74AXP2G14

Low-power dual Schmitt trigger inverter

Rev. 2 — 17 September 2015 Product data sheet

1. General description

The 74AXP2G14 is a dual inverter with Schmitt-trigger inputs. It transforms slowly changing input signals into sharply defined, jitter-free output signals.

This device ensures very low static and dynamic power consumption across the entire V_{CC} range from 0.7 V to 2.75 V. It is fully specified for partial power down applications using I_{OFF}. The I_{OFF} circuitry disables the output, preventing the potentially damaging backflow current through the device when it is powered down.

2. Features and benefits

- Wide supply voltage range from 0.7 V to 2.75 V
- Low input capacitance; C_I = 0.5 pF (typical)
- Low output capacitance; C_O = 1.0 pF (typical)
- Low dynamic power consumption; C_{PD} = 2.4 pF at V_{CC} = 1.2 V (typical)
- Low static power consumption; I_{CC} = 1.0 μA (85 °C maximum)
- High noise immunity
- Complies with JEDEC standard:
  - JESD8-12A.01 (1.1 V to 1.3 V)
  - JESD8-11A.01 (1.4 V to 1.6 V)
  - JESD8-7A (1.65 V to 1.95 V)
  - JESD8-5A.01 (2.3 V to 2.7 V)
- ESD protection:
  - HBM ANSI/ESDA/JEDEC JS-001 Class 2 exceeds 2 kV
  - CDM JESD22-C101E exceeds 1000 V
- Latch-up performance exceeds 100 mA per JESD 78 Class II
- Inputs accept voltages up to 2.75 V
- Low noise overshoot and undershoot < 10 % of V_{CC}
- I_{OFF} circuitry provides partial Power-down mode operation
- Multiple package options
- Specified from −40 °C to +85 °C

3. Ordering information

Table 1. Ordering information

Type number	Package			
	Temperature range	Name	Description	Version
74AXP2G14GM	–40 °C to +85 °C	XSON6	plastic extremely thin small outline package; no leads; 6 terminals; body 1 × 1.45 × 0.5 mm	SOT886
74AXP2G14GN	–40 °C to +85 °C	XSON6	extremely thin small outline package; no leads; 6 terminals; body 0.9 × 1.0 × 0.35 mm	SOT1115
74AXP2G14GS	–40 °C to +85 °C	XSON6	extremely thin small outline package; no leads; 6 terminals; body 1.0 × 1.0 × 0.35 mm	SOT1202
74AXP2G14GX	–40 °C to +85 °C	X2SON6	plastic thermal extremely thin small outline package; no leads; 6 terminals; body 1 × 0.8 × 0.35 mm	SOT1255

4. Marking

Table 2. Marking

Type number	Marking code[1]
74AXP2G14GM	rK
74AXP2G14GN	rK
74AXP2G14GS	rK
74AXP2G14GX	rK

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

5. Functional diagram

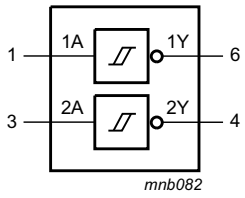


Fig 1. Logic symbol

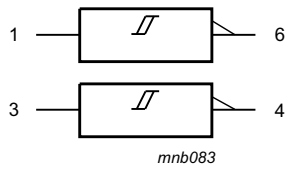


Fig 2. IEC logic symbol

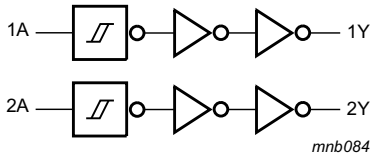
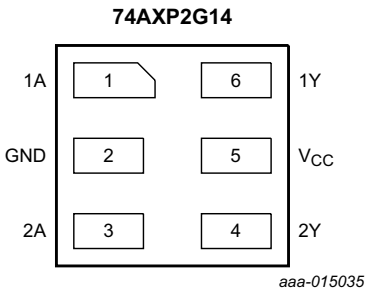


Fig 3. Logic diagram

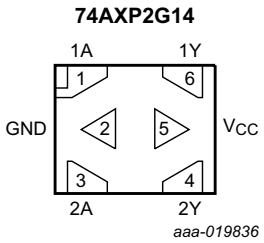
6. Pinning information

6.1 Pinning



Transparent top view

Fig 4. Pin configuration SOT886, SOT1115 and SOT1202 (XSON6)



Transparent top view

Fig 5. Pin configuration SOT1255 (X2SON6)

6.2 Pin description

Table 3. Pin description

Symbol	Pin	Description
1A	1	data input
GND	2	ground (0 V)
2A	3	data input
2Y	4	data output
V_{CC}	5	supply voltage
1Y	6	data output

7. Functional description

Table 4. Function table[1]

Input	Output
nA	**nY**
L	H
H	L

[1] H = HIGH voltage level; L = LOW voltage level.

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	+3.3	V
I_{IK}	input clamping current	V_I < 0 V	−50	-	mA
V_I	input voltage	[1]	−0.5	+3.3	V
I_{OK}	output clamping current	V_O < 0 V	−50	-	mA
V_O	output voltage	[1]	−0.5	+3.3	V
I_O	output current	V_O = 0 V to V_{CC}	-	±20	mA
I_{CC}	supply current		-	50	mA
I_{GND}	ground current		−50	-	mA
T_{stg}	storage temperature		−65	+150	°C
P_{tot}	total power dissipation	T_{amb} = −40 °C to +85 °C	-	250	mW

[1] The minimum 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	Min	Max	Unit
V_{CC}	supply voltage		0.7	2.75	V
V_I	input voltage		0	2.75	V
V_O	output voltage	Active mode	0	V_{CC}	V
		Power-down mode; V_{CC} = 0 V	0	2.75	V
T_{amb}	ambient temperature		−40	+85	°C

10. Static characteristics

Table 7. Static characteristics

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

Symbol	Parameter	Conditions	T_{amb} = −40 °C to +85 °C				Unit
			Min	Typ 25 °C	Max 25 °C	Max 85 °C	
V_{T+}	positive-going threshold voltage	see Figure 6 and Figure 7					
		V_{CC} = 0.75 V to 0.85 V	$0.3V_{CC}$	-	$0.8V_{CC}$	$0.8V_{CC}$	V
		V_{CC} = 1.1 V to 1.95 V	$0.4V_{CC}$	-	$0.7V_{CC}$	$0.7V_{CC}$	V
		V_{CC} = 2.3 V to 2.7 V	0.9	-	1.7	1.7	V
V_{T-}	negative-going threshold voltage	see Figure 6 and Figure 7					
		V_{CC} = 0.75 V to 0.85 V	$0.2V_{CC}$	-	$0.7V_{CC}$	$0.7V_{CC}$	V
		V_{CC} = 1.1 V to 1.95 V	$0.3V_{CC}$	-	$0.6V_{CC}$	$0.6V_{CC}$	V
		V_{CC} = 2.3 V to 2.7 V	0.7	-	1.5	1.5	V

Table 7. Static characteristics *…continued*

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

Symbol	Parameter	Conditions	T_{amb} = –40 °C to +85 °C				Unit
			Min	Typ 25 °C	Max 25 °C	Max 85 °C	
V_H	hysteresis voltage	see Figure 6 and Figure 7					
		V_{CC} = 0.75 V to 0.85 V	0.06V_{CC}	-	0.5V_{CC}	0.5V_{CC}	V
		V_{CC} = 1.1 V to 1.95 V	0.1V_{CC}	-	0.4V_{CC}	0.4V_{CC}	V
		V_{CC} = 2.3 V to 2.7 V	0.2	-	1.0	1.0	V
V_{OH}	HIGH-level output voltage	I_O = –20 μA; V_{CC} = 0.7 V	-	0.69	-	-	V
		I_O = –100 μA; V_{CC} = 0.75 V	0.65	-	-	-	V
		I_O = –2 mA; V_{CC} = 1.1 V	0.825	-	-	-	V
		I_O = –3 mA; V_{CC} = 1.4 V	1.05	-	-	-	V
		I_O = –4.5 mA; V_{CC} = 1.65 V	1.2	-	-	-	V
		I_O = –8 mA; V_{CC} = 2.3 V	1.7	-	-	-	V
V_{OL}	LOW-level output voltage	I_O = 20 μA; V_{CC} = 0.7 V	-	0.01	-	-	V
		I_O = 100 μA; V_{CC} = 0.75 V	-	-	0.1	0.1	V
		I_O = 2 mA; V_{CC} = 1.1 V	-	-	0.275	0.275	V
		I_O = 3 mA; V_{CC} = 1.4 V	-	-	0.35	0.35	V
		I_O = 4.5 mA; V_{CC} = 1.65 V	-	-	0.45	0.45	V
		I_O = 8 mA; V_{CC} = 2.3 V	-	-	0.7	0.7	V
I_I	input leakage current	V_I = 0 V to 2.75 V; V_{CC} = 0 V to 2.75 V [1]	-	0.001	±0.1	±0.5	μA
I_{OFF}	power-off leakage current	V_I or V_O = 0 V to 2.75 V; V_{CC} = 0 V [1]	-	0.01	±0.1	±0.5	μA
ΔI_{OFF}	additional power-off leakage current	V_I or V_O = 0 V or 2.75 V; V_{CC} = 0 V to 0.1 V [1]	-	0.02	±0.1	±0.5	μA
I_{CC}	supply current	V_I = 0 V or V_{CC}; I_O = 0 A [1]	-	0.01	0.3	1.0	μA
ΔI_{CC}	additional supply current	V_I = V_{CC} – 0.5 V; I_O = 0 A; V_{CC} = 2.5 V	-	2	100	150	μA

[1] Typical values are measured at V_{CC} = 1.2 V.

10.1 Waveform transfer characteristics

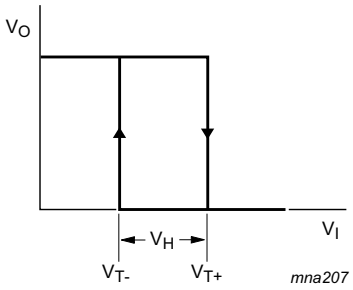


Fig 6. Transfer characteristic

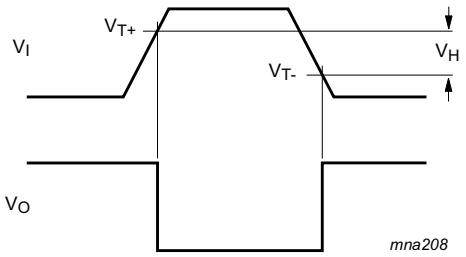


Fig 7. Definition of V_{T+}, V_{T-}, and V_H

11. Dynamic characteristics

Table 8. Dynamic characteristics

Voltages are referenced to GND (ground = 0 V); for test circuit, see Figure 14.

Symbol	Parameter	Conditions	T_{amb} = 25 °C			T_{amb} = –40 °C to +85 °C		Unit
			Min	Typ[1]	Max	Min	Max	
t_{pd}	propagation delay	nA to nY; see Figure 8 [2][3]						
		V_{CC} = 0.75 V to 0.85 V	3	12	38	2	126	ns
		V_{CC} = 1.1 V to 1.3 V	2.0	4.6	7.4	1.8	7.7	ns
		V_{CC} = 1.4 V to 1.6 V	1.6	3.5	5.0	1.4	5.4	ns
		V_{CC} = 1.65 V to 1.95 V	1.4	2.9	4.2	1.2	4.6	ns
		V_{CC} = 2.3 V to 2.7 V	1.2	2.3	3.2	1.0	3.5	ns
t_t	transition time	V_{CC} = 2.7 V; see Figure 8 [4]	-	-	-	1.0	-	ns
C_I	input capacitance	V_I = 0 V or V_{CC}; V_{CC} = 0 V to 2.75 V	-	0.5	-	-	-	pF
C_O	output capacitance	V_O = 0 V; V_{CC} = 0 V	-	1.0	-	-	-	pF
C_{PD}	power dissipation capacitance	f_i = 1 MHz; V_I = 0 V to V_{CC} [5]						
		V_{CC} = 0.75 V to 0.85 V	-	2.3	-	-	-	pF
		V_{CC} = 1.1 V to 1.3 V	-	2.4	-	-	-	pF
		V_{CC} = 1.4 V to 1.6 V	-	2.5	-	-	-	pF
		V_{CC} = 1.65 V to 1.95 V	-	2.6	-	-	-	pF
		V_{CC} = 2.3 V to 2.7 V	-	2.9	-	-	-	pF

[1] All typical values are measured at nominal V_{CC}.

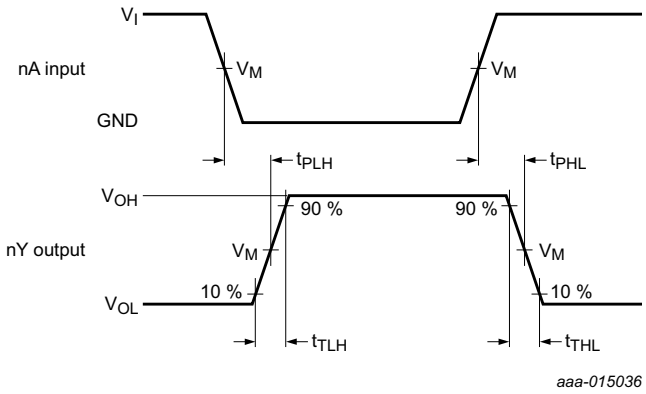
[2] t_{pd} is the same as t_{PLH} and t_{PHL}.

[3] For additional propagation delay values at different load capacitances, see Figure 9 to Figure 13.

[4] t_t is the same as t_{THL} and t_{TLH}.

[5] C_{PD} is used to determine the dynamic power dissipation (P_D in μW).
$P_D = C_{PD} \times V_{CC}^2 \times f_i \times N + C_L \times V_{CC}^2 \times f_o$ 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.

12. Waveforms



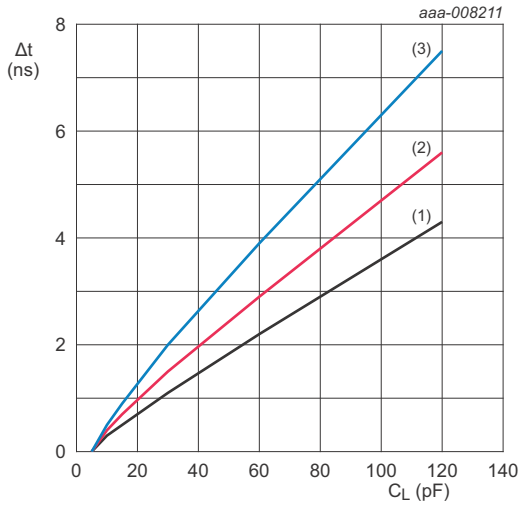
Measurement points are given in Table 9.

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

Fig 8. The data input (nA) to output (nY) propagation delays

Table 9. Measurement points

Supply voltage	Input			Output
V_{CC}	V_M	V_I	$t_r = t_f$	V_M
0.75 V to 2.7 V	$0.5V_{CC}$	V_{CC}	≤ 3.0 ns	$0.5V_{CC}$



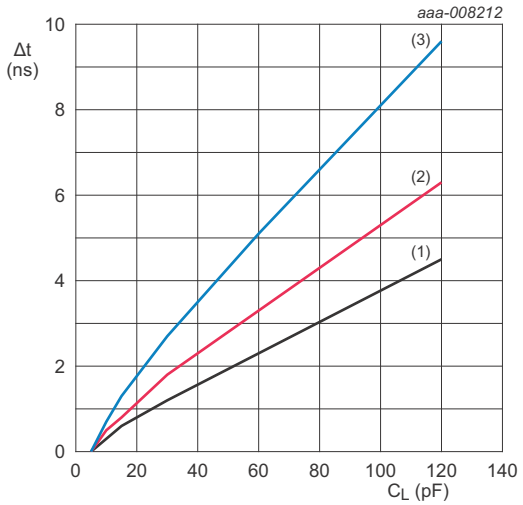
T_{amb} = –40 °C to +85 °C unless otherwise specified.

(1) Minimum: V_{CC} = 2.7 V

(2) Typical: T_{amb} = 25 °C; V_{CC} = 2.5 V

(3) Maximum: V_{CC} = 2.3 V

Fig 9. Additional t_{pd} versus load capacitance



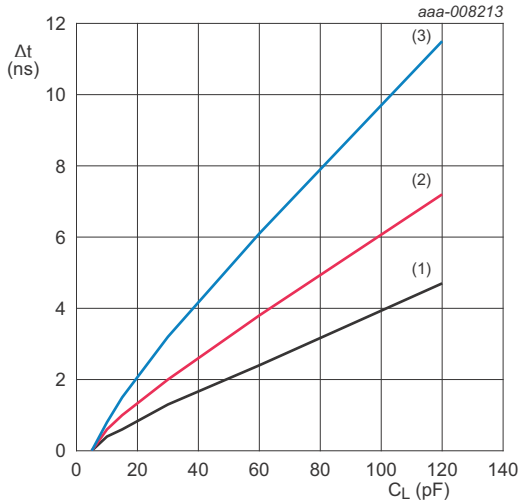
T_{amb} = –40 °C to +85 °C unless otherwise specified.

(1) Minimum: V_{CC} = 1.95 V

(2) Typical: T_{amb} = 25 °C; V_{CC} = 1.8 V

(3) Maximum: V_{CC} = 1.65 V

Fig 10. Additional t_{pd} versus load capacitance



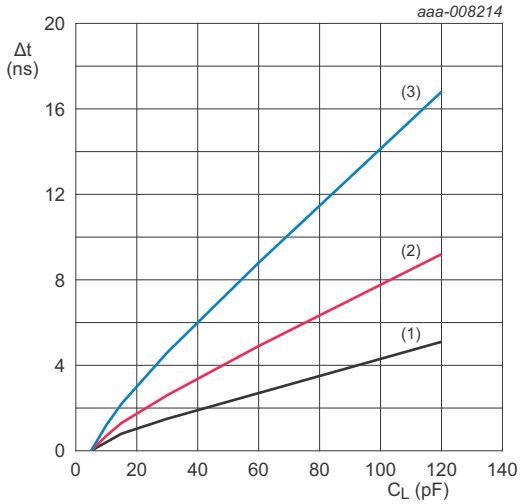
T_{amb} = −40 °C to +85 °C unless otherwise specified.

(1) Minimum: V_{CC} = 1.6 V

(2) Typical: T_{amb} = 25 °C; V_{CC} = 1.5 V

(3) Maximum: V_{CC} = 1.4 V

Fig 11. Additional t_{pd} versus load capacitance



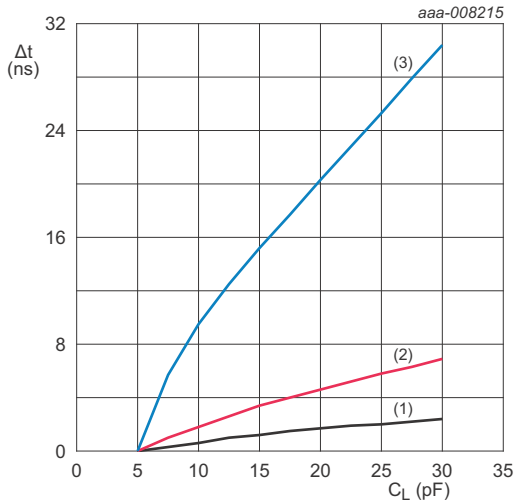
T_{amb} = −40 °C to +85 °C unless otherwise specified.

(1) Minimum: V_{CC} = 1.3 V

(2) Typical: T_{amb} = 25 °C; V_{CC} = 1.2 V

(3) Maximum: V_{CC} = 1.1 V

Fig 12. Additional t_{pd} versus load capacitance



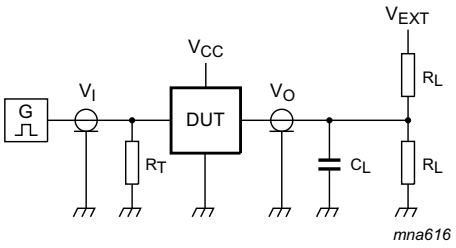
T_{amb} = −40 °C to +85 °C unless otherwise specified.

(1) Minimum: V_{CC} = 0.85 V

(2) Typical: T_{amb} = 25 °C; V_{CC} = 0.8 V

(3) Maximum: V_{CC} = 0.75 V

Fig 13. Additional t_{pd} versus load capacitance



Test data is given in Table 10.

Definitions for test circuit:

R_L = Load resistance.

C_L = Load capacitance including jig and probe capacitance.

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

V_{EXT} = External voltage for measuring switching times.

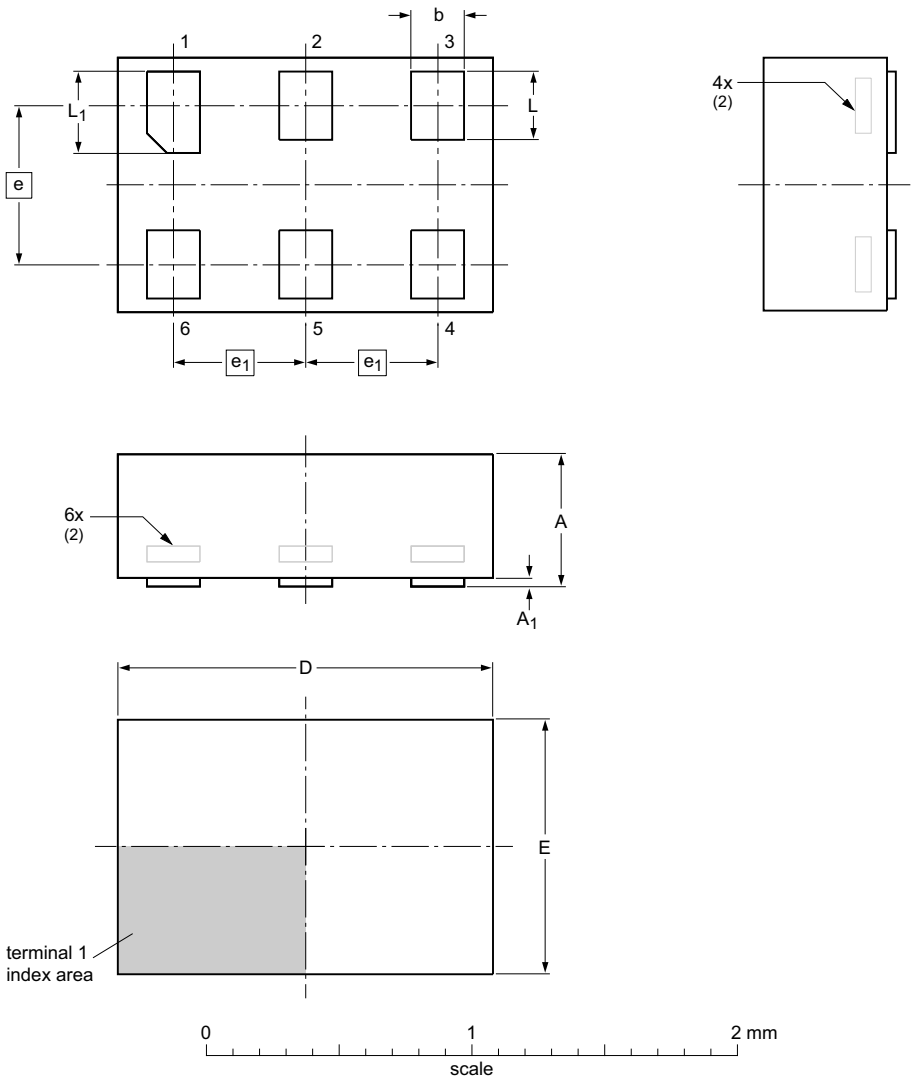
Fig 14. Test circuit for measuring switching times

Table 10. Test data

Supply voltage	Load		V_{EXT}		
V_{CC}	C_L	R_L	t_{PLH}, t_{PHL}	t_{PZH}, t_{PHZ}	t_{PZL}, t_{PLZ}
0.75 V to 2.7 V	5 pF	10 kΩ	0 V	0 V	$2 \times V_{CC}$

13. Package outline

XSON6: plastic extremely thin small outline package; no leads; 6 terminals; body 1 x 1.45 x 0.5 mm SOT886



Dimensions (mm are the original dimensions)

Unit		A(1)	A_1	b	D	E	e	e_1	L	L_1
mm	max	0.5	0.04	0.25	1.50	1.05			0.35	0.40
	nom			0.20	1.45	1.00	0.6	0.5	0.30	0.35
	min			0.17	1.40	0.95			0.27	0.32

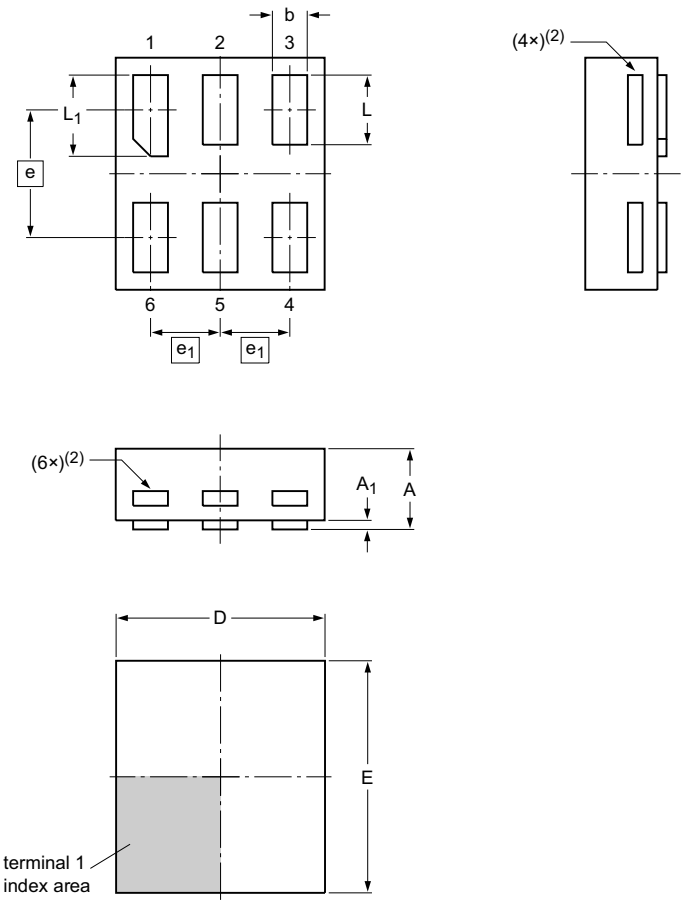
Notes
1. Including plating thickness.
2. Can be visible in some manufacturing processes.

sot886_po

Outline version	References				European projection	Issue date
	IEC	JEDEC	JEITA			
SOT886		MO-252				~~04-07-22~~ 12-01-05

Fig 15. Package outline SOT886 (XSON6)

XSON6: extremely thin small outline package; no leads;
6 terminals; body 0.9 x 1.0 x 0.35 mm **SOT1115**



Dimensions

Unit		$A^{(1)}$	A_1	b	D	E	e	e_1	L	L_1
mm	max	0.35	0.04	0.20	0.95	1.05			0.35	0.40
	nom			0.15	0.90	1.00	0.55	0.3	0.30	0.35
	min			0.12	0.85	0.95			0.27	0.32

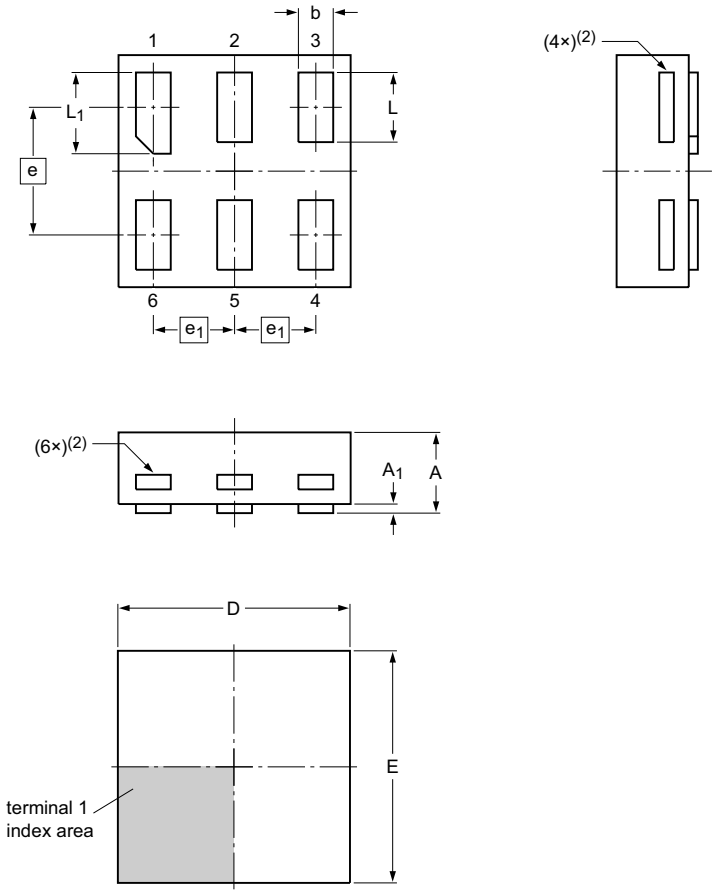
Note
1. Including plating thickness.
2. Visible depending upon used manufacturing technology.

sot1115_po

Outline version	References				European projection	Issue date
	IEC	JEDEC	JEITA			
SOT1115						~~10-04-02~~ 10-04-07

Fig 16. Package outline SOT1115 (XSON6)

XSON6: extremely thin small outline package; no leads;
6 terminals; body 1.0 x 1.0 x 0.35 mm **SOT1202**



Dimensions

Unit		A(1)	A1	b	D	E	e	e1	L	L1
mm	max	0.35	0.04	0.20	1.05	1.05			0.35	0.40
	nom			0.15	1.00	1.00	0.55	0.35	0.30	0.35
	min			0.12	0.95	0.95			0.27	0.32

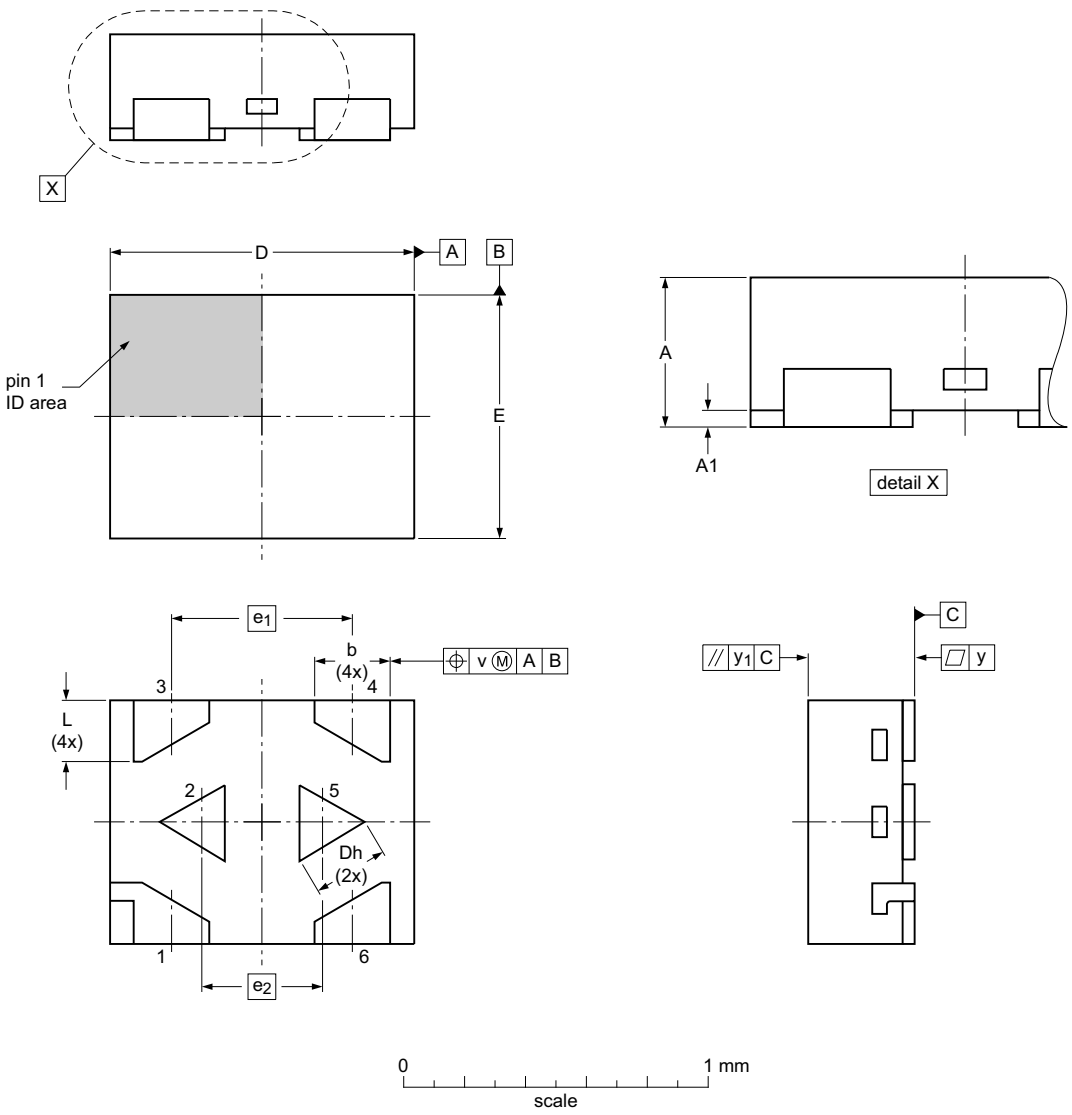
Note
1. Including plating thickness.
2. Visible depending upon used manufacturing technology.

sot1202_po

Outline version	References				European projection	Issue date
	IEC	JEDEC	JEITA			
SOT1202						~~10-04-02~~ 10-04-06

Fig 17. Package outline SOT1202 (XSON6)

X2SON6: plastic thermal enhanced extremely thin small outline package; no leads; 6 terminals; body 1.0 x 0.8 x 0.35 mm **SOT1255**



Dimensions (mm are the original dimensions)

Unit		A	A_1	D	D_h	E	e_1	e_2	b	L	v	y	y_1
	max	0.35	0.04	1.05	0.30	0.85			0.30	0.25			
mm	nom	0.32	0.02	1.00	0.25	0.80	0.60	0.40	0.25	0.20	0.10	0.05	0.05
	min	0.30	0.00	0.95	0.22	0.75			0.22	0.17			

sot1255_po

Outline version	References				European projection	Issue date
	IEC	JEDEC	JEITA			
SOT1255						~~15-07-20~~ 15-07-22

Fig 18. Package outline SOT1255 (X2SON6)

14. Abbreviations

Table 11. Abbreviations

Acronym	Description
CDM	Charged Device Model
DUT	Device Under Test
ESD	ElectroStatic Discharge
HBM	Human Body Model

15. Revision history

Table 12. Revision history

Document ID	Release date	Data sheet status	Change notice	Supersedes
74AXP2G14 v.2	20150917	Product data sheet	-	74AXP2G14 v.1
Modifications:	• Added type number 74AXP2G14GX (SOT1255/X2SON6).			
74AXP2G14 v.1	20141009	Product data sheet	-	-

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 http://www.nexperia.com.

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. 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.

16.3 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 a 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.

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 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.

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.

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.nexperia.com**

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

18. Contents

For more information, please visit: http://www.nexperia.com
For sales office addresses, please send an email to: salesaddresses@nexperia.com
Date of release: 17 September 2015

Стандарт Электрон Связь

Мы молодая и активно развивающаяся компания в области поставок электронных компонентов. Мы поставляем электронные компоненты отечественного и импортного производства напрямую от производителей и с крупнейших складов мира.

Благодаря сотрудничеству с мировыми поставщиками мы осуществляем комплексные и плановые поставки широчайшего спектра электронных компонентов.

Собственная эффективная логистика и склад в обеспечивает надежную поставку продукции в точно указанные сроки по всей России.

Мы осуществляем техническую поддержку нашим клиентам и предпродажную проверку качества продукции. На все поставляемые продукты мы предоставляем гарантию .

Осуществляем поставки продукции под контролем ВП МО РФ на предприятия военно-промышленного комплекса России , а также работаем в рамках 275 ФЗ с открытием отдельных счетов в уполномоченном банке. Система менеджмента качества компании соответствует требованиям ГОСТ ISO 9001.

Минимальные сроки поставки, гибкие цены, неограниченный ассортимент и индивидуальный подход к клиентам являются основой для выстраивания долгосрочного и эффективного сотрудничества с предприятиями радиоэлектронной промышленности, предприятиями ВПК и научно-исследовательскими институтами России.

С нами вы становитесь еще успешнее!

Наши контакты:

Телефон: +7 812 627 14 35

Электронная почта: sales@st-electron.ru

Адрес: 198099, Санкт-Петербург, Промышленная ул, дом № 19, литера Н, помещение 100-Н Офис 331