Low-power dual inverter and single buffer Rev. 3 — 25 April 2019

Product data sheet

1. General description

The 74AUP3G0434 is a dual inverter and single buffer.

Schmitt trigger action at all inputs makes the circuit tolerant of slower input rise and fall times across the entire V_{CC} range from 0.8 V to 3.6 V.

This device ensures a very low static and dynamic power consumption across the entire V_{CC} range from 0.8 V to 3.6 V.

This device is fully specified for partial Power-down applications using I_{OFF} . The I_{OFF} circuitry disables the output, preventing a damaging backflow current through the device when it is powered down.

2. Features and benefits

- Wide supply voltage range from 0.8 V to 3.6 V
- High noise immunity
- Complies with JEDEC standards:
 - JESD8-12 (0.8 V to 1.3 V)
 - JESD8-11 (0.9 V to 1.65 V)
 - JESD8-7 (1.2 V to 1.95 V)
 - JESD8-5 (1.8 V to 2.7 V)
 - JESD8-B (2.7 V to 3.6 V)
- ESD protection:
 - HBM JESD22-A114F Class 3A exceeds 5000 V
 - MM JESD22-A115-A exceeds 200 V
 - CDM JESD22-C101E exceeds 1000 V
- Low static power consumption; $I_{CC} = 0.9 \mu A$ (maximum)
- Latch-up performance exceeds 100 mA per JESD 78B Class II
- Inputs accept voltages up to 3.6 V
- Low noise overshoot and undershoot < 10 % of V_{CC}
- IOFF circuitry provides partial Power-down mode operation
- Multiple package options
- Specified from -40 °C to +85 °C and -40 °C to +125 °C

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Version

SOT765-1

Low-power dual inverter and single buffer

3. Ordering information

Table 1. Ordering in	formation		
Type number	Package		
	Temperature range	Name	Description
74AUP3G0434DC	-40 °C to +125 °C	VSSOP8	plastic very thin shrink small outline package; 8 leads; body width 2.3 mm
74AUP3G0434GT	-40 °C to +125 °C	XSON8	plastic extremely thin small outline package; no leads; 8 terminals; body 1 x 1.95 x 0.5 mm
74AUP3G0434GF	-40 °C to +125 °C	XSON8	extremely thin small outline package; no leads

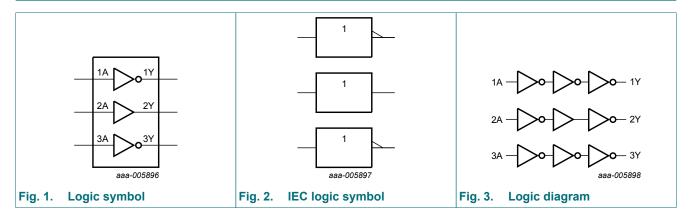
74AUP3G0434GT	-40 °C to +125 °C	XSON8	plastic extremely thin small outline package; no leads; 8 terminals; body 1 x 1.95 x 0.5 mm	SOT833-1
74AUP3G0434GF	-40 °C to +125 °C	XSON8	extremely thin small outline package; no leads; 8 terminals; body 1.35 x 1 x 0.5 mm	SOT1089
74AUP3G0434GM	-40 °C to +125 °C	XQFN8	plastic, extremely thin quad flat package; no leads; 8 terminals; body 1.6 x 1.6 x 0.5 mm	SOT902-2
74AUP3G0434GN	-40 °C to +125 °C	XSON8	extremely thin small outline package; no leads; 8 terminals; body 1.2 x 1.0 x 0.35 mm	SOT1116
74AUP3G0434GS	-40 °C to +125 °C	XSON8	extremely thin small outline package; no leads; 8 terminals; body 1.35 x 1.0 x 0.35 mm	SOT1203

4. Marking

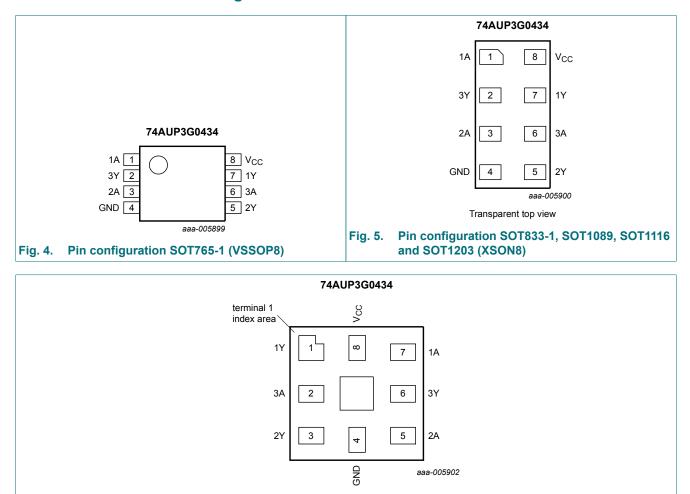
Table 2. Marking codes	
Type number	Marking code[1]
74AUP3G0434DC	pZ
74AUP3G0434GT	pZ
74AUP3G0434GF	pZ
74AUP3G0434GM	pZ
74AUP3G0434GN	pΖ
74AUP3G0434GS	pΖ

[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

Fig. 6. Pin configuration SOT902-2 (XQFN8)

6.2. Pin description

Table 3. Pin description	on		
Symbol	Pin	Description	
	SOT765-1, SOT833-1, SOT1089, SOT1116 and SOT1203	SOT902-2	
1A, 2A, 3A	1, 3, 6	7, 5, 2	data input
1Y, 2Y, 3Y	7, 5, 2	1, 3, 6	data output
GND	4	4	ground (0 V)
V _{CC}	8	8	supply voltage

Transparent top view

7. Functional description

Table 4. Function table

H = *HIGH* voltage level; *L* = *LOW* voltage level.

-	Output
1A,3A	1Y, 3Y
L	Н
Н	L

Table 5. Function table

H = *HIGH* voltage level; *L* = *LOW* voltage level.

Input	Output
2A	2Y
L	L
Н	Н

8. Limiting values

Table 6. 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	+4.6	V
I _{IK}	input clamping current	V ₁ < 0 V		-50	-	mA
VI	input voltage		[1]	-0.5	+4.6	V
I _{OK}	output clamping current	V _O < 0 V		-50	-	mA
Vo	output voltage	Active mode and Power-down mode	[1]	-0.5	+4.6	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 +125 °C	[2]	-	250	mW

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

[2] For VSSOP8 packages: above 110 °C the value of Ptot derates linearly with 8.0 mW/K.

For XSON8 and XQFN8 packages: above 118 °C the value of P_{tot} derates linearly with 7.8 mW/K.

9. Recommended operating conditions

Symbol	Parameter	Conditions	Min	Мах	Unit
V _{CC}	supply voltage		0.8	3.6	V
VI	input voltage		0	3.6	V
Vo	output voltage	Active mode	0	V _{CC}	V
		Power-down mode; V_{CC} = 0 V	0	3.6	V
T _{amb}	ambient temperature		-40	+125	°C
Δt/ΔV	input transition rise and fall rate	V _{CC} = 0.8 V to 3.6 V	-	200	ns/V

74AUP3G0434

10. Static characteristics

Table 8. Static characteristics

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

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
T _{amb} = 2				7 1		
V _{IH}	HIGH-level input voltage	V _{CC} = 0.8 V	0.70V _{CC}	_	_	V
• 10	in or lover input vertage	$V_{\rm CC} = 0.9 \text{ V to } 1.95 \text{ V}$	0.65V _{CC}	_	_	V
		$V_{CC} = 2.3 \text{ V to } 2.7 \text{ V}$	1.6	-	_	V
		$V_{\rm CC} = 3.0 \text{ V to } 3.6 \text{ V}$	2.0	_	_	V
V _{IL}	LOW-level input voltage	$V_{\rm CC} = 0.8 \text{ V}$	-	_	0.30V _{CC}	V
- 12	g	$V_{\rm CC} = 0.9 \text{ V to } 1.95 \text{ V}$		_	0.35V _{CC}	V
		$V_{\rm CC} = 2.3 \text{ V to } 2.7 \text{ V}$	-	-	0.7	V
		V _{CC} = 3.0 V to 3.6 V		-	0.9	V
V _{OH}	HIGH-level output voltage	$V_{I} = V_{IH} \text{ or } V_{IL}$				
011		$I_{\rm O} = -20 \ \mu\text{A}; \ V_{\rm CC} = 0.8 \ \text{V to } 3.6 \ \text{V}$	V _{CC} - 0.1	-	-	V
		$I_0 = -1.1 \text{ mA}; V_{CC} = 1.1 \text{ V}$	0.75V _{CC}	-	-	V
		$I_0 = -1.7 \text{ mA}; V_{CC} = 1.4 \text{ V}$	1.11	-	-	V
		$I_{O} = -1.9 \text{ mA}; V_{CC} = 1.65 \text{ V}$	1.32	-	-	V
		$I_0 = -2.3 \text{ mA}; V_{CC} = 2.3 \text{ V}$	2.05	-	-	V
		$I_0 = -3.1 \text{ mA}; V_{CC} = 2.3 \text{ V}$	1.9	-	_	V
		$I_0 = -2.7 \text{ mA}; V_{CC} = 3.0 \text{ V}$	2.72	-	-	V
		I _O = -4.0 mA; V _{CC} = 3.0 V	2.6	-	-	V
V _{OL}	LOW-level output voltage	$V_{I} = V_{IH} \text{ or } V_{IL}$				
		I_{O} = 20 µA; V_{CC} = 0.8 V to 3.6 V	-	-	0.1	V
		I _O = 1.1 mA; V _{CC} = 1.1 V	-	-	0.3V _{CC}	V
		I _O = 1.7 mA; V _{CC} = 1.4 V	-	-	0.31	V
		I _O = 1.9 mA; V _{CC} = 1.65 V	-	-	0.31	V
		I _O = 2.3 mA; V _{CC} = 2.3 V	-	-	0.31	V
		I _O = 3.1 mA; V _{CC} = 2.3 V	-	-	0.44	V
		I _O = 2.7 mA; V _{CC} = 3.0 V	-	-	0.31	V
		I _O = 4.0 mA; V _{CC} = 3.0 V	-	-	0.44	V
lı	input leakage current	V_{I} = GND to 3.6 V; V_{CC} = 0 V to 3.6 V	-	-	±0.1	μA
I _{OFF}	power-off leakage current	V_{I} or V_{O} = 0 V to 3.6 V; V_{CC} = 0 V	-	-	±0.2	μA
ΔI _{OFF}	additional power-off leakage current	$V_1 \text{ or } V_0 = 0 \text{ V to } 3.6 \text{ V};$ $V_{CC} = 0 \text{ V to } 0.2 \text{ V}$	-	-	±0.2	μA
I _{CC}	supply current	$V_{I} = GND \text{ or } V_{CC}; I_{O} = 0 \text{ A};$ $V_{CC} = 0.8 \text{ V to } 3.6 \text{ V}$	-	-	0.5	μA
ΔI _{CC}	additional supply current	$V_{I} = V_{CC} - 0.6 \text{ V}; I_{O} = 0 \text{ A};$ $V_{CC} = 3.3 \text{ V}$	-	-	40	μA
CI	input capacitance	V_{CC} = 0 V to 3.6 V; V _I = GND or V _{CC}	-	1.0	-	pF
Co	output capacitance	$V_{O} = GND; V_{CC} = 0 V$	-	1.8	_	pF

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
T _{amb} = -4	40 °C to +85 °C				•	
VIH	HIGH-level input voltage	V _{CC} = 0.8 V	0.70V _{CC}	-	-	V
		V _{CC} = 0.9 V to 1.95 V	0.65V _{CC}	-	-	V
		V _{CC} = 2.3 V to 2.7 V	1.6	-	-	V
		V _{CC} = 3.0 V to 3.6 V	2.0	-	-	V
V _{IL}	LOW-level input voltage	V _{CC} = 0.8 V	-	-	0.30V _{CC}	V
		V _{CC} = 0.9 V to 1.95 V	-	-	0.35V _{CC}	V
		V _{CC} = 2.3 V to 2.7 V	-	-	0.7	V
		V _{CC} = 3.0 V to 3.6 V	-	-	0.9	V
V _{OH}	HIGH-level output voltage	$V_{I} = V_{IH} \text{ or } V_{IL}$				-
		I_{O} = -20 µA; V_{CC} = 0.8 V to 3.6 V	V _{CC} - 0.1	-	-	V
		I _O = -1.1 mA; V _{CC} = 1.1 V	0.7V _{CC}	-	-	V
		I _O = -1.7 mA; V _{CC} = 1.4 V	1.03	-	-	V
		I _O = -1.9 mA; V _{CC} = 1.65 V	1.30	-	-	V
		I_0 = -2.3 mA; V_{CC} = 2.3 V	1.97	-	-	V
		I _O = -3.1 mA; V _{CC} = 2.3 V	1.85	-	-	V
		I _O = -2.7 mA; V _{CC} = 3.0 V	2.67	-	-	V
		I _O = -4.0 mA; V _{CC} = 3.0 V	2.55	-	-	V
V _{OL}	LOW-level output voltage	$V_{I} = V_{IH} \text{ or } V_{IL}$				-
		I_{O} = 20 µA; V_{CC} = 0.8 V to 3.6 V	-	-	0.1	V
		I _O = 1.1 mA; V _{CC} = 1.1 V	-	-	0.3V _{CC}	V
		I _O = 1.7 mA; V _{CC} = 1.4 V	-	-	0.37	V
		I _O = 1.9 mA; V _{CC} = 1.65 V	-	-	0.35	V
		I _O = 2.3 mA; V _{CC} = 2.3 V	-	-	0.33	V
		I _O = 3.1 mA; V _{CC} = 2.3 V	-	-	0.45	V
		I _O = 2.7 mA; V _{CC} = 3.0 V	-	-	0.33	V
		I _O = 4.0 mA; V _{CC} = 3.0 V	-	-	0.45	V
l _l	input leakage current	V_I = GND to 3.6 V; V_{CC} = 0 V to 3.6 V	-	-	±0.5	μA
I _{OFF}	power-off leakage current	$V_{I} \text{ or } V_{O} = 0 \text{ V to } 3.6 \text{ V}; V_{CC} = 0 \text{ V}$	-	-	±0.5	μA
ΔI _{OFF}	additional power-off leakage current	$V_1 \text{ or } V_0 = 0 \text{ V to } 3.6 \text{ V};$ $V_{CC} = 0 \text{ V to } 0.2 \text{ V}$	-	-	±0.6	μA
I _{CC}	supply current	$V_{I} = GND \text{ or } V_{CC}; I_{O} = 0 \text{ A};$ $V_{CC} = 0.8 \text{ V to } 3.6 \text{ V}$	-	-	0.9	μA
ΔI _{CC}	additional supply current	$V_{I} = V_{CC} - 0.6 \text{ V}; I_{O} = 0 \text{ A};$ $V_{CC} = 3.3 \text{ V}$	-	-	50	μA

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
T _{amb} = -4	40 °C to +125 °C					
VIH	HIGH-level input voltage	V _{CC} = 0.8 V	0.75V _{CC}	-	-	V
		V _{CC} = 0.9 V to 1.95 V	0.70V _{CC}	-	-	V
		V _{CC} = 2.3 V to 2.7 V	1.6	-	-	V
		V _{CC} = 3.0 V to 3.6 V	2.0	-	-	V
V _{IL}	LOW-level input voltage	V _{CC} = 0.8 V	-	-	0.25V _{CC}	V
		V _{CC} = 0.9 V to 1.95 V	-	-	0.30V _{CC}	V
		V _{CC} = 2.3 V to 2.7 V	-	-	0.7	V
		V _{CC} = 3.0 V to 3.6 V	-	-	0.9	V
V _{OH}	HIGH-level output voltage	$V_{I} = V_{IH} \text{ or } V_{IL}$				
		I_{O} = -20 µA; V_{CC} = 0.8 V to 3.6 V	V _{CC} - 0.11	-	-	V
		I _O = -1.1 mA; V _{CC} = 1.1 V	0.6V _{CC}	-	-	V
		I _O = -1.7 mA; V _{CC} = 1.4 V	0.93	-	-	V
		I _O = -1.9 mA; V _{CC} = 1.65 V	1.17	-	-	V
		$I_{\rm O}$ = -2.3 mA; $V_{\rm CC}$ = 2.3 V	1.77	-	-	V
		I _O = -3.1 mA; V _{CC} = 2.3 V	1.67	-	-	V
		I _O = -2.7 mA; V _{CC} = 3.0 V	2.40	-	-	V
		I _O = -4.0 mA; V _{CC} = 3.0 V	2.30	-	-	V
V _{OL}	LOW-level output voltage	$V_{I} = V_{IH} \text{ or } V_{IL}$				
		I_{O} = 20 µA; V_{CC} = 0.8 V to 3.6 V	-	-	0.11	V
		I _O = 1.1 mA; V _{CC} = 1.1 V	-	-	0.33V _{CC}	V
		I _O = 1.7 mA; V _{CC} = 1.4 V	-	-	0.41	V
		I _O = 1.9 mA; V _{CC} = 1.65 V	-	-	0.39	V
		I _O = 2.3 mA; V _{CC} = 2.3 V	-	-	0.36	V
		I _O = 3.1 mA; V _{CC} = 2.3 V	-	-	0.50	V
		I _O = 2.7 mA; V _{CC} = 3.0 V	-	-	0.36	V
		I _O = 4.0 mA; V _{CC} = 3.0 V	-	-	0.50	V
l _l	input leakage current	V_{I} = GND to 3.6 V; V_{CC} = 0 V to 3.6 V	-	-	±0.75	μA
I _{OFF}	power-off leakage current	V_{I} or V_{O} = 0 V to 3.6 V; V_{CC} = 0 V	-	-	±0.75	μA
ΔI _{OFF}	additional power-off leakage current	$V_1 \text{ or } V_0 = 0 \text{ V to } 3.6 \text{ V};$ $V_{CC} = 0 \text{ V to } 0.2 \text{ V}$	-	-	±0.75	μA
I _{CC}	supply current	$V_{I} = GND \text{ or } V_{CC}; I_{O} = 0 \text{ A};$ $V_{CC} = 0.8 \text{ V to } 3.6 \text{ V}$	-	-	1.4	μA
ΔI _{CC}	additional supply current	$V_{I} = V_{CC} - 0.6 \text{ V}; I_{O} = 0 \text{ A};$ $V_{CC} = 3.3 \text{ V}$	-	-	75	μA

11. Dynamic characteristics

Table 9. Dynamic characteristics

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

Symbol	Parameter	Conditions		25 °C			-40 °C to +125 °C		
				Typ[1]	Мах	Min	Max (85 °C)	Max (125 °C)	
C _L = 5 p	F								
t _{pd}	propagation delay	nA to nY; see Fig. 7 [2]							
		V _{CC} = 0.8 V	-	16.0	-	-	-	-	ns
		V _{CC} = 1.1 V to 1.3 V	2.4	5.0	10.3	2.0	11.4	12.6	ns
		V _{CC} = 1.4 V to 1.6 V	1.8	3.6	6.4	1.6	7.4	8.2	ns
		V _{CC} = 1.65 V to 1.95 V	1.5	2.9	5.0	1.4	5.9	6.5	ns
		V _{CC} = 2.3 V to 2.7 V	1.2	2.4	3.9	1.1	4.5	5.0	ns
		V _{CC} = 3.0 V to 3.6 V	1.1	2.1	3.2	1.0	3.9	4.3	ns
C _L = 10	pF								
t _{pd}	propagation delay	nA to nY; see Fig. 7 [2]							
		V _{CC} = 0.8 V	-	19.8	-	-	-	-	ns
		V _{CC} = 1.1 V to 1.3 V	2.8	5.9	12.2	2.3	13.7	15.1	ns
		V _{CC} = 1.4 V to 1.6 V	2.3	4.2	7.5	1.9	8.7	9.6	ns
		V _{CC} = 1.65 V to 1.95 V	2.0	3.5	5.9	1.7	7.0	7.7	ns
		V _{CC} = 2.3 V to 2.7 V	1.7	2.9	4.6	1.5	5.4	6.0	ns
		V _{CC} = 3.0 V to 3.6 V	1.6	2.7	3.8	1.4	4.5	5.1	ns
C _L = 15	pF								
t _{pd}	propagation delay	nA to nY; see Fig. 7 [2]							
		V _{CC} = 0.8 V	-	23.3	-	-	-	-	ns
		V _{CC} = 1.1 V to 1.3 V	3.2	6.7	13.0	2.6	15.8	17.4	ns
		V _{CC} = 1.4 V to 1.6 V	2.6	4.7	8.6	2.2	10.0	11.0	ns
		V _{CC} = 1.65 V to 1.95 V	2.3	4.0	6.7	2.0	8.0	8.8	ns
		V _{CC} = 2.3 V to 2.7 V	2.1	3.3	5.1	1.8	6.1	6.8	ns
		V _{CC} = 3.0 V to 3.6 V	2.0	3.1	4.2	1.6	5.0	5.5	ns
C _L = 30	pF								
t _{pd}	propagation delay	nA to nY; see Fig. 7 [2]							
		V _{CC} = 0.8 V	-	33.6	-	-	-	-	ns
		V _{CC} = 1.1 V to 1.3 V	4.4	8.9	16.3	3.6	19.0	20.9	ns
		V _{CC} = 1.4 V to 1.6 V	3.6	6.3	10.8	3.2	12.9	14.2	ns
		V _{CC} = 1.65 V to 1.95 V	3.2	5.3	9.0	2.9	10.5	11.6	ns
		V _{CC} = 2.3 V to 2.7 V	2.9	4.5	6.5	2.6	7.6	8.5	ns
		V _{CC} = 3.0 V to 3.6 V	2.9	4.2	5.6	2.5	6.2	7.2	ns

Symbol	Parameter	Conditions	25 °C		-40 °C to +125 °C		Unit		
		Min Ty		Typ[1]	Мах	Min	Max (85 °C)	Max (125 °C)	
C _L = 5 p	F, 10 pF, 15 pF and	30 pF			I				
C _{PD}	power dissipation	$f_i = 1 \text{ MHz}; V_I = \text{GND to } V_{CC}$ [3][4]							
	capacitance	V _{CC} = 0.8 V	-	2.5	-	-	-	-	pF
		V _{CC} = 1.1 V to 1.3 V	-	2.7	-	-	-	-	pF
		V _{CC} = 1.4 V to 1.6 V	-	2.8	-	-	-	-	pF
		V _{CC} = 1.65 V to 1.95 V	-	3.0	-	-	-	-	pF
		V _{CC} = 2.3 V to 2.7 V	-	3.5	-	-	-	-	pF
		V _{CC} = 3.0 V to 3.6 V	-	4.0	-	-	-	-	pF

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

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

[3] All specified values are the average typical values over all stated loads.

 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: [4]

 f_i = input frequency in MHz;

fo = output frequency in MHz;

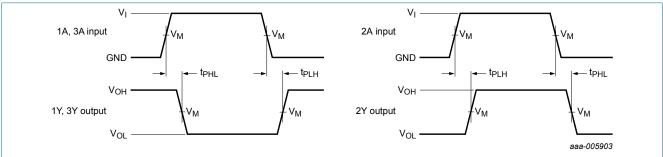
C_L = load capacitance in pF;

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.

11.1. Waveforms and test circuit



Measurement points are given in <u>Table 10</u>.

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

The data input 1A to output 1Y, input 2A to output 2Y and input 3A to output 3Y propagation delays Fig. 7.

Table 10. Measurement points

Supply voltage	Output	Input		
V _{cc}	V _M	V _M	VI	t _r = t _f
0.8 V to 3.6 V	0.5V _{CC}	0.5V _{CC}	V _{CC}	≤ 3.0 ns

Low-power dual inverter and single buffer

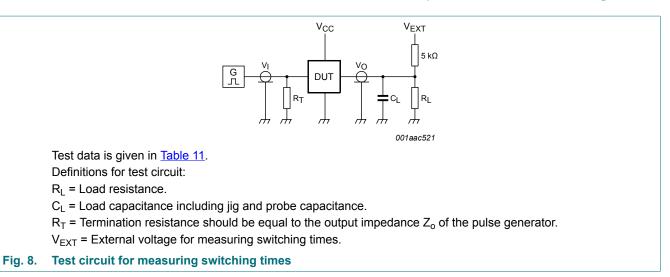


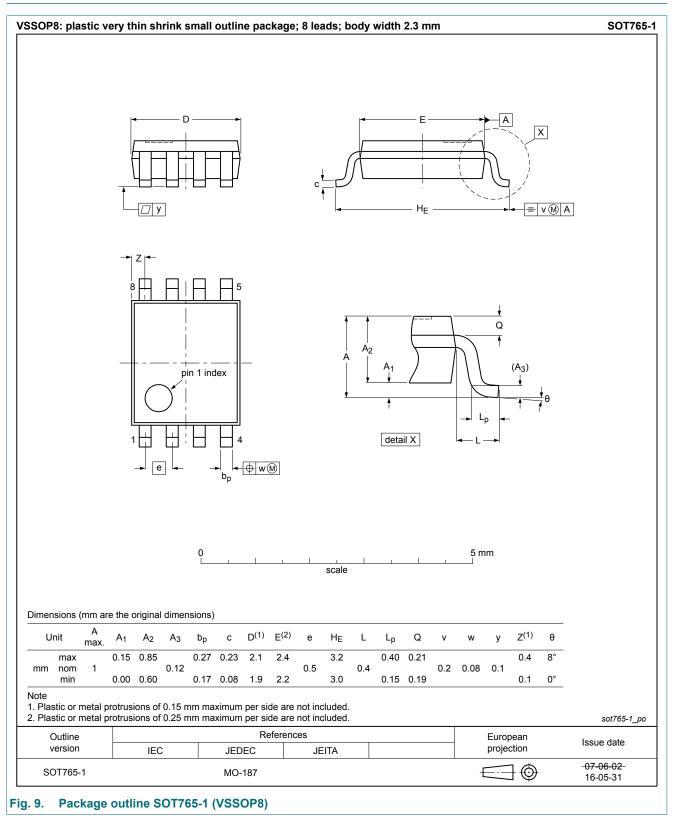
Table 11. Test data

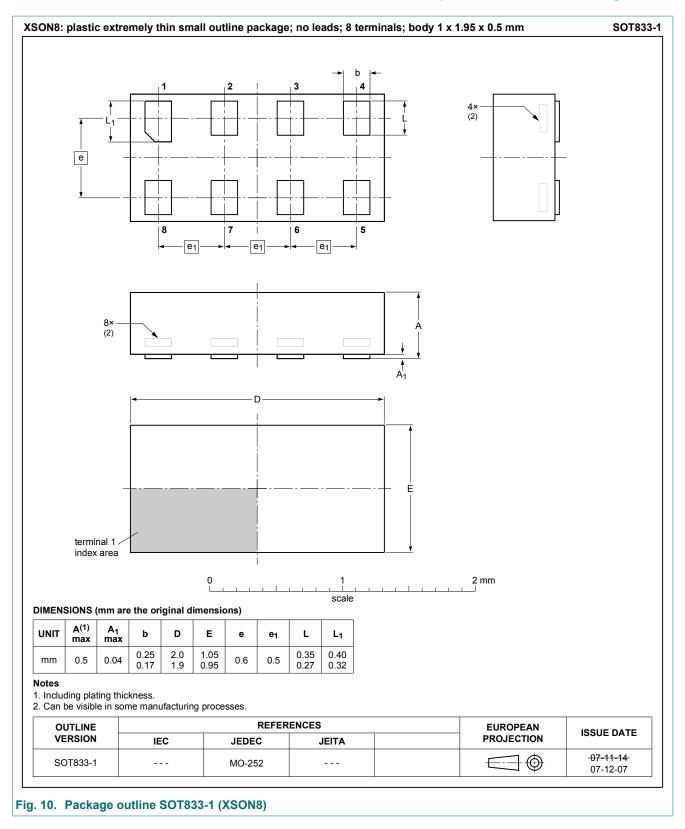
Supply voltage	Load		V _{EXT}		
Vcc	CL	R _L [1]	t _{PLH} , t _{PHL}	t _{PZH} , t _{PHZ}	t _{PZL} , t _{PLZ}
0.8 V to 3.6 V	5 pF, 10 pF, 15 pF, and 30 pF	5 kΩ or 1 MΩ	open	GND	2V _{CC}

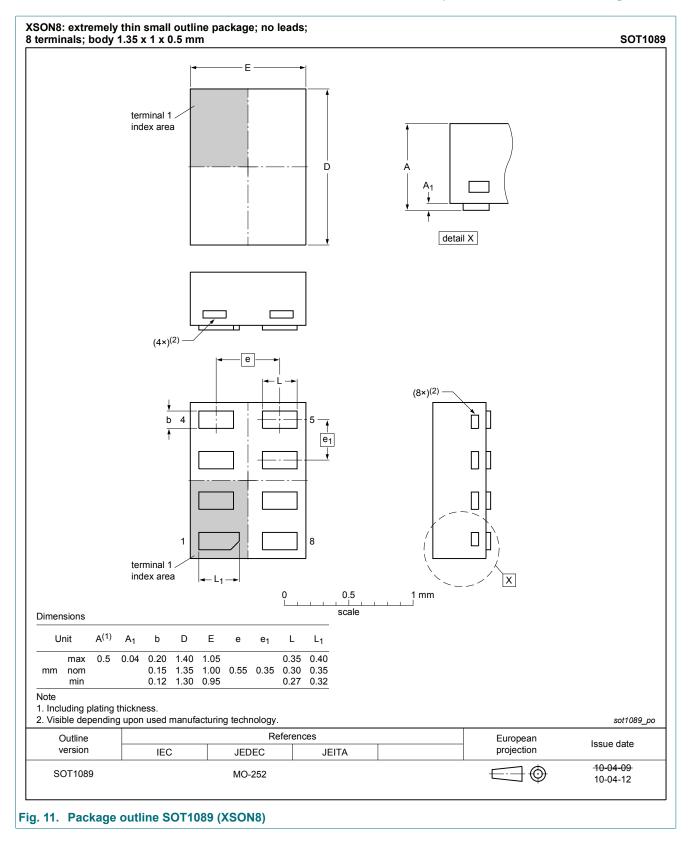
[1] For measuring enable and disable times, $R_L = 5 k\Omega$. For measuring propagation delays, setup and hold times, and pulse width, $R_L = 1 M\Omega$.

74AUP3G0434

12. Package outline







Low-power dual inverter and single buffer

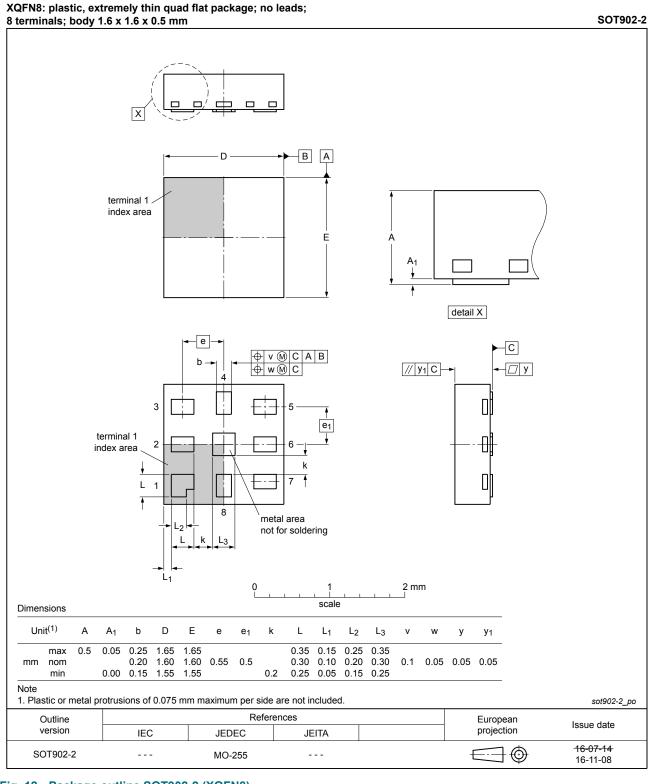
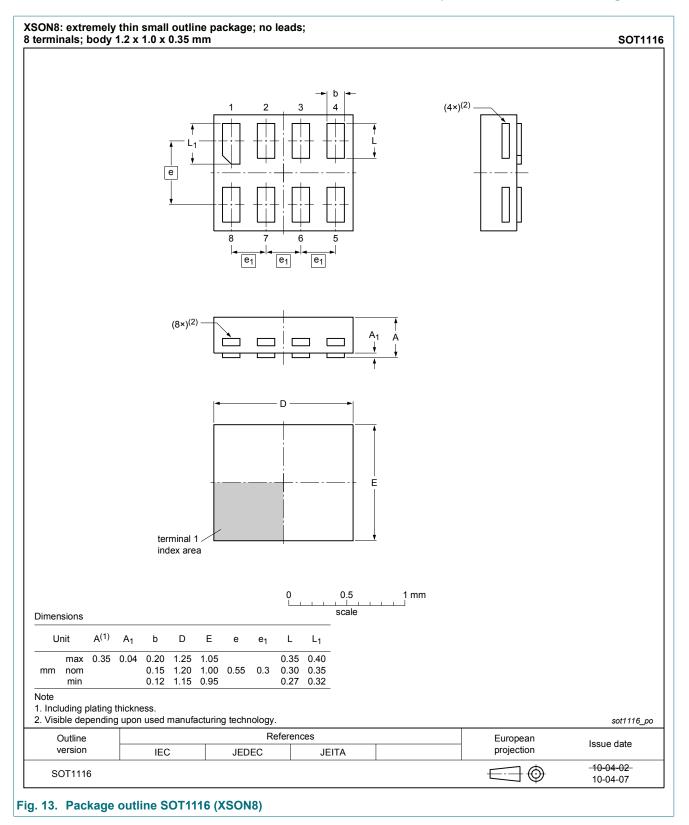
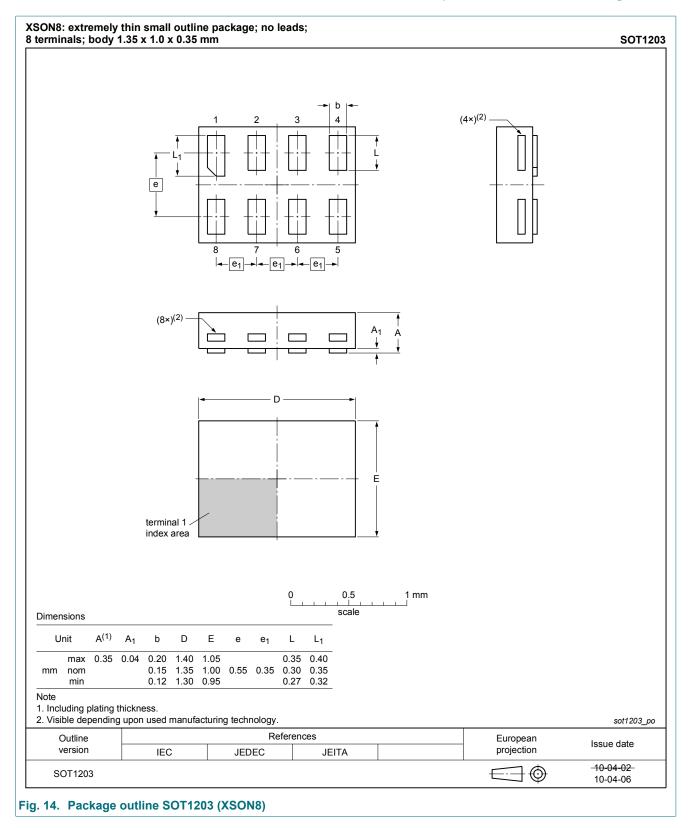


Fig. 12. Package outline SOT902-2 (XQFN8)





13. Abbreviations

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

14. Revision history

Table 13. Revision history

Document ID	Release date	Data sheet status	Change notice	Supersedes
74AUP3G0434 v.3	20190425	Product data sheet	-	74AUP3G0434 v.2
Modifications:	Nexperia. Legal texts hat Type number 	this data sheet has been rede ave been adapted to the new o 74AUP3G0434GD (SOT996-2 ine drawing SOT765-1 and SC	company name where 2/XSON8) removed.	
74AUP3G0434 v.2	20130117	Product data sheet	-	74AUP3G0434 v.1
Modifications:	For type num	ber 74AUP3G0434GD XSON	3U has changed to X	SON8.
74AUP3G0434 v.1	20121217	Product data sheet	-	-

74AUP3G0434

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.

[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 <u>https://www.nexperia.com</u>.

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Contents

1. General description	1
2. Features and benefits	1
3. Ordering information	2
4. Marking	2
5. Functional diagram	2
6. Pinning information	3
6.1. Pinning	3
6.2. Pin description	3
7. Functional description	4
8. Limiting values	4
9. Recommended operating conditions	4
10. Static characteristics	5
11. Dynamic characteristics	8
11. Dynamic characteristics 11.1. Waveforms and test circuit	
-	9
11.1. Waveforms and test circuit	9 11
11.1. Waveforms and test circuit	9 11 17
11.1. Waveforms and test circuit12. Package outline13. Abbreviations	9 11 17 17

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