74AHC30; 74AHCT30

8-input NAND gate

Rev. 5 — 6 May 2020

Product data sheet

1. General description

The 74AHC30; 74AHCT30 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 74AHC30; 74AHCT30 provides an 8-input NAND function.

2. Features and benefits

- · Balanced propagation delays
- · All inputs have Schmitt-trigger actions
- Inputs accept voltages higher than V_{CC}
- Input levels:
 - For 74AHC30: CMOS level
 - For 74AHCT30: TTL level
- ESD protection:
 - HBM JESD22-A114E exceeds 2000 V
 - MM JESD22-A115-A exceeds 200 V
 - CDM JESD22-C101C exceeds 1000 V
- Multiple package options
- Specified from -40 °C to +85 °C and -40 °C to +125 °C

3. Ordering information

Table 1. Ordering information

Type number	Package	Package											
	Temperature range	Name	Description	Version									
74AHC30D	-40 °C to +125 °C	SO14	plastic small outline package; 14 leads;	SOT108-1									
74AHCT30D			body width 3.9 mm										
74AHC30PW	-40 °C to +125 °C	TSSOP14	plastic thin shrink small outline package; 14 leads;	SOT402-1									
74AHCT30PW			body width 4.4 mm										
74AHC30BQ	-40 °C to +125 °C	DHVQFN14	plastic dual in-line compatible thermal	SOT762-1									
74AHCT30BQ			enhanced very thin quad flat package; no leads; 14 terminals; body 2.5 × 3 × 0.85 mm										
74AHC30GU12	-40 °C to +125 °C	XQFN12	plastic, extremely thin quad flat package; no leads; 12 terminals; body 1.70 × 2.0 × 0.50 mm	SOT1174-1									



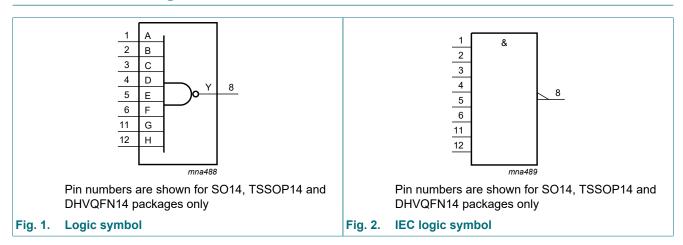
4. Marking

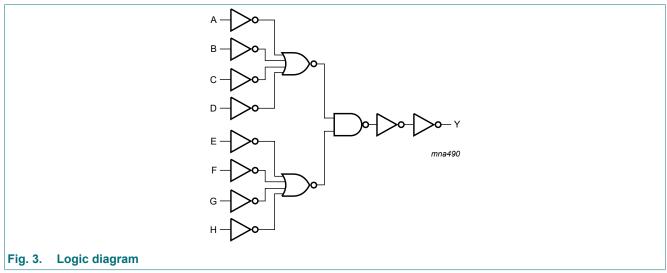
Table 2. Marking codes

Table 21 marking codes	
Type number	Marking
74AHC30D	74AHC30D
74AHCT30D	74AHCT30D
74AHC30PW	AHC30
74AHCT30PW	AHCT30
74AHC30BQ	AHC30
74AHCT30BQ	AHT30
74AHC30GU12	A3 [1]

^[1] The pin 1 indicator is located on the lower left corner of the device, below the marking code.

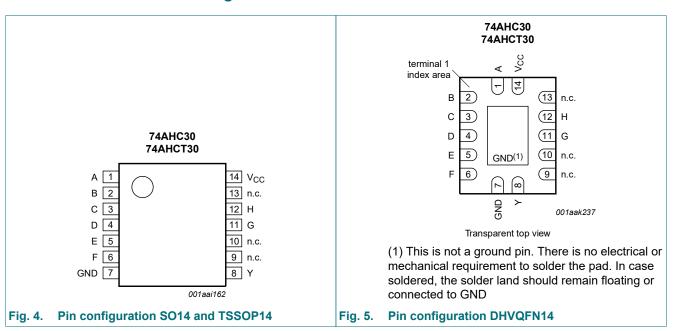
5. Functional diagram

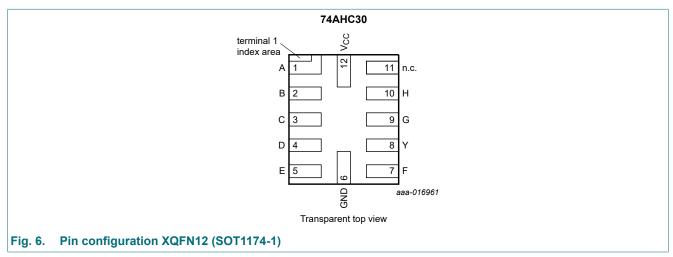




6. Pinning information

6.1. Pinning





6.2. Pin description

Table 3. Pin description

Symbol	Pin	Pin							
	SO14, TSSOP14 and DHVQFN14	XQFN12							
A	1	1	data input						
В	2	2	data input						
С	3	3	data input						
D	4	4	data input						
E	5	5	data input						
F	6	7	data input						
GND	7	6	ground (0 V)						
Υ	8	8	data output						
n.c.	9	-	not connected						
n.c.	10	-	not connected						
G	11	9	data input						
Н	12	10	data input						
n.c.	13	11	not connected						
V _{CC}	14	12	supply voltage						

7. Functional description

Table 4. Function table

H = HIGH voltage level; L = LOW voltage level; X = don't care.

Input								Output
Α	В	С	D	E	F	G	Н	Υ
L	Х	X	X	X	X	X	X	Н
Х	L	X	X	Х	X	X	X	Н
X	Х	L	X	X	X	X	X	Н
Х	Х	X	L	X	X	X	X	Н
Х	Х	X	X	L	X	X	X	Н
X	X	Х	Х	Х	L	Х	Х	Н
X	Х	X	X	X	X	L	X	Н
X	Х	Х	X	X	Х	Х	L	Н
Н	Н	Н	Н	Н	Н	Н	Н	L

8. Limiting values

Table 5. 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
l _{OK}	output clamping current	$V_{O} < -0.5 \text{ V or } V_{O} > V_{CC} + 0.5 \text{ V}$	[1]	-20	+20	mA
I _O	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				
		SO14, TSSOP14 and DHVQFN14	[2]	-	500	mW
		XQFN12		-	250	mW

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

9. Recommended operating conditions

Table 6. Recommended operating conditions

Voltages are referenced to GND (ground = 0 V).

Symbol	Parameter	Conditions		74AHC30)	7	4AHCT3	0	Unit
			Min	Тур	Max	Min	Тур	Max	
V_{CC}	supply voltage		2.0	5.0	5.5	4.5	5.0	5.5	V
VI	input voltage		0	-	5.5	0	-	5.5	V
Vo	output voltage		0	-	V _{CC}	0	-	V _{CC}	V
T _{amb}	ambient temperature		-40	+25	+125	-40	+25	+125	°C
Δt/ΔV	input transition rise	$V_{CC} = 3.3 \text{ V} \pm 0.3 \text{ V}$	-	-	100	-	-	-	ns/V
	and fall rate	$V_{CC} = 5.0 \text{ V} \pm 0.5 \text{ V}$	-	-	20	-	-	20	ns/V

^[2] For SOT108-1 (SO14) package: P_{tot} derates linearly with 10.1 mW/K above 100 °C. For SOT402-1 (TSSOP14) package: P_{tot} derates linearly with 7.3 mW/K above 81 °C. For SOT762-1 (DHVQFN14) package: P_{tot} derates linearly with 9.6 mW/K above 98 °C.

10. Static characteristics

Table 7. Static characteristics

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

Symbol	Parameter	Conditions		25 °C		-40 °C t	o +85 °C	-40 °C to	+125 °C	Unit
			Min	Тур	Max	Min	Max	Min	Max	
74AHC3	0									'
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	$I_{O} = -50 \mu A; V_{CC} = 2.0 V$	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	V _I = V _{IH} or V _{IL}								'
	output voltage	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
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	μΑ
I _{CC}	supply current	$V_I = V_{CC}$ or GND; $I_O = 0$ A; $V_{CC} = 5.5 \text{ V}$	-	-	2.0	-	20	-	40	μΑ
C _I	input capacitance	V _I = V _{CC} or GND	-	3	10	-	10	-	10	pF
Co	output capacitance		-	4	-	-	-	-	-	pF

Symbol	Parameter	Conditions		25 °C		-40 °C t	o +85 °C	-40 °C to	+125 °C	Unit	
			Min Typ		Max	Min	Max	Min Max			
74AHCT	30										
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	$V_I = V_{IH}$ or V_{IL} ; $V_{CC} = 4.5 V$			•						
	output voltage	Ι _Ο = -50 μΑ	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	$V_I = V_{IH}$ or V_{IL} ; $V_{CC} = 4.5 \text{ V}$									
	output voltage	Ι _Ο = 50 μΑ	-	0	0.1	-	0.1	-	0.1	V	
		I _O = 8.0 mA	-	-	0.36	-	0.44	-	0.55	V	
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	μΑ	
Icc	supply current	$V_I = V_{CC}$ or GND; $I_O = 0$ A; $V_{CC} = 5.5$ V	-	-	2.0	-	20	-	40	μΑ	
ΔI _{CC}	additional supply current	per input pin; $V_I = V_{CC} - 2.1 \text{ V}$; other pins at V_{CC} or GND; $I_O = 0 \text{ A}$; $V_{CC} = 4.5 \text{ V}$ to 5.5 V	-	-	1.35	-	1.5	-	1.5	mA	
Cı	input capacitance	V _I = V _{CC} or GND	-	3	10	-	10	-	10	pF	
Co	output capacitance		-	4	-	-	-	-	-	pF	

11. Dynamic characteristics

Table 8. Dynamic characteristics

Voltages are referenced to GND (ground = 0 V); for test circuit see Fig. 8.

_		, ,			_										
Symbol	Parameter	Conditions		25 °C		-40 °C to	o +85 °C	-40 °C to	+125 °C	Unit					
			Min	Typ[1]	Max	Min	Max	Min	Max						
74AHC3	0														
t _{pd}	propagation	A, B, C, D, E, F, G, H to Y; see <u>Fig. 7</u> and <u>Fig. 8</u> [2]													
	delay	V _{CC} = 3.0 V to 3.6 V													
		C _L = 15 pF	-	5.0	9.5	1.0	11.0	1.0	12.0	ns					
		C _L = 50 pF	-	6.7	12.0	1.0	14.5	1.0	15.5	ns					
		V _{CC} = 4.5 V to 5.5 V		•											
		C _L = 15 pF	-	3.6	6.5	1.0	7.5	1.0	8.0	ns					
		C _L = 50 pF	-	4.9	8.0	1.0	9.5	1.0	10.5	ns					
C _{PD}	power dissipation capacitance	$f_i = 1 \text{ MHz};$ [3] $V_I = GND \text{ to } V_{CC}$	-	10	-	-	-	-	-	pF					
74AHCT	30; V _{CC} = 4.5	V to 5.5 V													
t _{pd}	propagation	A, B, C, D, E, F, G, H to Y; see	e <mark>Fig.</mark> T	and Fig	<u>g. 8</u> [2]										
	delay	C _L = 15 pF	-	3.3	6.5	1.0	7.5	1.0	8.0	ns					
		C _L = 50 pF	-	4.7	8.5	1.0	9.5	1.0	10.5	ns					
C _{PD}	power dissipation capacitance	$f_i = 1 \text{ MHz};$ [3] $V_I = \text{GND to } V_{CC}$	-	12	-	-	-	-	-	pF					

Typical values are measured at nominal supply voltage ($V_{CC} = 3.3 \text{ V}$ and $V_{CC} = 5.0 \text{ V}$).

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

f_i = input frequency in MHz;

f_o = output frequency in MHz;

C_L = output load capacitance in pF;

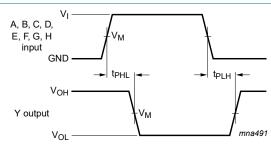
V_{CC} = supply voltage in V;

N = number of inputs switching;

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

 t_{pd} is the same as t_{PLH} and t_{PHL} . C_{PD} is used to determine the dynamic power dissipation (P_D in μW).

11.1. Waveforms



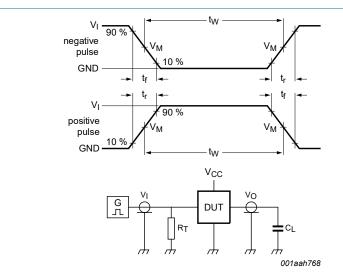
Measurement points are given in Table 9.

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

Fig. 7. Input to output propagation delays

Table 9. Measurement points

Туре	Input	Output
	V _M	V _M
74AHC30	0.5 × V _{CC}	0.5 × V _{CC}
74AHCT30	1.5 V	0.5 × V _{CC}



Test data is given in Table 10.

Definitions for test circuit:

 R_T = termination resistance should be equal to the output impedance Z_0 of the pulse generator.

 C_L = load capacitance including jig and probe capacitance.

Fig. 8. Test circuit for measuring switching times

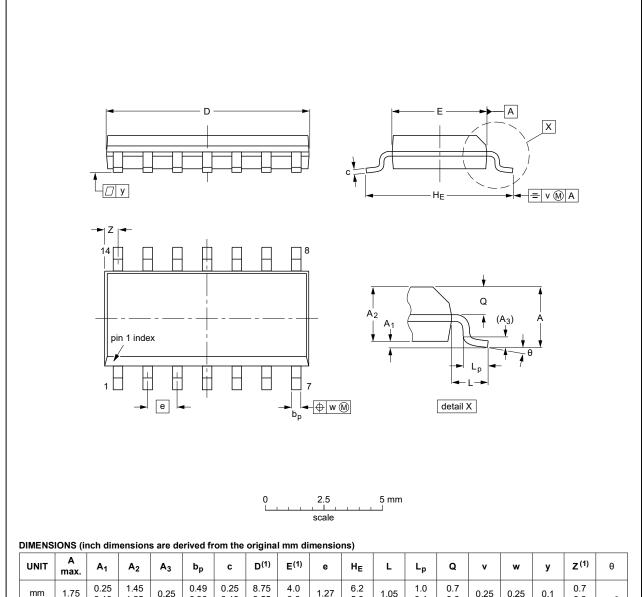
Table 10. Test data

Туре	Input		Load	Test
	VI	t _r , t _f	C _L	
74AHC30	V _{CC}	≤ 3.0 ns	15 pF, 50 pF	t _{PLH} , t _{PHL}
74AHCT30	3.0 V	≤ 3.0 ns	15 pF, 50 pF	t _{PLH} , t _{PHL}

12. Package outline

SO14: plastic small outline package; 14 leads; body width 3.9 mm

SOT108-1



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	1.75	0.25 0.10	1.45 1.25	0.25	0.49 0.36	0.25 0.19	8.75 8.55	4.0 3.8	1.27	6.2 5.8	1.05	1.0 0.4	0.7 0.6	0.25	0.25	0.1	0.7 0.3	8°
inches	0.069	0.010 0.004	0.057 0.049	0.01		0.0100 0.0075	0.35 0.34	0.16 0.15	0.05	0.244 0.228	0.041	0.039 0.016	0.028 0.024	0.01	0.01	0.004	0.028 0.012	0°

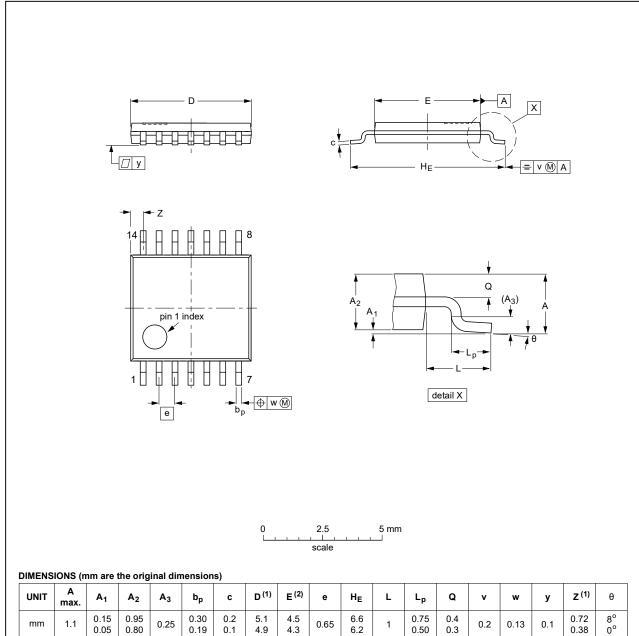
1. Plastic or metal protrusions of 0.15 mm (0.006 inch) maximum per side are not included.

OUTLINE VERSION		REFER	ENCES	EUROPEAN	ISSUE DATE	
	IEC	JEDEC	JEITA		PROJECTION	ISSUE DATE
SOT108-1	076E06	MS-012				99-12-27 03-02-19

Fig. 9. Package outline SOT108-1 (SO14)

TSSOP14: plastic thin shrink small outline package; 14 leads; body width 4.4 mm

SOT402-1



UNIT	A max.	A ₁	A ₂	A ₃	bp	С	D ⁽¹⁾	E (2)	е	HE	L	Lp	Q	v	w	у	Z ⁽¹⁾	θ
mm	1.1	0.15 0.05	0.95 0.80	0.25	0.30 0.19	0.2 0.1	5.1 4.9	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	0.72 0.38	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		REFER	EUROPEAN	ISSUE DATE		
	IEC	JEDEC	JEITA		PROJECTION	ISSUE DATE
SOT402-1		MO-153				99-12-27 03-02-18

Fig. 10. Package outline SOT402-1 (TSSOP14)

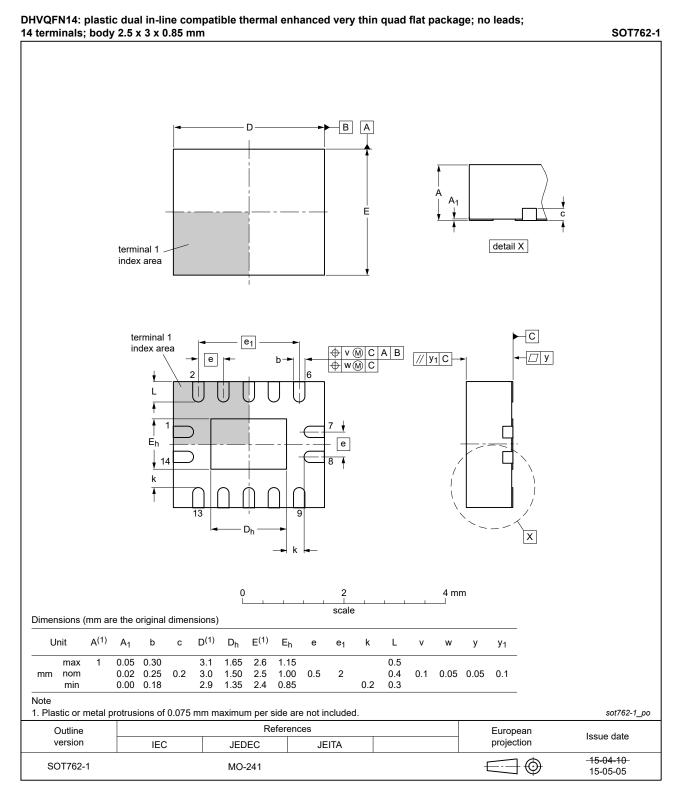


Fig. 11. Package outline SOT762-1 (DHVQFN14)

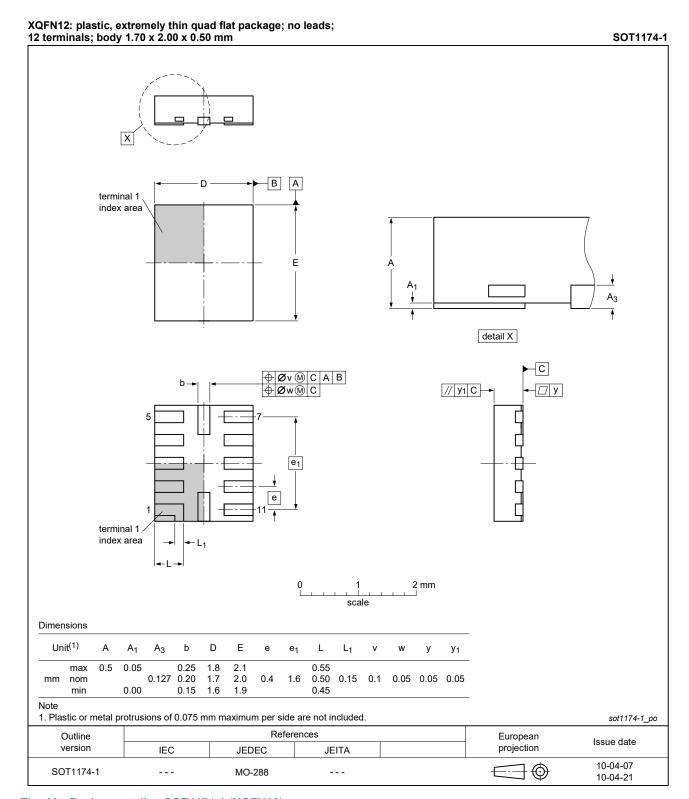


Fig. 12. Package outline SOT1174-1 (XQFN12)

13. Abbreviations

Table 11. 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

14. Revision history

Table 12. Revision history

Document ID	Release date	Data sheet status	Change notice	Supersedes				
74AHC_AHCT30 v.5	20200506	Product data sheet	-	74AHC_AHCT30 v.4				
Modifications:	Nexperia. • Legal texts ha	this data sheet has been redes we been adapted to the new co ing values for P _{tot} total power o	ompany name where	appropriate.				
74AHC_AHCT30 v.4	20150722	Product data sheet	-	74AHC_AHCT30 v.3				
Modifications:	Added type nu	mber 74AHC30GU12.						
74AHC_AHCT30 v.3	20090626	Product data sheet	-	74AHC_AHCT30 v.2				
Modifications:	• <u>Section 8</u> : dera	Occion of actions values added to Diviginity package.						
74AHC_AHCT30 v.2	20080530	Product data sheet	-	74AHC_AHCT30 v.1				
74AHC_AHCT30 v.1	19991130	Product specification	-	-				

15. 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.

Contents

1.	General description	1
2.	Features and benefits	1
3.	Ordering information	1
4.	Marking	2
5.	Functional diagram	2
6.	Pinning information	3
6.1	. Pinning	3
6.2	. Pin description	4
7.	Functional description	4
8.	Limiting values	5
9.	Recommended operating conditions	5
10.	Static characteristics	6
11.	Dynamic characteristics	8
11.	1. Waveforms	9
12.	Package outline	10
13.	Abbreviations	14
14.	Revision history	.14
15.	Legal information	.15

For more information, please visit: http://www.nexperia.com For sales office addresses, please send an email to: salesaddresses@nexperia.com Date of release: 6 May 2020

16 / 16

[©] Nexperia B.V. 2020. All rights reserved

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Logic Gates category:

Click to view products by Nexperia manufacturer:

Other Similar products are found below:

 74HC85N
 NLUIG32AMUTCG
 NLVHC1G08DFT1G
 CD4068BE
 NL17SG32P5T5G
 NL17SG86DFT2G
 NLV14001UBDR2G

 NLX1G11AMUTCG
 NLX1G97MUTCG
 74LS38
 74LVC32ADTR2G
 MC74HCT20ADTR2G
 NLV17SZ00DFT2G
 NLV17SZ02DFT2G

 NLV74HC02ADR2G
 74HC32S14-13
 74LS133
 M38510/30402BDA
 74LVC1G86Z-7
 74LVC2G08RA3-7
 NLV74HC08ADTR2G

 NLV74HC14ADR2G
 NLV74HC20ADR2G
 NLX2G86MUTCG
 5962-8973601DA
 74LVC2G02HD4-7
 NLU1G00AMUTCG

 74LVC2G32RA3-7
 74LVC2G00HD4-7
 NL17SG02P5T5G
 74LVC2G00HK3-7
 74LVC2G86HK3-7
 NLX1G99DMUTWG

 NLV7HC1G00DFT2G
 NLV7SZ57DFT2G
 NLV74VHC04DTR2G
 NLV27WZ86USG
 NLV27WZ00USG

 NLU1G86CMUTCG
 NLU1G08CMUTCG
 NL17SZ32P5T5G
 NL17SZ00P5T5G
 NL17SH02P5T5G
 74AUP2G00RA3-7

 NLV74HC02ADTR2G
 NLX1G332CMUTCG
 NL17SG86P5T5G
 NL17SZ05P5T5G
 NLV74VHC00DTR2G