74AHC373

Octal D-type transparant latch; 3-state

Rev. 4 — 5 March 2019

Product data sheet

1. General description

The 74AHC373 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. 7-A.

The 74AHC373 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 (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 74AHC373 is functionally identical to the 74AHC573; 74AHCT573, 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
- Inputs accepts voltages higher than V_{CC}
- Functionally identical to the 74AHC573; 74AHCT573
- Input levels at CMOS 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
- Specified from -40 °C to +85 °C and from -40 °C to +125 °C

3. Ordering information

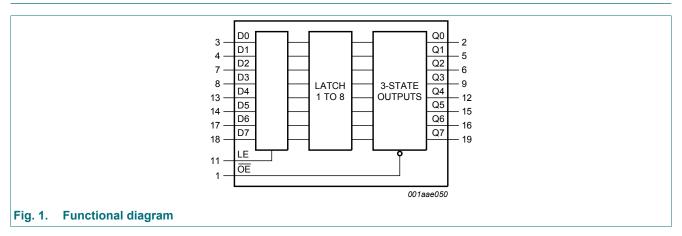
Table 1. Ordering information

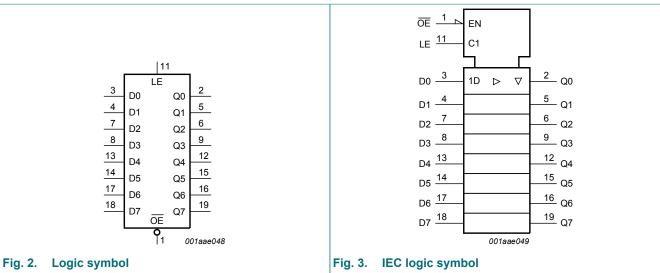
Type number	Package								
	Temperature range	Name	Description	Version					
74AHC373D	-40 °C to +125 °C	SO20	plastic small outline package; 20 leads; body width 7.5 mm	SOT163-1					
74AHC373PW	-40 °C to +125 °C	TSSOP20	plastic thin shrink small outline package; 20 leads; body width 4.4 mm	SOT360-1					

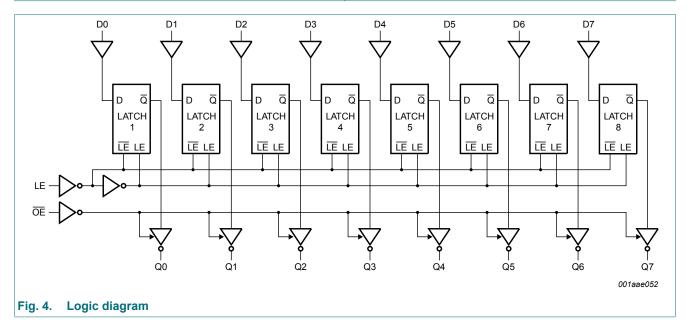


Octal D-type transparant latch; 3-state

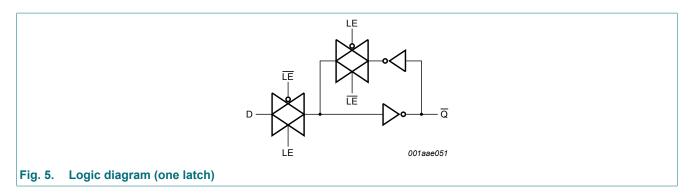
4. Functional diagram





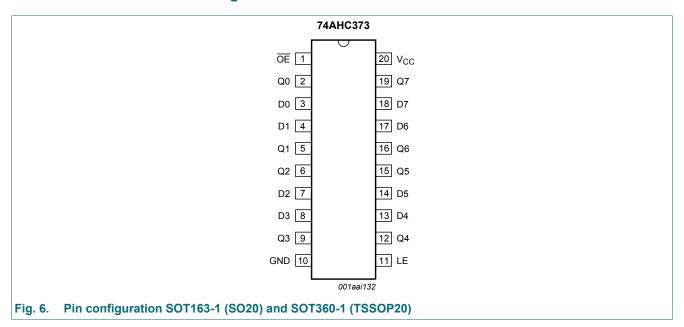


Octal D-type transparant latch; 3-state



5. Pinning information

5.1. Pinning



5.2. Pin description

Table 2. Pin description

Symbol	Pin	Description
ŌE	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)
Vcc	20	supply voltage

Octal D-type transparant latch; 3-state

6. Functional description

Table 3. Function table

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

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

Operating mode	Control		Input	Internal	Output
	ŌĒ	LE	Dn	latch	Q0 to Q7
Enable and read register (transparent mode)	L	Н	L	L	L
			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
			X	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	+7.0	V
VI	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	$V_O < -0.5 \text{ V or } V_O > V_{CC} + 0.5 \text{ V}$ [1]	-20	+20	mA
Io	output current	$V_{O} = -0.5 \text{ V to } (V_{CC} + 0.5 \text{ V})$	-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.

8. Recommended operating conditions

Table 5. Operating conditions

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
V _{CC}	supply voltage		2.0	5.0	5.5	V
VI	input voltage		0	-	5.5	V
Vo	output voltage		0	-	V _{CC}	V
T _{amb}	ambient temperature		-40	+25	+125	°C
Δt/ΔV	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

^[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.

Octal D-type transparant latch; 3-state

9. Static characteristics

Table 6. Static characteristics

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

Symbol	Parameter	Conditions		25 °C	25 °C			-40 °C to +125 °C		Unit
			Min	Тур	Max	Min	Max	Min	Max	
V _{IH}	HIGH-level	V _{CC} = 2.0 V	1.5	-	-	1.5	-	1.5	-	V
	input voltage	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	V _{CC} = 2.0 V	-	-	0.5	-	0.5	-	0.5	V
	input voltage	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	V _I = V _{IH} or V _{IL}								
	output voltage	I _O = -50 μA; V _{CC} = 2.0 V	1.9	2.0	-	1.9	-	1.9	-	V
	voitage	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	$V_I = V_{IH}$ or V_{IL}								
	output voltage	I_{O} = 50 μ A; V_{CC} = 2.0 V	-	0	0.1	-	0.1	-	0.1	V
	voltage	I_{O} = 50 μ A; V_{CC} = 3.0 V	-	0	0.1	-	0.1	-	0.1	V
		I_{O} = 50 μ A; 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
l _{OZ}	OFF-state output current	$V_I = V_{IH}$ or V_{IL} ; $V_O = V_{CC}$ or GND; $V_{CC} = 5.5 \text{ V}$	-	-	±0.25	-	±2.5	-	±10.0	μA
lı	input leakage current	V _I = V _{CC} or GND; V _{CC} = 0 V to 5.5 V	-	-	0.1	-	1.0	-	2.0	μΑ
I _{CC}	supply current	$V_I = V_{CC}$ or GND; $I_O = 0$ A; $V_{CC} = 5.5 \text{ V}$	-	-	4.0	-	40	-	80	μΑ
Cı	input capacitance	V _I = V _{CC} or GND	-	3	10	-	10	-	10	pF
C _O	output capacitance		-	4	-	-	-	-	10	pF

5 / 13

Octal D-type transparant latch; 3-state

10. Dynamic characteristics

Table 7. Dynamic characteristics

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

Symbol	Parameter	Conditions		25 °C			°C to 5 °C		-40 °C to +125 °C	
			Min	Typ [1]	Max	Min	Max	Min	Max	
t _{pd}	propagation	Dn to Qn; see Fig. 7 [2]								
	delay	V _{CC} = 3.0 V to 3.6 V; C _L = 15 pF	-	6.0	11.4	1.0	13.5	1.0	14.5	ns
		V _{CC} = 3.0 V to 3.6 V; C _L = 50 pF	-	7.8	14.9	1.0	17.0	1.0	19.0	ns
		V _{CC} = 4.5 V to 5.5 V; C _L = 15 pF	-	4.0	7.2	1.0	8.5	1.0	9.0	ns
		V _{CC} = 4.5 V to 5.5 V; C _L = 50 pF	-	5.3	9.2	1.0	10.5	1.0	11.5	ns
		LE to Qn; see Fig. 8 [2]								
		V _{CC} = 3.0 V to 3.6 V; C _L = 15 pF	-	6.3	11.0	1.0	13.0	1.0	14.0	ns
		V _{CC} = 3.0 V to 3.6 V; C _L = 50 pF	-	8.3	14.5	1.0	16.5	1.0	18.5	ns
		V _{CC} = 4.5 V to 5.5 V; C _L = 15 pF	-	4.3	7.2	1.0	8.5	1.0	9.0	ns
		V _{CC} = 4.5 V to 5.5 V; C _L = 50 pF	-	5.6	9.7	1.0	11.1	1.0	12.5	ns
t _{en}	enable time	OE to Qn; see Fig. 9 [3]								
		V _{CC} = 3.0 V to 3.6 V; C _L = 15 pF	-	5.6	11.4	1.0	13.5	1.0	14.5	ns
		V _{CC} = 3.0 V to 3.6 V; C _L = 50 pF	-	7.5	14.9	1.0	17.0	1.0	19.0	ns
		V _{CC} = 4.5 V to 5.5 V; C _L = 15 pF	-	3.8	8.1	1.0	9.5	1.0	10.5	ns
		V _{CC} = 4.5 V to 5.5 V; C _L = 50 pF	-	5.2	10.1	1.0	11.5	1.0	13.0	ns
t _{dis}	disable time	OE to Qn; see Fig. 9 [4]								
		V _{CC} = 3.0 V to 3.6 V; C _L = 15 pF	-	5.6	10.0	1.0	12.0	1.0	13.0	ns
		V _{CC} = 3.0 V to 3.6 V; C _L = 50 pF	-	9.2	13.3	1.0	15.0	1.0	17.0	ns
		V _{CC} = 4.5 V to 5.5 V; C _L = 15 pF	-	4.3	7.2	1.0	8.5	1.0	9.5	ns
		V _{CC} = 4.5 V to 5.5 V; C _L = 50 pF	-	6.4	9.2	1.0	10.5	1.0	11.5	ns
t _W	pulse width	LE HIGH or LOW; see Fig. 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 Fig. 10								
		V _{CC} = 3.0 V to 3.6 V	4.0	-	-	4.0	-	4.0	-	ns
		V _{CC} = 4.5 V to 5.5 V	4.0	-	-	4.0	-	4.0	-	ns
t _h	hold time	Dn to LE; see Fig. 10								
		V _{CC} = 3.0 V to 3.6 V	1.0	-	-	1.0	-	1.0	-	ns
		V _{CC} = 4.5 V to 5.5 V	1.0	-	-	1.0	-	1.0	-	ns
C _{PD}	power dissipation capacitance	$f_i = 1 \text{ MHz}; V_I = \text{GND to } V_{CC}$ [5]	-	10	-	-	-	-	-	pF

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

74AHC373

^[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} .

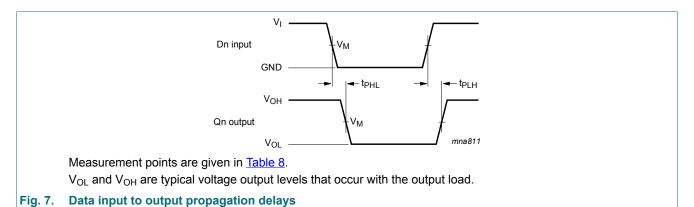
^[5] C_{PD} is used to determine the dynamic power dissipation (P_D in μ W). $P_D = C_{PD} \times V_{CC}^2 \times f_i \times N + \Sigma (C_L \times V_{CC}^2 \times f_o)$ where: f_i = input frequency in MHz; f_o = output frequency in MHz;

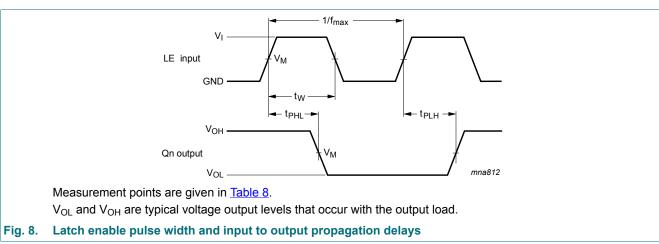
 C_L = output load capacitance in pF; V_{CC} = supply voltage in V;

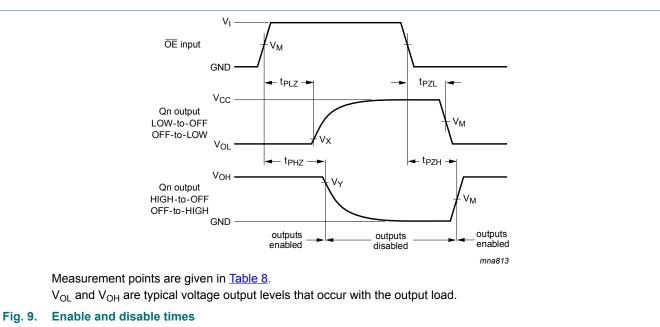
N = number of inputs switching; $\Sigma(C_L \times V_{CC}^2 \times f_0)$ = sum of the outputs.

Octal D-type transparant latch; 3-state

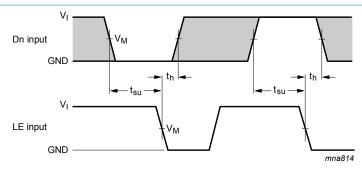
10.1. Waveforms and test circuit







Octal D-type transparant latch; 3-state



Measurement points are given in Table 8.

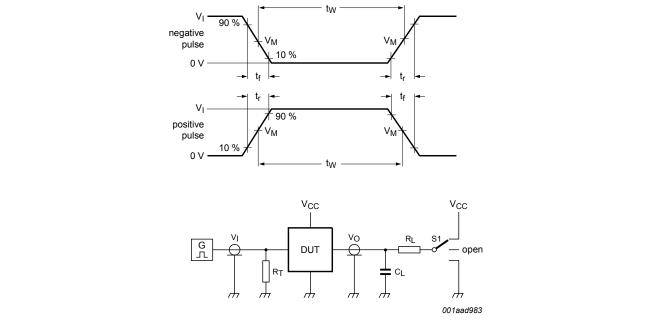
 V_{OL} and V_{OH} are typical voltage output levels that occur with the output load.

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

Input	Output		
V _M	V _M	V _X	V _Y
0.5 × V _{CC}	0.5 × 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 circuit for measuring switching times

Table 9. Test data

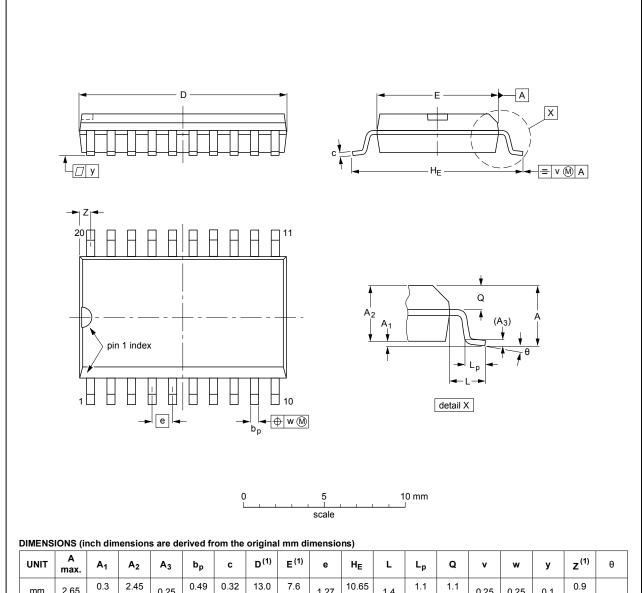
Input		Load		S1 position			
VI	V _I t _r , t _f		C _L R _L		t _{PHL} , t _{PLH} t _{PZH} , t _{PHZ}		
V_{CC}	≤ 3.0 ns	15 pF, 50 pF	1 kΩ	open	GND	V _{CC}	

Octal D-type transparant latch; 3-state

11. Package outline

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

SOT163-1



UNIT	A max.	A ₁	A ₂	A ₃	bp	С	D ⁽¹⁾	E ⁽¹⁾	е	HE	L	Lp	Q	v	w	у	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°
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°

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

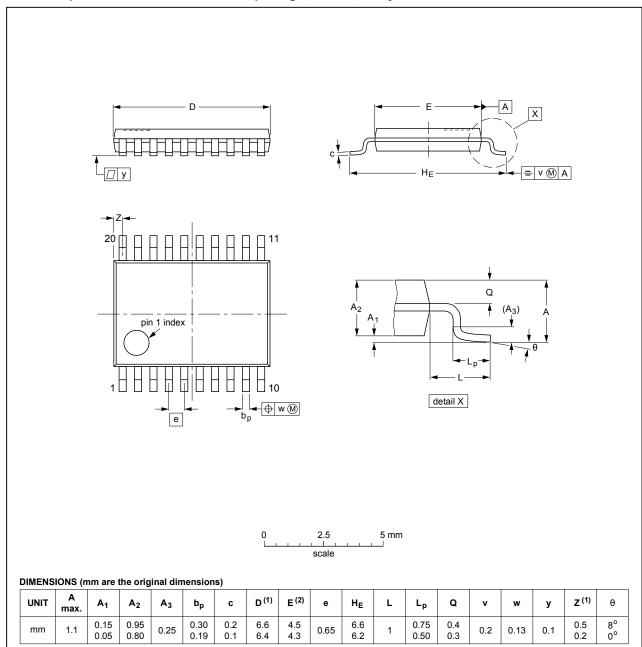
OUTLINE		REFER	EUROPEAN	ISSUE DATE		
VERSION	IEC	JEDEC	JEITA		PROJECTION	ISSUE DATE
SOT163-1	075E04	MS-013				99-12-27 03-02-19

Fig. 12. Package outline SOT163-1 (SO20)

Octal D-type transparant latch; 3-state

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

Fig. 13. Package outline SOT360-1 (TSSOP20)

Octal D-type transparant latch; 3-state

12. Abbreviations

Table 10. Abbreviations

Acronym	Description
CDM	Charged Device Model
CMOS	Complementary Metal-Oxide Semiconductor
DUT	Device Under Test
ESD	ElectroStatic Discharge
НВМ	Human Body Model
LSTTL	Low-power Schottky Transistor-Transistor Logic
MM	Machine Model

13. Revision history

Table 11. Revision history

Document ID	Release date	Data sheet status	Change notice	Supersedes	
74AHC373 v.4	20190305	Product data sheet	-	74AHC_AHCT373_3	
Modifications:	of Nexperia. • Legal texts h	 The format of this data sheet has been redesigned to comply with the identity guidelines of Nexperia. Legal texts have been adapted to the new company name where appropriate. Type numbers 74AHCT373D (SOT163-1) and 74AHCT373PW (SOT360-1) removed. 			
74AHC_AHCT373_3	20080520	Product data sheet	-	74AHC_AHCT373_2	
Modifications:	guidelines of • Legal texts h	 The format of this data sheet has been redesigned to comply with the new identity guidelines of NXP Semiconductors. Legal texts have been adapted to the new company name where appropriate. Table 6: conditions for the input leakage current have been changed. 			
74AHC_AHCT373_2	19991123	Product specification	-	74AHC_AHCT373_1	
74AHC_AHCT373_1	19981211	Product specification	-	-	

Octal D-type transparant latch; 3-state

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".
- 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 https://www.nexperia.com.

Definitions

Draft — The document is a draft version only. The content is still under internal review and subject to formal approval, which may result in modifications or additions. Nexperia does not give any representations or warranties as to the accuracy or completeness of information included herein and shall have no liability for the consequences of use of such information.

Short data sheet — A short data sheet is an extract from a full data sheet with the same product type number(s) and title. A short data sheet is intended for quick reference only and should not be relied upon to contain detailed and full information. For detailed and full information see the relevant full data sheet, which is available on request via the local Nexperia sales office. In case of any inconsistency or conflict with the short data sheet, the full data sheet shall prevail.

Product specification — The information and data provided in a Product data sheet shall define the specification of the product as agreed between Nexperia and its customer, unless Nexperia and customer have explicitly agreed otherwise in writing. In no event however, shall an agreement be valid in which the Nexperia product is deemed to offer functions and qualities beyond those described in the Product data sheet.

Disclaimers

Limited warranty and liability — Information in this document is believed to be accurate and reliable. However, Nexperia does not give any representations or warranties, expressed or implied, as to the accuracy or completeness of such information and shall have no liability for the consequences of use of such information. Nexperia takes no responsibility for the content in this document if provided by an information source outside of Nexperia.

In no event shall Nexperia be liable for any indirect, incidental, punitive, special or consequential damages (including - without limitation - lost profits, lost savings, business interruption, costs related to the removal or replacement of any products or rework charges) whether or not such damages are based on tort (including negligence), warranty, breach of contract or any other legal theory.

Notwithstanding any damages that customer might incur for any reason whatsoever, Nexperia's aggregate and cumulative liability towards customer for the products described herein shall be limited in accordance with the Terms and conditions of commercial sale of Nexperia.

Right to make changes — Nexperia reserves the right to make changes to information published in this document, including without limitation specifications and product descriptions, at any time and without notice. This document supersedes and replaces all information supplied prior to the publication hereof.

Suitability for use — Nexperia products are not designed, authorized or warranted to be suitable for use in life support, life-critical or safety-critical systems or equipment, nor in applications where failure or malfunction of an Nexperia product can reasonably be expected to result in personal

injury, death or severe property or environmental damage. Nexperia and its suppliers accept no liability for inclusion and/or use of Nexperia products in such equipment or applications and therefore such inclusion and/or use is at the customer's own risk.

Quick reference data — The Quick reference data is an extract of the product data given in the Limiting values and Characteristics sections of this document, and as such is not complete, exhaustive or legally binding.

Applications — Applications that are described herein for any of these products are for illustrative purposes only. Nexperia makes no representation or warranty that such applications will be suitable for the specified use without further testing or modification.

Customers are responsible for the design and operation of their applications and products using Nexperia products, and Nexperia accepts no liability for any assistance with applications or customer product design. It is customer's sole responsibility to determine whether the Nexperia product is suitable and fit for the customer's applications and products planned, as well as for the planned application and use of customer's third party customer(s). Customers should provide appropriate design and operating safeguards to minimize the risks associated with their applications and products.

Nexperia does not accept any liability related to any default, damage, costs or problem which is based on any weakness or default in the customer's applications or products, or the application or use by customer's third party customer(s). Customer is responsible for doing all necessary testing for the customer's applications and products using Nexperia products in order to avoid a default of the applications and the products or of the application or use by customer's third party customer(s). Nexperia does not accept any liability in this respect.

Limiting values — Stress above one or more limiting values (as defined in the Absolute Maximum Ratings System of IEC 60134) will cause permanent damage to the device. Limiting values are stress ratings only and (proper) operation of the device at these or any other conditions above those given in the Recommended operating conditions section (if present) or the Characteristics sections of this document is not warranted. Constant or repeated exposure to limiting values will permanently and irreversibly affect the quality and reliability of the device.

Terms and conditions of commercial sale — Nexperia products are sold subject to the general terms and conditions of commercial sale, as published at http://www.nexperia.com/profile/terms, unless otherwise agreed in a valid written individual agreement. In case an individual agreement is concluded only the terms and conditions of the respective agreement shall apply. Nexperia hereby expressly objects to applying the customer's general terms and conditions with regard to the purchase of Nexperia products by sustained.

No offer to sell or license — Nothing in this document may be interpreted or construed as an offer to sell products that is open for acceptance or the grant, conveyance or implication of any license under any copyrights, patents or other industrial or intellectual property rights.

Export control — This document as well as the item(s) described herein may be subject to export control regulations. Export might require a prior authorization from competent authorities.

Non-automotive qualified products — Unless this data sheet expressly states that this specific Nexperia product is automotive qualified, the product is not suitable for automotive use. It is neither qualified nor tested in accordance with automotive testing or application requirements. Nexperia accepts no liability for inclusion and/or use of non-automotive qualified products in automotive equipment or applications.

In the event that customer uses the product for design-in and use in automotive applications to automotive specifications and standards, customer (a) shall use the product without Nexperia's warranty of the product for such automotive applications, use and specifications, and (b) whenever customer uses the product for automotive applications beyond Nexperia's specifications such use shall be solely at customer's own risk, and (c) customer fully indemnifies Nexperia for any liability, damages or failed product claims resulting from customer design and use of the product for automotive applications beyond Nexperia's standard warranty and Nexperia's product specifications.

Translations — A non-English (translated) version of a document is for reference only. The English version shall prevail in case of any discrepancy between the translated and English versions.

Trademarks

Notice: All referenced brands, product names, service names and trademarks are the property of their respective owners.

74AHC373

All information provided in this document is subject to legal disclaimers.

© Nexperia B.V. 2019. All rights reserved

Octal D-type transparant latch; 3-state

Contents

1
1
1
2
3
3
3
4
4
4
5
6
7
9
11
11 11.

For more information, please visit: http://www.nexperia.com For sales office addresses, please send an email to: salesaddresses@nexperia.com Date of release: 5 March 2019

[©] Nexperia B.V. 2019. All rights reserved

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Latches category:

Click to view products by Nexperia manufacturer:

Other Similar products are found below:

ML4875CS-5 401639B 716165RB 74F373DW 74LVC373ADTR2G 74LVC573ADTR2G NL17SG373DFT2G NLV14044BDG 5962-8863901RA 5962-8863901RA NLV14042BDR2G 74HC573D,653 2.L18.001-21 2.PM18.002-18 2.PM18.006-18 2.T18.001-21 2.T18.002-18 2.T18.006-18 CQ/AA-KEY CQ/A-M22X1,5-45-28 CQ/A-M22X1,5-45-32 M22-2-D5-2-21-01-P CY74FCT2373CTSOC 421283 MM74HC373WM MM74HC573WM 74LCX373MTC 74LVT16373MTDX 74VHC373MX KLD5.001-02 Z-0233-827-15 MIC58P01YV 74AHCT573D.112 74LCX16373MTDX CQ/A-M22X1,5-45-16 CQ/A-M22X1,5-45-18 CQ/A-M22X1,5-45-20 CQ/A-M22X1,5-45-24 CQ/A-M22X1,5-45-30 CQT/A-32-18 AE-V0 CQT/A-32 20-AE-V0 CQT/A-32 32-AE-V0 Z-2106-25001-22 2.904.005 2.904.006 2.904.008 2.KLB-KW8.001PA-07 2.KLB-T9.001PA-07 2.KL-T9.002-02 2.L18.001-18