# 74AHC1G07; 74AHCT1G07

# Buffer with open-drain output Rev. 7 — 18 November 2014

**Product data sheet** 

#### 1. **General description**

74AHC1G07 and 74AHCT1G07 are high-speed Si-gate CMOS devices. They provide a non-inverting buffer.

The output of these devices is open-drain and can be connected to other open-drain outputs to implement active-LOW wired-OR or active-HIGH wired-AND functions. For digital operation this device must have a pull-up resistor to establish a logic HIGH-level.

The AHC device has CMOS input switching levels and supply voltage range 2 V to 5.5 V.

The AHCT device has TTL input switching levels and supply voltage range 4.5 V to 5.5 V.

#### **Features and benefits** 2.

- High noise immunity
- Low power dissipation
- SOT353-1 and SOT753 package options
- ESD protection:
  - HBM JESD22-A114E: exceeds 2000 V
  - MM JESD22-A115-A: exceeds 200 V
  - CDM JESD22-C101C: exceeds 1000 V
- Specified from -40 °C to +125 °C

#### **Ordering information** 3.

#### Table 1. **Ordering information**

Type number	Package	<sup>a</sup> ckage							
	Temperature range	Name	Description	Version					
74AHC1G07GW	–40 °C to +125 °C	TSSOP5	plastic thin shrink small outline package;	SOT353-1					
74AHCT1G07GW			5 leads; body width 1.25 mm						
74AHC1G07GV	–40 °C to +125 °C	SC-74A	plastic surface-mounted package; 5 leads	SOT753					
74AHCT1G07GV									



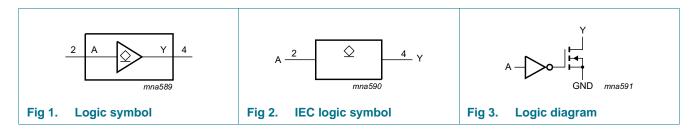
#### 4. Marking

#### Table 2. Marking codes

Type number	Marking[1]
74AHC1G07GW	AS
74AHC1G07GV	A07
74AHCT1G07GW	CS
74AHCT1G07GV	C07

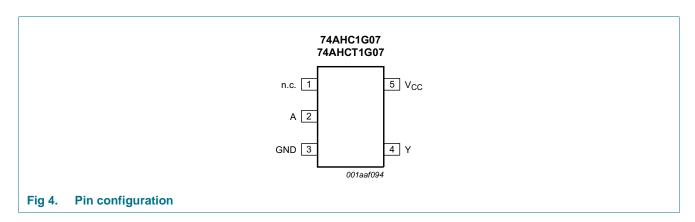
[1] The pin 1 indicator is located on the lower left corner of the device, below the marking code.

## 5. Functional diagram



## 6. Pinning information

#### 6.1 Pinning



#### 6.2 Pin description

Table 3. Pin description

Symbol	Pin	Description
n.c.	1	not connected
Α	2	data input
GND	3	ground (0 V)
Υ	4	data output
V <sub>CC</sub>	5	supply voltage

74AHC\_AHCT1G07

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

© NXP Semiconductors N.V. 2014. All rights reserved.

## 7. Functional description

#### Table 4. Function table

H = HIGH voltage level; L = LOW voltage level; Z = high-impedance OFF-state

Input	Output
A	Υ
L	L
Н	Z

## 8. Limiting values

#### Table 5. Limiting values

In accordance with the Absolute Maximum Rating System (IEC 60134).

Symbol	Parameter	Conditions		Min	Max	Unit
V <sub>CC</sub>	supply voltage			-0.5	+7.0	V
V <sub>I</sub>	input voltage			-0.5	+7.0	V
I <sub>IK</sub>	input clamping current	V <sub>I</sub> < -0.5 V		-20	-	mA
I <sub>OK</sub>	output clamping current	V <sub>O</sub> < -0.5 V	<u>[1]</u>	-	±20	mA
Io	output current	$V_{\rm O} > -0.5 \text{ V}$		-	±25	mA
Vo	output voltage	active mode	<u>[1]</u>	-0.5	+7.0	V
		high-impedance mode	<u>[1]</u>	-0.5	+7.0	V
I <sub>CC</sub>	supply current			-	75	mA
I <sub>GND</sub>	ground current			-75	-	mA
T <sub>stg</sub>	storage temperature			-65	+150	°C
P <sub>tot</sub>	total power dissipation	$T_{amb} = -40  ^{\circ}\text{C} \text{ to } +125  ^{\circ}\text{C}$	[2]	-	250	mW

<sup>[1]</sup> 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	74	AHC1G	07	74	Unit		
			Min	Тур	Max	Min	Тур	Max	
V <sub>CC</sub>	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	active mode	0	-	V <sub>CC</sub>	0	-	V <sub>CC</sub>	V
		high-impedance mode	0	-	6.0	0	-	6.0	V
T <sub>amb</sub>	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

<sup>[2]</sup> For both TSSOP5 and SC-74A packages: above 87.5 °C the value of Ptot derates linearly with 4.0 mW/K.

## 10. Static characteristics

Table 7. Static characteristics

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

Symbol	Parameter	Conditions		25 °C		-40 °C	to +85 °C	-40 °C t	o +125 °C	Unit
			Min	Тур	Max	Min	Max	Min	Max	
For type	74AHC1G07							-		1
V <sub>IH</sub>	HIGH-level	V <sub>CC</sub> = 2.0 V	1.5	-	-	1.5	-	1.5	-	V
	input voltage	V <sub>CC</sub> = 3.0 V	2.1	-	-	2.1	-	2.1	-	V
		V <sub>CC</sub> = 5.5 V	3.85	-	-	3.85	-	3.85	-	V
V <sub>IL</sub>	LOW-level	V <sub>CC</sub> = 2.0 V	-	-	0.5	-	0.5	-	0.5	V
	input voltage	V <sub>CC</sub> = 3.0 V	-	-	0.9	-	0.9	-	0.9	V
		V <sub>CC</sub> = 5.5 V	-	-	1.65	-	1.65	-	1.65	V
V <sub>OL</sub>	LOW-level	$V_I = V_{IH}$ or $V_{IL}$								
	output voltage	$I_O = 50 \mu A; V_{CC} = 2.0 \text{ V}$	-	0	0.1	-	0.1	-	0.1	V
		$I_O = 50 \mu A; V_{CC} = 3.0 \text{ V}$	-	0	0.1	-	0.1	-	0.1	V
		$I_O = 50 \mu A; V_{CC} = 4.5 V$	-	0	0.1	-	0.1	-	0.1	V
		$I_O = 4.0 \text{ mA}; V_{CC} = 3.0 \text{ V}$	-	-	0.36	-	0.44	-	0.55	V
		$I_O = 8.0 \text{ mA}; V_{CC} = 4.5 \text{ V}$	-	-	0.36	-	0.44	-	0.55	V
I <sub>I</sub>	input leakage current	V <sub>I</sub> = 5.5 V or GND; V <sub>CC</sub> = 0 V to 5.5 V	-	-	0.1	-	1.0	-	2.0	μА
l <sub>OZ</sub>	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	μА
I <sub>CC</sub>	supply current	$V_I = V_{CC}$ or GND; $I_O = 0$ A; $V_{CC} = 5.5 \text{ V}$	-	-	1.0	-	10	-	20	μΑ
Cı	input capacitance		-	1.5	10	-	10	-	10	pF
For type	74AHCT1G07					I			1	
V <sub>IH</sub>	HIGH-level input voltage	V <sub>CC</sub> = 4.5 V to 5.5 V	2.0	-	-	2.0	-	2.0	-	V
V <sub>IL</sub>	LOW-level input voltage	V <sub>CC</sub> = 4.5 V to 5.5 V	-	-	0.8	-	0.8	-	0.8	V
V <sub>OL</sub>	LOW-level	$V_I = V_{IH}$ or $V_{IL}$ ; $V_{CC} = 4.5 \text{ V}$								
	output voltage	I <sub>O</sub> = 50 μA	-	0	0.1	-	0.1	-	0.1	V
		I <sub>O</sub> = 8.0 mA	-	-	0.36	-	0.44	-	0.55	V
l <sub>l</sub>	input leakage current	V <sub>I</sub> = 5.5 V or GND; V <sub>CC</sub> = 0 V to 5.5 V	-	-	0.1	-	1.0	-	2.0	μА
I <sub>OZ</sub>	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	μА
I <sub>CC</sub>	supply current	$V_I = V_{CC}$ or GND; $I_O = 0$ A; $V_{CC} = 5.5 \text{ V}$	-	-	1.0	-	10	-	20	μА
Δl <sub>CC</sub>	additional supply current	per input pin; V <sub>I</sub> = 3.4 V;	-	-	1.35	-	1.5	-	1.5	mA
Cı	input capacitance		-	1.5	10	-	10	-	10	pF

74AHC\_AHCT1G07

## 11. Dynamic characteristics

#### Table 8. Dynamic characteristics

GND = 0 V;  $t_r = t_f = \le 3.0$  ns. For test circuit see <u>Figure 6</u>.

Symbol Parameter		Conditions			25 °C		-40 °C	to +85 °C	-40 °C t	o +125 °C	Unit
				Min	Тур	Max	Min	Max	Min	Max	
For type	74AHC1G07		•							1	
t <sub>PZL</sub>	OFF-state	A to Y; see Figure 5									
	to LOW propagation	$V_{CC} = 3.0 \text{ V to } 3.6 \text{ V}$	[1]								
	delay	C <sub>L</sub> = 15 pF		-	3.5	5.6	1.0	6.3	1.0	7.0	ns
		C <sub>L</sub> = 50 pF		-	5.0	8.0	1.0	9.0	1.0	10.0	ns
		$V_{CC} = 4.5 \text{ V to } 5.5 \text{ V}$	[2]								
		C <sub>L</sub> = 15 pF		-	2.5	3.9	1.0	4.6	1.0	4.9	ns
		C <sub>L</sub> = 50 pF		-	3.6	5.5	1.0	6.5	1.0	7.0	ns
t <sub>PLZ</sub>	LOW to	A to Y; see Figure 5									
	OFF-state	$V_{CC} = 3.0 \text{ V to } 3.6 \text{ V}$	[1]								
	propagation delay	C <sub>L</sub> = 15 pF		-	5.8	7.9	1.0	8.4	1.0	8.9	ns
		C <sub>L</sub> = 50 pF		-	8.3	11.5	1.0	12.0	1.0	12.5	ns
		$V_{CC} = 4.5 \text{ V to } 5.5 \text{ V}$	[2]								
	C <sub>L</sub> = 15 pF		-	4.2	5.1	1.0	5.6	1.0	6.1	ns	
		C <sub>L</sub> = 50 pF		-	6.0	7.5	1.0	8.0	1.0	8.5	ns
$C_{PD}$	power dissipation capacitance	per buffer; $C_L = 50 \text{ pF}$ ; $f = 1 \text{ MHz}$ ; $V_I = \text{GND to } V_{CC}$	[3]	-	5	-	-	-	-	-	pF
For type	74AHCT1G07	<u>'</u>								1	
t <sub>PZL</sub>	OFF-state	A to Y; see Figure 5									
	to LOW propagation	$V_{CC} = 4.5 \text{ V to } 5.5 \text{ V}$	[2]								
	delay	C <sub>L</sub> = 15 pF		-	2.8	4.6	1.0	5.3	1.0	5.6	ns
		C <sub>L</sub> = 50 pF		-	4.0	6.5	1.0	7.5	1.0	8.0	ns
t <sub>PLZ</sub>	LOW to	A to Y; see Figure 5									
	OFF-state	$V_{CC} = 4.5 \text{ V to } 5.5 \text{ V}$	[2]								
	propagation delay	C <sub>L</sub> = 15 pF		-	3.9	5.6	1.0	6.1	1.0	6.6	ns
		C <sub>L</sub> = 50 pF		-	5.5	8.0	1.0	8.5	1.0	9.0	ns
C <sub>PD</sub>	power dissipation capacitance	per buffer; $C_L = 50 \text{ pF}$ ; $f = 1 \text{ MHz}$ ; $V_I = \text{GND to } V_{CC}$		-	6.5	-	-	-	-	-	pF

<sup>[1]</sup> Typical values are measured at  $V_{CC}$  = 3.3 V.

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

 $f_i$  = input frequency in MHz;

 $f_o$  = output frequency in MHz;

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

 $V_{CC}$  = supply voltage in Volts

74AHC\_AHCT1G07

<sup>[2]</sup> Typical values are measured at  $V_{CC}$  = 5.0 V.

<sup>[3]</sup>  $C_{PD}$  is used to determine the dynamic power dissipation  $P_D$  ( $\mu W$ ).

#### 12. Waveforms

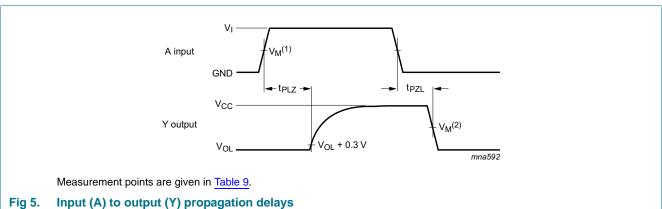
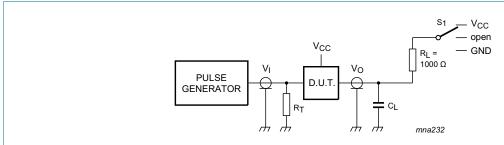


Table 9. **Measurement point** 

Туре	Input	Input					
	VI	V <sub>M</sub> <sup>(1)</sup>	V <sub>M</sub> <sup>(2)</sup>				
74AHC1G07	GND to V <sub>CC</sub>	$0.5 \times V_{CC}$	0.5 × V <sub>CC</sub>				
74AHCT1G07	GND to 3.0 V	1.5 V	0.5 × V <sub>CC</sub>				



Test data is given in Table 8. Definitions for test circuit:

C<sub>L</sub> = Load capacitance including jig and probe capacitance.

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

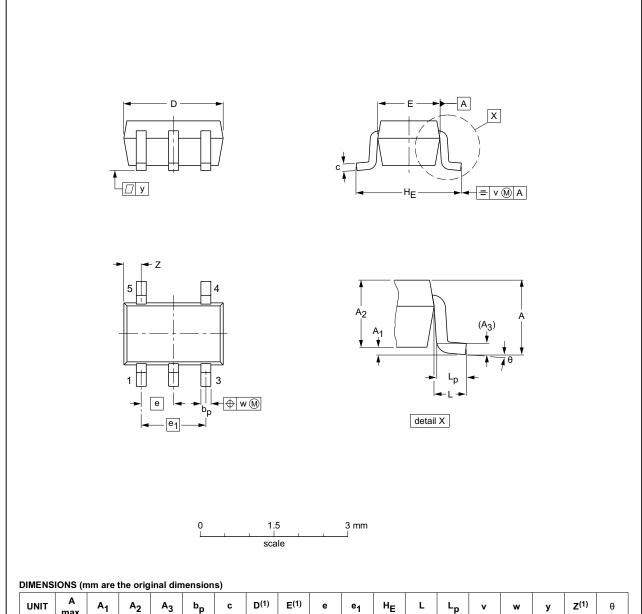
For  $t_{PLZ}$ ,  $t_{PZL}$ ,  $S_1 = V_{CC}$ 

Test circuit for measuring switching times Fig 6.

## 13. Package outline

TSSOP5: plastic thin shrink small outline package; 5 leads; body width 1.25 mm

SOT353-1



UNIT	A max.	A <sub>1</sub>	A <sub>2</sub>	A <sub>3</sub>	b <sub>p</sub>	С	D <sup>(1)</sup>	E(1)	е	e <sub>1</sub>	HE	L	Lp	v	w	у	Z <sup>(1)</sup>	θ
mm	1.1	0.1 0	1.0 0.8	0.15	0.30 0.15	0.25 0.08	2.25 1.85	1.35 1.15	0.65	1.3	2.25 2.0	0.425	0.46 0.21	0.3	0.1	0.1	0.60 0.15	7° 0°

#### Note

1. Plastic or metal protrusions of 0.15 mm maximum per side are not included.

OUTLINE		EUROPEAN	ISSUE DATE				
VERSION	IEC	JEDEC	JEITA		PROJECTION	ISSUE DATE	
SOT353-1		MO-203	SC-88A			<del>00-09-01</del> 03-02-19	

Fig 7. Package outline SOT353-1 (TSSOP5)

74AHC\_AHCT1G07

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

© NXP Semiconductors N.V. 2014. All rights reserved.

#### **SOT753** Plastic surface-mounted package; 5 leads В Α X = v (M) A $H_{\mathsf{E}}$ 5 Q 3 detail X **→ | w (M) B** е scale **DIMENSIONS** (mm are the original dimensions) UNIT D Q Α С Е $A_1$ bp е ΗE $L_{\mathbf{p}}$ w у 0.100 0.40 3.0 2.5 3.1 2.7 1.1 0.26 1.7 0.6 0.33 0.95 0.1 0.013 0.25 0.9 0.10 1.3 0.23 0.2 REFERENCES **EUROPEAN** OUTLINE ISSUE DATE VERSION JEDEC **PROJECTION** IEC **JEITA**

Fig 8. Package outline SOT753 (SC-74A)

74AHC\_AHCT1G07

SC-74A

02-04-16

06-03-16

SOT753

#### 14. Abbreviations

#### Table 10. Abbreviations

Acronym	Description
CDM	Charged Device Model
DUT	Device Under Test
ESD	ElectroStatic Discharge
НВМ	Human Body Model
MM	Machine Model
TTL	Transistor-Transistor Logic

# 15. Revision history

#### Table 11. Revision history

Document ID	Release date	Data sheet status	Change notice	Supersedes
74AHC_AHCT1G07 v.7	20141118	Product data sheet	-	74AHC_AHCT1G07 v.6
Modifications:	Section 4: table note added.			
74AHC_AHCT1G07 v.6	20070607	Product data sheet	-	74AHC_AHCT1G07 v.5
Modifications:	<ul> <li>The format of this data sheet has been redesigned to comply with the new identity guidelines of NXP Semiconductors.</li> </ul>			
	<ul> <li>Legal texts have</li> </ul>	ave been adapted to the new c	ompany name wher	e appropriate.
	Package SOT	Γ353 changed to SOT353-1 in	Section 3 and Section	on 13.
	<ul> <li>Quick referen</li> </ul>	ce data and Soldering sections	s removed.	
74AHC_AHCT1G07 v.5	20021002	Product specification	-	74AHC_AHCT1G07 v.4
74AHC_AHCT1G07 v.4	20020606	Product specification	-	74AHC_AHCT1G07 v.3
74AHC_AHCT1G07 v.3	20020221	Product specification	-	74AHC_AHCT1G07 v.2
74AHC_AHCT1G07 v.2	20010209	Product specification	-	74AHC_AHCT1G07 v.1
74AHC_AHCT1G07 v.1	20000502	Product specification	-	-

#### 16. Legal information

#### 16.1 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 <a href="http://www.nxp.com">http://www.nxp.com</a>.

#### 16.2 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. NXP Semiconductors 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 NXP Semiconductors 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 NXP Semiconductors and its customer, unless NXP Semiconductors and customer have explicitly agreed otherwise in writing. In no event however, shall an agreement be valid in which the NXP Semiconductors product is deemed to offer functions and qualities beyond those described in the Product data sheet.

#### 16.3 Disclaimers

Limited warranty and liability — Information in this document is believed to be accurate and reliable. However, NXP Semiconductors 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. NXP Semiconductors takes no responsibility for the content in this document if provided by an information source outside of NXP Semiconductors.

In no event shall NXP Semiconductors 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, NXP Semiconductors' 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 NXP Semiconductors.

Right to make changes — NXP Semiconductors 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 — NXP Semiconductors 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 NXP Semiconductors product can reasonably be expected to result in personal injury, death or severe property or environmental damage. NXP Semiconductors and its suppliers accept no liability for inclusion and/or use of NXP Semiconductors products in such equipment or applications and therefore such inclusion and/or use is at the customer's own risk.

**Applications** — Applications that are described herein for any of these products are for illustrative purposes only. NXP Semiconductors 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 NXP Semiconductors products, and NXP Semiconductors accepts no liability for any assistance with applications or customer product design. It is customer's sole responsibility to determine whether the NXP Semiconductors 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.

NXP Semiconductors 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 NXP Semiconductors 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). NXP 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 — NXP Semiconductors products are sold subject to the general terms and conditions of commercial sale, as published at <a href="http://www.nxp.com/profile/terms">http://www.nxp.com/profile/terms</a>, 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. NXP Semiconductors hereby expressly objects to applying the customer's general terms and conditions with regard to the purchase of NXP Semiconductors products by customer.

**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.

74AHC\_AHCT1G07

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

© NXP Semiconductors N.V. 2014. All rights reserved.

# 74AHC1G07; 74AHCT1G07

#### **Buffer with open-drain output**

**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 NXP Semiconductors 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. NXP Semiconductors 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 NXP Semiconductors' warranty of the product for such automotive applications, use and specifications, and (b) whenever customer uses the product for automotive applications beyond

NXP Semiconductors' specifications such use shall be solely at customer's own risk, and (c) customer fully indemnifies NXP Semiconductors for any liability, damages or failed product claims resulting from customer design and use of the product for automotive applications beyond NXP Semiconductors' standard warranty and NXP Semiconductors' 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.

#### 16.4 Trademarks

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

#### 17. Contact information

For more information, please visit: http://www.nxp.com

For sales office addresses, please send an email to: salesaddresses@nxp.com

#### 18. Contents

18	Contents
17	Contact information
16.4	Trademarks11
16.3	Disclaimers
16.2	Definitions
16.1	Data sheet status
16	Legal information 10
15	Revision history 9
14	Abbreviations9
13	Package outline
12	Waveforms 6
11	Dynamic characteristics 5
10	Static characteristics 4
9	Recommended operating conditions 3
8	Limiting values
-	Functional description
7	•
6.1 6.2	Pinning
<b>6</b> 6 1	Pinning information
5	Functional diagram
•	Marking
ა 4	
3	Ordering information
2	Features and benefits
1	General description

Please be aware that important notices concerning this document and the product(s) described herein, have been included in section 'Legal information'.

# **Mouser Electronics**

**Authorized Distributor** 

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

#### NXP:

<u>74AHC1G07GV,125</u> <u>74AHC1G07GW,125</u> <u>74AHC1G07GW,165</u> <u>74AHCT1G07GV,125</u> <u>74AHCT1G07GW,125</u> <u>74AHCT1G07GW,165</u>