.7	1.0	11.0	1.0	12.5	ns
t_W	pulse width	LE HIGH; see Figure 8									
		V_{CC} = 3.0 V to 3.6 V		5.0	-	-	5.0	-	5.0	-	ns
		V_{CC} = 4.5 V to 5.5 V		5.0	-	-	5.0	-	5.0	-	ns
t_{su}	set-up time	Dn to LE; see Figure 10									
		V_{CC} = 3.0 V to 3.6 V		3.5	-	-	3.5	-	3.5	-	ns
		V_{CC} = 4.5 V to 5.5 V		3.5	-	-	3.5	-	3.5	-	ns

Table 7. Dynamic characteristics *…continued*

Voltages are referenced to GND (ground = 0 V); for test circuit see Figure 11.

Symbol	Parameter	Conditions		25 °C			−40 °C to +85 °C		−40 °C to +125 °C		Unit
				Min	Typ[1]	Max	Min	Max	Min	Max	
t_h	hold time	Dn to LE; see Figure 10									
		V_{CC} = 3.0 V to 3.6 V		1.5	-	-	1.5	-	1.5	-	ns
		V_{CC} = 4.5 V to 5.5 V		1.5	-	-	1.5	-	1.5	-	ns
C_{PD}	power dissipation capacitance	f_i = 1 MHz; V_I = GND to V_{CC}	[5]	-	12	-	-	-	-	-	pF
74AHCT573; V_{CC} = 4.5 V to 5.5 V											
t_{pd}	propagation delay	Dn to Qn; see Figure 7	[2]								
		C_L = 15 pF		-	3.5	5.5	1	6.5	1	7.0	ns
		C_L = 50 pF		-	4.9	7.5	1	8.5	1	9.5	ns
		LE to Qn; see Figure 8	[2]								
		C_L = 15 pF		-	3.9	6.0	1	7.0	1	7.5	ns
		C_L = 50 pF		-	5.5	8.5	1	9.5	1	11.0	ns
t_{en}	enable time	$\overline{OE}$ to Qn; see Figure 9	[3]								
		C_L = 15 pF		-	4.1	6.5	1	7.5	1	8.5	ns
		C_L = 50 pF		-	5.9	8.5	1	10.0	1	11.0	ns
t_{dis}	disable time	$\overline{OE}$ to Qn; see Figure 9	[4]								
		C_L = 15 pF		-	4.5	6.5	1	7.5	1	8.5	ns
		C_L = 50 pF		-	6.4	9.0	1	10.0	1	11.5	ns
t_W	pulse width	LE HIGH; see Figure 8		5.0	-	-	5.0	-	5.0	-	ns
t_{su}	set-up time	Dn to LE; see Figure 10		3.5	-	-	3.5	-	3.5	-	ns
t_h	hold time	Dn to LE; see Figure 10		1.5	-	-	1.5	-	1.5	-	ns
C_{PD}	power dissipation capacitance	f_i = 1 MHz; V_I = GND to V_{CC}	[5]	-	18	-	-	-	-	-	pF

[1] Typical values are measured at nominal supply voltage (V_{CC} = 3.3 V and V_{CC} = 5.0 V).

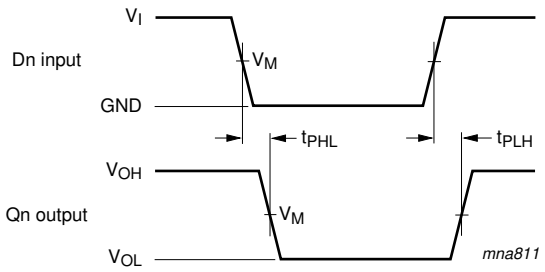
[2] t_{pd} is the same as t_{PHL} and t_{PLH}.

[3] t_{en} is the same as t_{PZH} and t_{PZL}.

[4] t_{dis} is the same as t_{PHZ} and t_{PLZ}.

[5] C_{PD} is used to determine the dynamic power dissipation (P_D in μW).
$P_D = C_{PD} \times V_{CC}^2 \times f_i \times N + \Sigma(C_L \times V_{CC}^2 \times f_o)$ where:
f_i = input frequency in MHz;
f_o = output frequency in MHz;
C_L = output load capacitance in pF;
V_{CC} = supply voltage in V;
N = number of inputs switching;
$\Sigma(C_L \times V_{CC}^2 \times f_o)$ = sum of the outputs.

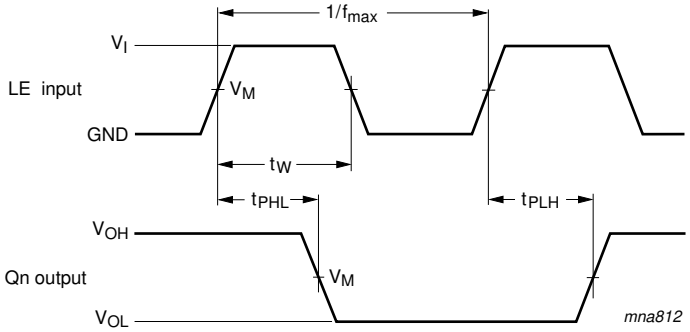
11. Waveforms



Measurement points are given in Table 8.

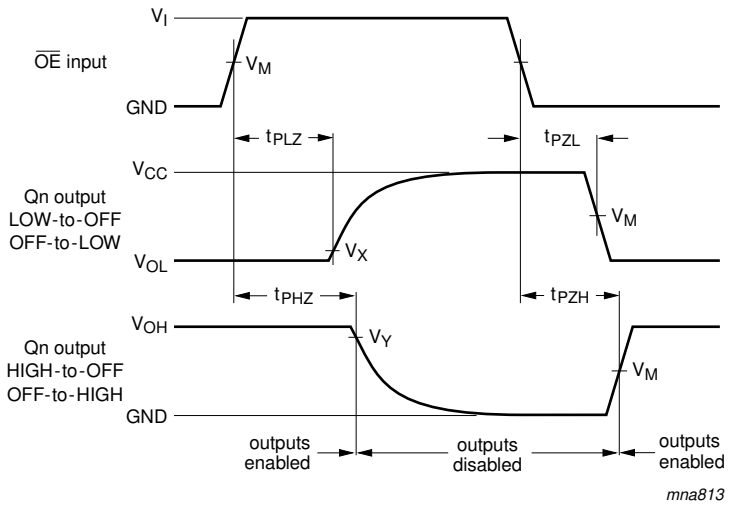
V_{OL} and V_{OH} are typical voltage output levels that occur with the output load.

Fig 7. Data input to output propagation delays



V_{OL} and V_{OH} are typical voltage output levels that occur with the output load.

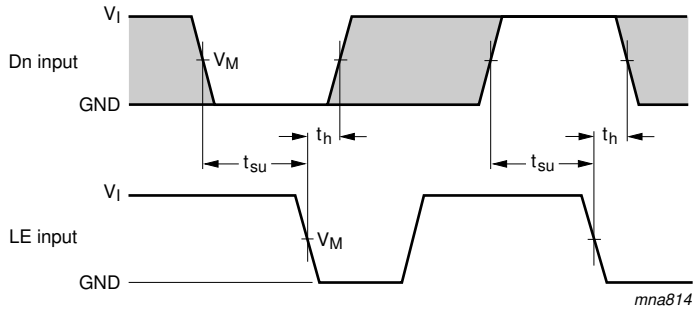
Fig 8. Latch enable input to output propagation delays



Measurement points are given in Table 8.

V_{OL} and V_{OH} are typical voltage output levels that occur with the output load.

Fig 9. Enable and disable times



Measurement points are given in Table 8.

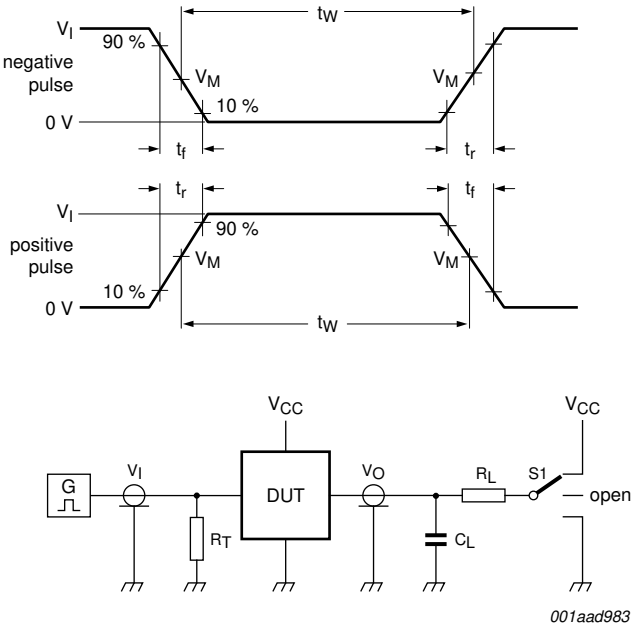
V_{OL} and V_{OH} are typical voltage output levels that occur with the output load.

The shaded areas indicate when the input is permitted to change for predicable output performance.

Fig 10. Data set-up and hold times

Table 8. Measurement points

Type	Input	Output		
	V_M	V_M	V_X	V_Y
74AHC573	$0.5 \times V_{CC}$	$0.5 \times V_{CC}$	$V_{OL} + 0.3$ V	$V_{OH} - 0.3$ V
74AHCT573	1.5 V	$0.5 \times V_{CC}$	$V_{OL} + 0.3$ V	$V_{OH} - 0.3$ 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_L = load resistance.

S1 = test selection switch.

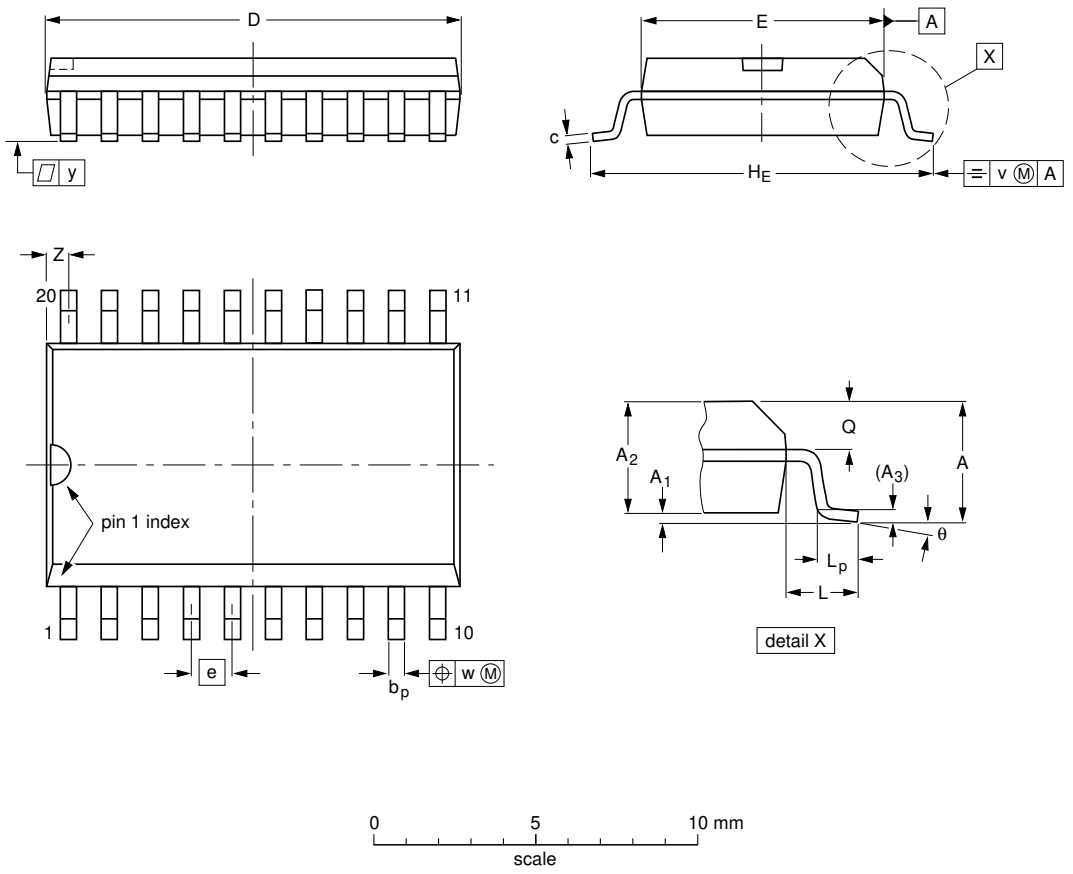
Fig 11. Test circuitry for switching times

Table 9. Test data

Type	Input		Load		S1 position		
	V_I	t_r, t_f	C_L	R_L	t_{PHL}, t_{PLH}	t_{PZH}, t_{PHZ}	t_{PZL}, t_{PLZ}
74AHC573	V_{CC}	≤ 3.0 ns	15 pF, 50 pF	1 kΩ	open	GND	V_{CC}
74AHCT573	3.0 V	≤ 3.0 ns	15 pF, 50 pF	1 kΩ	open	GND	V_{CC}

12. Package outline

SO20: plastic small outline package; 20 leads; body width 7.5 mm **SOT163-1**



DIMENSIONS (inch dimensions are derived from the original mm dimensions)

UNIT	A max.	A_1	A_2	A_3	b_p	c	$D^{(1)}$	$E^{(1)}$	e	H_E	L	L_p	Q	v	w	y	$Z^{(1)}$	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° 0°
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	

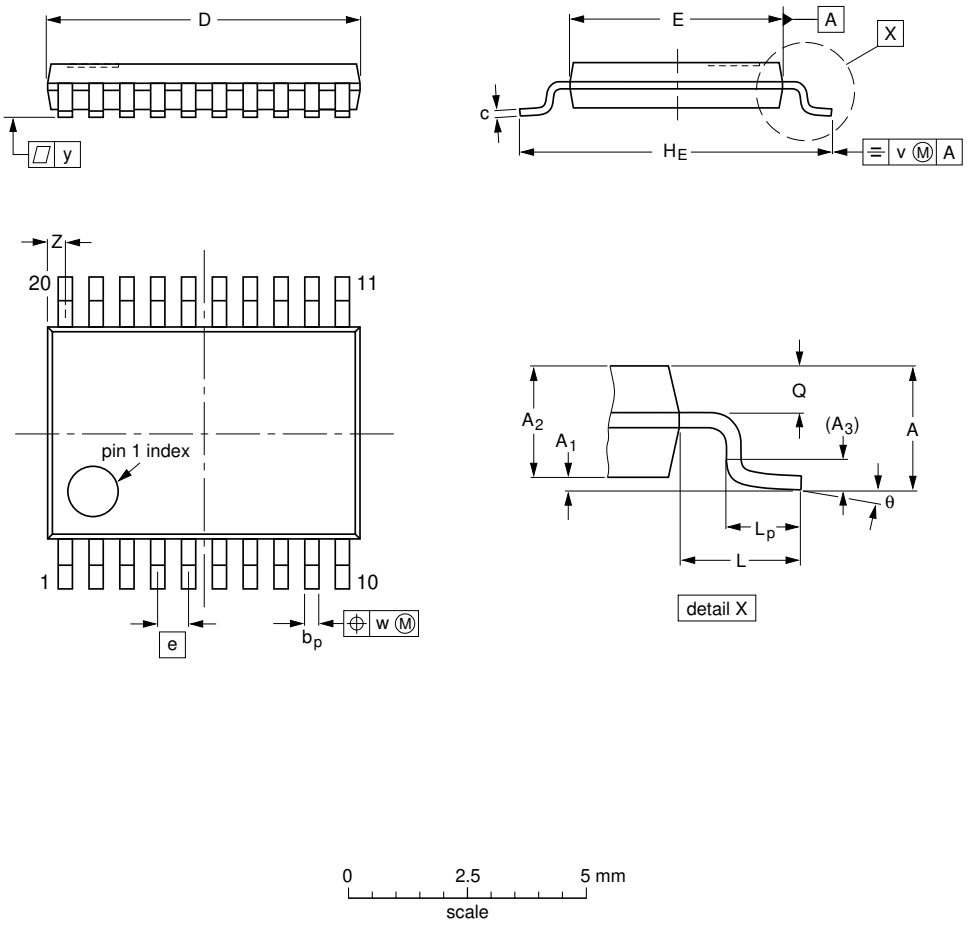
Note

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

OUTLINE VERSION	REFERENCES				EUROPEAN PROJECTION	ISSUE DATE
	IEC	JEDEC	JEITA			
SOT163-1	075E04	MS-013				~~99-12-27~~ 03-02-19

Fig 12. Package outline SOT163-1 (SO20)

TSSOP20: plastic thin shrink small outline package; 20 leads; body width 4.4 mm **SOT360-1**



DIMENSIONS (mm are the original dimensions)

UNIT	A max.	A_1	A_2	A_3	b_p	c	D (1)	E (2)	e	H_E	L	L_p	Q	v	w	y	Z (1)	θ
mm	1.1	0.15 0.05	0.95 0.80	0.25	0.30 0.19	0.2 0.1	6.6 6.4	4.5 4.3	0.65	6.6 6.2	1	0.75 0.50	0.4 0.3	0.2	0.13	0.1	0.5 0.2	8° 0°

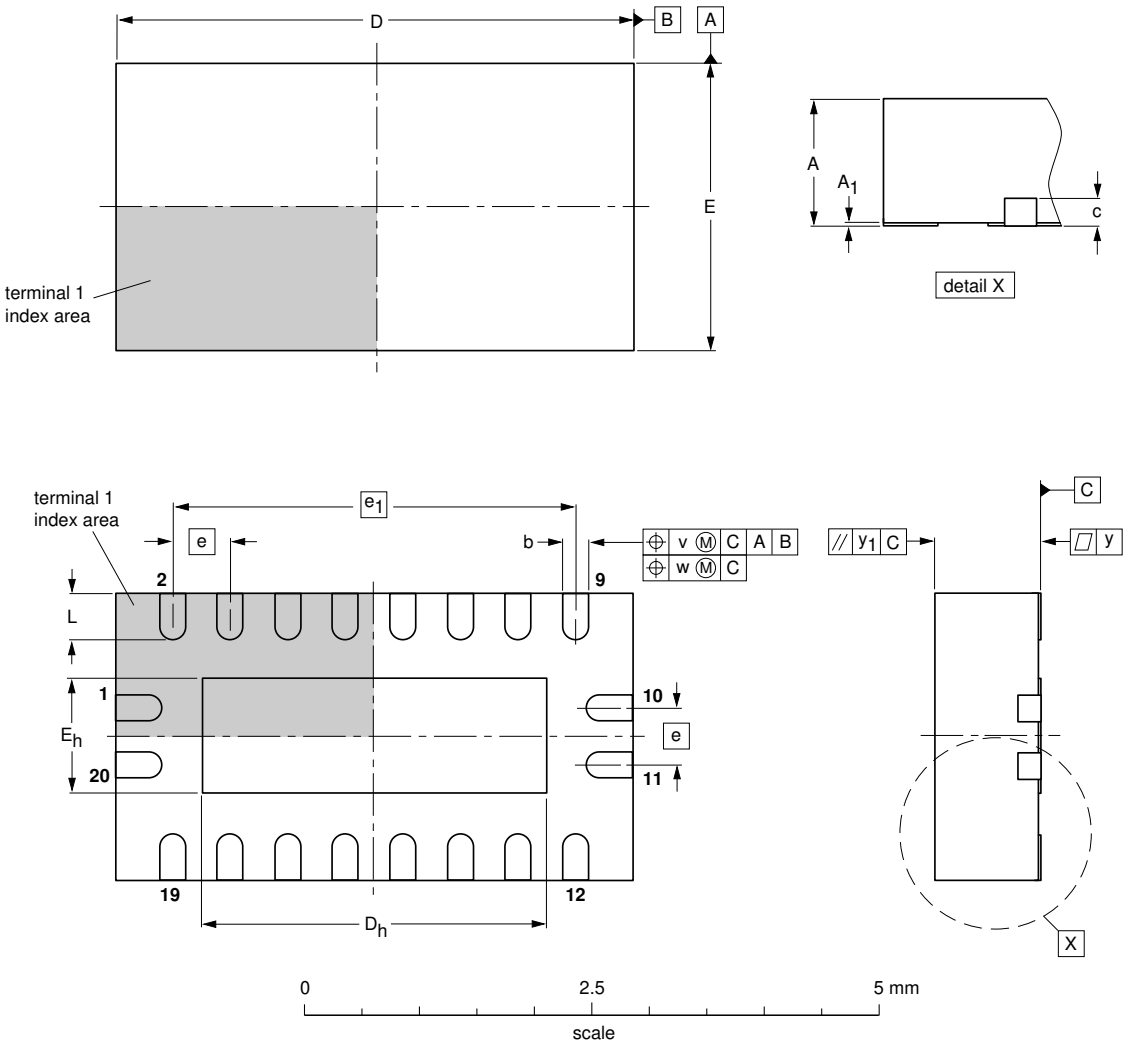
Notes

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 VERSION	REFERENCES				EUROPEAN PROJECTION	ISSUE DATE
	IEC	JEDEC	JEITA			
SOT360-1		MO-153				~~99-12-27~~ 03-02-19

Fig 13. Package outline SOT360-1 (TSSOP20)

DHVQFN20: plastic dual in-line compatible thermal enhanced very thin quad flat package; no leads; 20 terminals; body 2.5 x 4.5 x 0.85 mm **SOT764-1**



DIMENSIONS (mm are the original dimensions)

UNIT	$A^{(1)}$ max.	A_1	b	c	$D^{(1)}$	D_h	$E^{(1)}$	E_h	e	e_1	L	v	w	y	y_1
mm	1	0.05 0.00	0.30 0.18	0.2	4.6 4.4	3.15 2.85	2.6 2.4	1.15 0.85	0.5	3.5	0.5 0.3	0.1	0.05	0.05	0.1

Note

1. Plastic or metal protrusions of 0.075 mm maximum per side are not included.

OUTLINE VERSION	REFERENCES				EUROPEAN PROJECTION	ISSUE DATE
	IEC	JEDEC	JEITA			
SOT764-1	- - -	MO-241	- - -			~~02-10-17~~ 03-01-27

Fig 14. Package outline SOT764-1 (DHVQFN20)

13. Abbreviations

Table 10. Abbreviations

Acronym	Description
CDM	Charged Device Model
CMOS	Complementary Metal-Oxide Semiconductor
ESD	ElectroStatic Discharge
HBM	Human Body Model
MM	Machine Model
TTL	Transistor-Transistor Logic

14. Revision history

Table 11. Revision history

Document ID	Release date	Data sheet status	Change notice	Supersedes
74AHC_AHCT573 v.7	20111108	Product data sheet	-	74AHC_AHCT573 v.6
Modifications:	• Legal pages updated.			
74AHC_AHCT573 v.6	20101125	Product data sheet	-	74AHC_AHCT573 v.5
74AHC_AHCT573 v.5	20100325	Product data sheet	-	74AHC_AHCT573 v.4
74AHC_AHCT573 v.4	20100303	Product data sheet	-	74AHC_AHCT573 v.3
74AHC_AHCT573 v.3	20080424	Product data sheet	-	74AHC_AHCT573 v.2
74AHC_AHCT573 v.2	20031208	Product specification	-	74AHC_AHCT573 v.1
74AHC_AHCT573 v.1	19990927	Product specification	-	-

15. Legal information

15.1 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.

[1] Please consult the most recently issued document before initiating or completing a design.

[2] The term 'short data sheet' is explained in section "Definitions".

[3] The product status of device(s) described in this document may have changed since this document was published and may differ in case of multiple devices. The latest product status information is available on the Internet at URL http://www.nxp.com.

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Date of release: 8 November 2011
Document identifier: 74AHC_AHCT573