

74AUP3G17

Low-power triple Schmitt trigger

Rev. 4 — 31 July 2023

Product data sheet

1. General description

The 74AUP3G17 provides three Schmitt trigger buffers. It is capable of transforming slowly changing input signals into sharply defined, jitter-free output signals.

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 the damaging backflow current through the device when it is powered down.

The inputs switch at different points for positive and negative-going signals. The difference between the positive voltage V_{T+} and the negative voltage V_{T-} is defined as the input hysteresis voltage V_H .

2. Features and benefits

- Wide supply voltage range from 0.8 V to 3.6 V
- High noise immunity
- Low static power consumption; $I_{CC} = 0.9 \mu\text{A}$ (maximum)
- Latch-up performance exceeds 100 mA per JESD 78 Class II
- Inputs accept voltages up to 3.6 V
- Low noise overshoot and undershoot < 10 % of V_{CC}
- I_{OFF} circuitry provides partial Power-down mode operation
- ESD protection:
 - HBM: ANSI/ESDA/JEDEC JS-001 class 3A exceeds 5000 V
 - CDM: ANSI/ESDA/JEDEC JS-002 class C3 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 | | | Version |
|-----------------------------|-------------------|--------|---|--------------------------|
| | Temperature range | Name | Description | |
| 74AUP3G17DC | -40 °C to +125 °C | VSSOP8 | plastic very thin shrink small outline package; 8 leads; body width 2.3 mm | SOT765-1 |
| 74AUP3G17GT | -40 °C to +125 °C | XSON8 | plastic extremely thin small outline package; no leads; 8 terminals; body 1 × 1.95 × 0.5 mm | SOT833-1 |
| 74AUP3G17GN | -40 °C to +125 °C | XSON8 | extremely thin small outline package; no leads; 8 terminals; body 1.2 × 1.0 × 0.35 mm | SOT1116 |
| 74AUP3G17GS | -40 °C to +125 °C | XSON8 | extremely thin small outline package; no leads; 8 terminals; body 1.35 × 1.0 × 0.35 mm | SOT1203 |

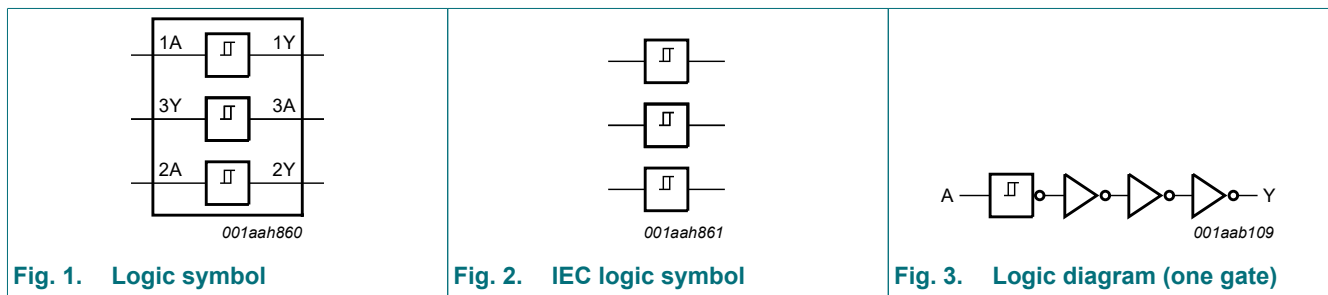
4. Marking

Table 2. Marking

| Type number | Marking code [1] |
|-------------|------------------|
| 74AUP3G17DC | pV |
| 74AUP3G17GT | pV |
| 74AUP3G17GN | pV |
| 74AUP3G17GS | pV |

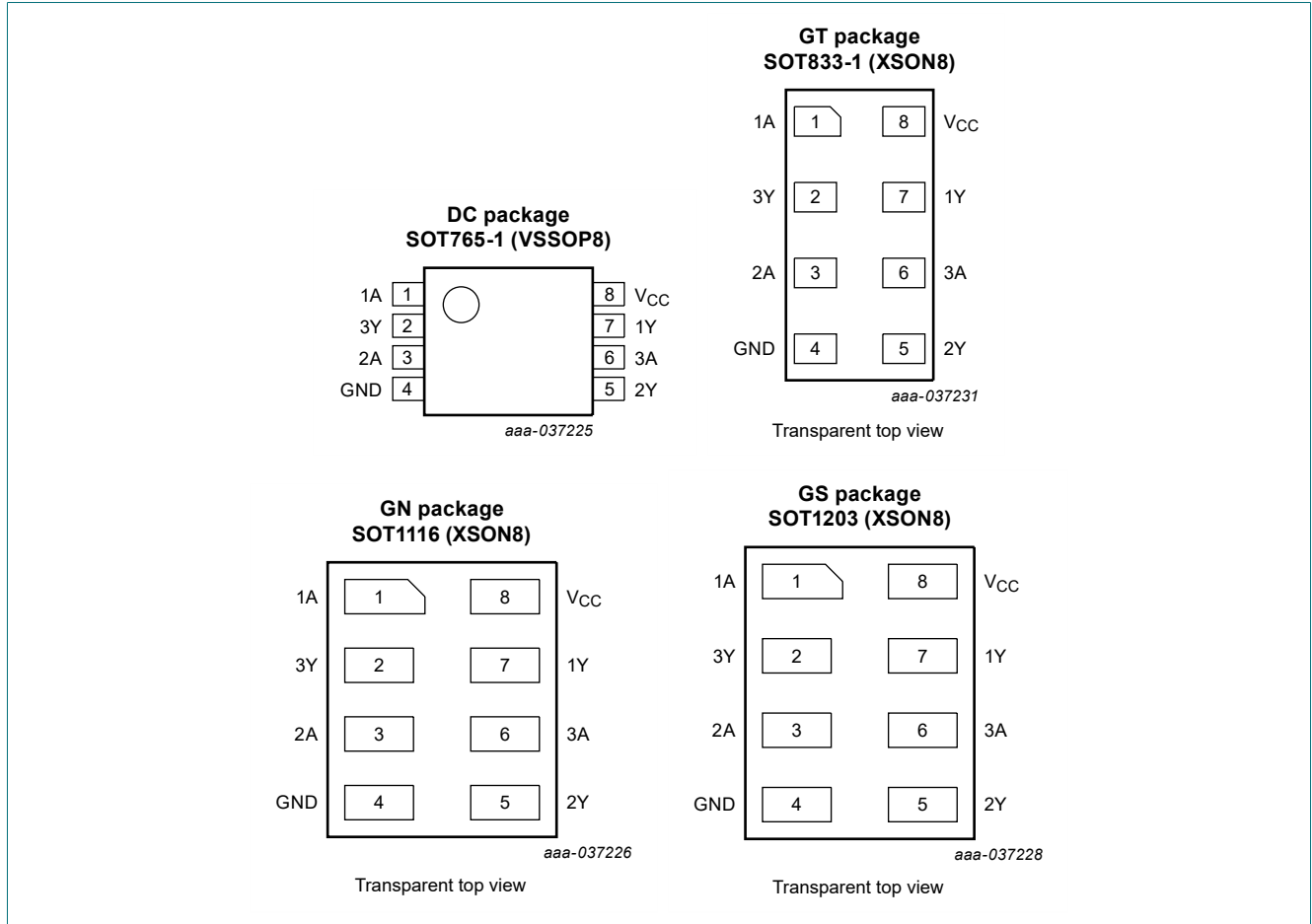
[1] The pin 1 indicator is located on the lower left corner of the device, below the marking code.

5. Functional diagram



6. Pinning information

6.1. Pinning



6.2. Pin description

Table 3. Pin description

| Symbol | Pin | Description |
|-----------------|---------|----------------|
| 1A, 2A, 3A | 1, 3, 6 | data input |
| GND | 4 | ground (0 V) |
| 1Y, 2Y, 3Y | 7, 5, 2 | data output |
| V _{CC} | 8 | supply voltage |

7. Functional description

Table 4. Function table

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

| Input | Output |
|-------|--------|
| nA | nY |
| L | L |
| H | H |

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 | +4.6 | V |
| I_{IK} | input clamping current | $V_I < 0$ V | -50 | - | mA |
| V_I | input voltage | | [1] -0.5 | +4.6 | V |
| I_{OK} | output clamping current | $V_O < 0$ V | -50 | - | mA |
| V_O | 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 input and output voltage ratings may be exceeded if the input and output current ratings are observed.

[2] For SOT765-1 (VSSOP8) package: P_{tot} derates linearly with 4.9 mW/K above 99 °C.
 For SOT833-1 (XSON8) package: P_{tot} derates linearly with 3.1 mW/K above 68 °C.
 For SOT1116 (XSON8) package: P_{tot} derates linearly with 4.2 mW/K above 90 °C.
 For SOT1203 (XSON8) package: P_{tot} derates linearly with 3.6 mW/K above 81 °C.

9. Recommended operating conditions

Table 6. Recommended operating conditions

| Symbol | Parameter | Conditions | Min | Max | Unit |
|-----------|---------------------|---------------------------------|-----|----------|------|
| V_{CC} | supply voltage | | 0.8 | 3.6 | V |
| V_I | input voltage | | 0 | 3.6 | V |
| V_O | 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 |

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 to +85 °C | | -40 °C to +125 °C | | Unit |
|-------------------|--------------------------------------|--|-----------------------|-----|--------------------|-----------------------|--------------------|------------------------|---------------------|------|
| | | | Min | Typ | Max | Min | Max | Min | Max | |
| V _{OH} | HIGH-level output voltage | V _I = V _{T+} or V _{T-} | | | | | | | | |
| | | I _O = -20 µA; V _{CC} = 0.8 V to 3.6 V | V _{CC} - 0.1 | - | - | V _{CC} - 0.1 | - | V _{CC} - 0.11 | - | V |
| | | I _O = -1.1 mA; V _{CC} = 1.1 V | 0.75V _{CC} | - | - | 0.7V _{CC} | - | 0.6V _{CC} | - | V |
| | | I _O = -1.7 mA; V _{CC} = 1.4 V | 1.11 | - | - | 1.03 | - | 0.93 | - | V |
| | | I _O = -1.9 mA; V _{CC} = 1.65 V | 1.32 | - | - | 1.30 | - | 1.17 | - | V |
| | | I _O = -2.3 mA; V _{CC} = 2.3 V | 2.05 | - | - | 1.97 | - | 1.77 | - | V |
| | | I _O = -3.1 mA; V _{CC} = 2.3 V | 1.9 | - | - | 1.85 | - | 1.67 | - | V |
| | | I _O = -2.7 mA; V _{CC} = 3.0 V | 2.72 | - | - | 2.67 | - | 2.40 | - | V |
| | | I _O = -4.0 mA; V _{CC} = 3.0 V | 2.6 | - | - | 2.55 | - | 2.30 | - | V |
| V _{OL} | LOW-level output voltage | V _I = V _{T+} or V _{T-} | | | | | | | | |
| | | I _O = 20 µA; V _{CC} = 0.8 V to 3.6 V | - | - | 0.1 | - | 0.1 | - | 0.11 | V |
| | | I _O = 1.1 mA; V _{CC} = 1.1 V | - | - | 0.3V _{CC} | - | 0.3V _{CC} | - | 0.33V _{CC} | V |
| | | I _O = 1.7 mA; V _{CC} = 1.4 V | - | - | 0.31 | - | 0.37 | - | 0.41 | V |
| | | I _O = 1.9 mA; V _{CC} = 1.65 V | - | - | 0.31 | - | 0.35 | - | 0.39 | V |
| | | I _O = 2.3 mA; V _{CC} = 2.3 V | - | - | 0.31 | - | 0.33 | - | 0.36 | V |
| | | I _O = 3.1 mA; V _{CC} = 2.3 V | - | - | 0.44 | - | 0.45 | - | 0.50 | V |
| | | I _O = 2.7 mA; V _{CC} = 3.0 V | - | - | 0.31 | - | 0.33 | - | 0.36 | V |
| | | I _O = 4.0 mA; V _{CC} = 3.0 V | - | - | 0.44 | - | 0.45 | - | 0.50 | V |
| I _I | input leakage current | V _I = GND to 3.6 V; V _{CC} = 0 V to 3.6 V | - | - | ±0.1 | - | ±0.5 | - | ±0.75 | µA |
| I _{OFF} | power-off leakage current | V _I or V _O = 0 V to 3.6 V; V _{CC} = 0 V | - | - | ±0.2 | - | ±0.5 | - | ±0.75 | µA |
| ΔI _{OFF} | additional power-off leakage current | V _I or V _O = 0 V to 3.6 V; V _{CC} = 0 V to 0.2 V | - | - | ±0.2 | - | ±0.6 | - | ±0.75 | µA |
| I _{CC} | supply current | V _I = GND or V _{CC} ; I _O = 0 A; V _{CC} = 0.8 V to 3.6 V | - | - | 0.5 | - | 0.9 | - | 1.4 | µA |
| ΔI _{CC} | additional supply current | V _I = V _{CC} - 0.6 V; I _O = 0 A; V _{CC} = 3.3 V | - | - | 40 | - | 50 | - | 75 | µA |
| C _I | input capacitance | V _I = GND or V _{CC} ; V _{CC} = 0 V to 3.6 V | - | 1.1 | - | - | - | - | - | pF |
| C _O | output capacitance | V _O = GND; V _{CC} = 0 V | - | 1.7 | - | - | - | - | - | pF |

11. Dynamic characteristics

Table 8. Dynamic characteristics

Voltages are referenced to GND (ground = 0 V); for test circuit see Fig. 5

| Symbol | Parameter | Conditions | 25 °C | | | -40 °C to +85 °C | | -40 °C to +125 °C | | Unit |
|------------------------------|-------------------|------------------------------------|-------|---------|------|------------------|------|-------------------|------|------|
| | | | Min | Typ [1] | Max | Min | Max | Min | Max | |
| C_L = 5 pF | | | | | | | | | | |
| t _{pd} | propagation delay | nA to nY; see Fig. 4 [2] | | | | | | | | |
| | | V _{CC} = 0.8 V | - | 19.0 | - | - | - | - | - | ns |
| | | V _{CC} = 1.1 V to 1.3 V | 2.6 | 5.7 | 10.6 | 2.5 | 10.9 | 2.5 | 11.1 | ns |
| | | V _{CC} = 1.4 V to 1.6 V | 2.4 | 4.2 | 6.5 | 2.3 | 7.1 | 2.3 | 7.4 | ns |
| | | V _{CC} = 1.65 V to 1.95 V | 2.0 | 3.6 | 5.5 | 1.9 | 6.1 | 1.9 | 6.3 | ns |
| | | V _{CC} = 2.3 V to 2.7 V | 1.9 | 3.0 | 4.2 | 1.8 | 4.6 | 1.8 | 4.8 | ns |
| | | V _{CC} = 3.0 V to 3.6 V | 1.8 | 2.7 | 3.6 | 1.5 | 3.8 | 1.5 | 4.0 | ns |
| C_L = 10 pF | | | | | | | | | | |
| t _{pd} | propagation delay | nA to nY; see Fig. 4 [2] | | | | | | | | |
| | | V _{CC} = 0.8 V | - | 22.5 | - | - | - | - | - | ns |
| | | V _{CC} = 1.1 V to 1.3 V | 2.9 | 6.6 | 12.4 | 2.7 | 12.9 | 2.7 | 13.0 | ns |
| | | V _{CC} = 1.4 V to 1.6 V | 2.6 | 4.8 | 7.8 | 2.4 | 8.3 | 2.4 | 8.7 | ns |
| | | V _{CC} = 1.65 V to 1.95 V | 2.5 | 4.2 | 6.3 | 2.4 | 6.8 | 2.4 | 7.1 | ns |
| | | V _{CC} = 2.3 V to 2.7 V | 2.3 | 3.5 | 4.8 | 2.1 | 5.3 | 2.1 | 5.6 | ns |
| | | V _{CC} = 3.0 V to 3.6 V | 2.1 | 3.3 | 4.4 | 2.0 | 4.6 | 2.0 | 4.8 | ns |
| C_L = 15 pF | | | | | | | | | | |
| t _{pd} | propagation delay | nA to nY; see Fig. 4 [2] | | | | | | | | |
| | | V _{CC} = 0.8 V | - | 26.0 | - | - | - | - | - | ns |
| | | V _{CC} = 1.1 V to 1.3 V | 3.2 | 7.4 | 14.1 | 3.1 | 14.7 | 3.1 | 14.9 | ns |
| | | V _{CC} = 1.4 V to 1.6 V | 3.1 | 5.4 | 8.7 | 2.8 | 9.5 | 2.8 | 9.9 | ns |
| | | V _{CC} = 1.65 V to 1.95 V | 2.7 | 4.7 | 7.1 | 2.7 | 7.8 | 2.7 | 8.2 | ns |
| | | V _{CC} = 2.3 V to 2.7 V | 2.6 | 4.0 | 5.6 | 2.5 | 6.0 | 2.5 | 6.3 | ns |
| | | V _{CC} = 3.0 V to 3.6 V | 2.5 | 3.7 | 4.9 | 2.2 | 5.2 | 2.2 | 5.5 | ns |
| C_L = 30 pF | | | | | | | | | | |
| t _{pd} | propagation delay | nA to nY; see Fig. 4 [2] | | | | | | | | |
| | | V _{CC} = 0.8 V | - | 36.3 | - | - | - | - | - | ns |
| | | V _{CC} = 1.1 V to 1.3 V | 3.9 | 9.7 | 19.0 | 3.7 | 19.8 | 3.7 | 20.1 | ns |
| | | V _{CC} = 1.4 V to 1.6 V | 3.5 | 7.0 | 11.2 | 3.6 | 12.4 | 3.6 | 13.0 | ns |
| | | V _{CC} = 1.65 V to 1.95 V | 3.5 | 6.0 | 9.2 | 3.4 | 10.1 | 3.4 | 10.7 | ns |
| | | V _{CC} = 2.3 V to 2.7 V | 3.4 | 5.1 | 7.0 | 3.2 | 7.5 | 3.2 | 7.9 | ns |
| | | V _{CC} = 3.0 V to 3.6 V | 3.3 | 4.8 | 6.2 | 3.1 | 7.1 | 3.1 | 7.5 | ns |

| Symbol | Parameter | Conditions | 25 °C | | | -40 °C to +85 °C | | -40 °C to +125 °C | | Unit |
|---|-------------------------------|---|-------|---------|-----|------------------|-----|-------------------|-----|------|
| | | | Min | Typ [1] | Max | Min | Max | Min | Max | |
| C_L = 5 pF, 10 pF, 15 pF and 30 pF | | | | | | | | | | |
| C _{PD} | power dissipation capacitance | f _i = 1 MHz; V _I = GND to V _{CC} [3] | | | | | | | | |
| | | 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 |

- [1] All typical values are measured at nominal V_{CC}.
- [2] t_{pd} is the same as t_{PLH} and t_{PHL}
- [3] C_{PD} is used to determine the dynamic power dissipation (P_D in μW).
 $P_D = C_{PD} \times V_{CC}^2 \times f_i \times N + \Sigma(C_L \times V_{CC}^2 \times f_o)$ 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;
 Σ(C_L × V_{CC}² × f_o) = sum of the outputs.

11.1. Waveforms and test circuit

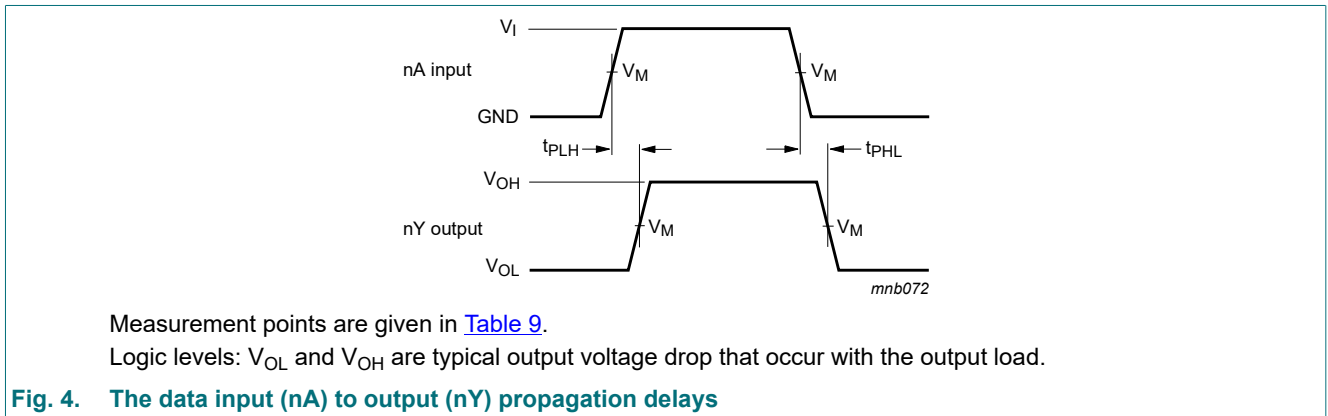
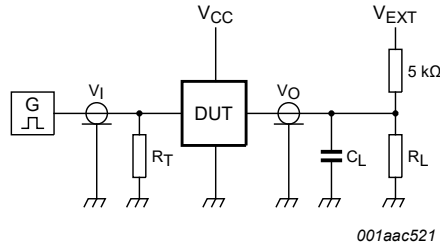


Table 9. Measurement points

| Supply voltage | Output | Input | | |
|-----------------|-----------------------|-----------------------|-----------------|---------------------------------|
| V _{CC} | V _M | V _M | V _I | t _r = t _f |
| 0.8 V to 3.6 V | 0.5 × V _{CC} | 0.5 × V _{CC} | V _{CC} | ≤ 3.0 ns |



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. 5. Test circuit for measuring switching times

Table 10. Test data

| Supply voltage | Load | | V_{EXT} | | |
|----------------|------------------------------|--------------|-----------------------|-----------------------|-----------------------|
| V_{CC} | C_L | 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 | $2 \times V_{CC}$ |

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

12. Transfer characteristics

Table 11. Transfer characteristics

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

| Symbol | Parameter | Conditions | 25 °C | | | -40 °C to +85 °C | | -40 °C to +125 °C | | Unit |
|-----------------|----------------------------------|---|-------|-----|------|------------------|------|-------------------|------|------|
| | | | Min | Typ | Max | Min | Max | Min | Max | |
| V _{T+} | positive-going threshold voltage | see Fig. 6 and Fig. 7 | | | | | | | | |
| | | V _{CC} = 0.8 V | 0.30 | - | 0.60 | 0.30 | 0.60 | 0.30 | 0.62 | V |
| | | V _{CC} = 1.1 V | 0.53 | - | 0.90 | 0.53 | 0.90 | 0.53 | 0.92 | V |
| | | V _{CC} = 1.4 V | 0.74 | - | 1.11 | 0.74 | 1.11 | 0.74 | 1.13 | V |
| | | V _{CC} = 1.65 V | 0.91 | - | 1.29 | 0.91 | 1.29 | 0.91 | 1.31 | V |
| | | V _{CC} = 2.3 V | 1.37 | - | 1.77 | 1.37 | 1.77 | 1.37 | 1.80 | V |
| | | V _{CC} = 3.0 V | 1.88 | - | 2.29 | 1.88 | 2.29 | 1.88 | 2.32 | V |
| V _{T-} | negative-going threshold voltage | see Fig. 6 and Fig. 7 | | | | | | | | |
| | | V _{CC} = 0.8 V | 0.10 | - | 0.60 | 0.10 | 0.60 | 0.10 | 0.60 | V |
| | | V _{CC} = 1.1 V | 0.26 | - | 0.65 | 0.26 | 0.65 | 0.26 | 0.65 | V |
| | | V _{CC} = 1.4 V | 0.39 | - | 0.75 | 0.39 | 0.75 | 0.39 | 0.75 | V |
| | | V _{CC} = 1.65 V | 0.47 | - | 0.84 | 0.47 | 0.84 | 0.47 | 0.84 | V |
| | | V _{CC} = 2.3 V | 0.69 | - | 1.04 | 0.69 | 1.04 | 0.69 | 1.04 | V |
| | | V _{CC} = 3.0 V | 0.88 | - | 1.24 | 0.88 | 1.24 | 0.88 | 1.24 | V |
| V _H | hysteresis voltage | (V _{T+} - V _{T-}); see Fig. 6 , Fig. 7 , Fig. 8 and Fig. 9 | | | | | | | | |
| | | V _{CC} = 0.8 V | 0.07 | - | 0.50 | 0.07 | 0.50 | 0.07 | 0.50 | V |
| | | V _{CC} = 1.1 V | 0.08 | - | 0.46 | 0.08 | 0.46 | 0.08 | 0.46 | V |
| | | V _{CC} = 1.4 V | 0.18 | - | 0.56 | 0.18 | 0.56 | 0.18 | 0.56 | V |
| | | V _{CC} = 1.65 V | 0.27 | - | 0.66 | 0.27 | 0.66 | 0.27 | 0.66 | V |
| | | V _{CC} = 2.3 V | 0.53 | - | 0.92 | 0.53 | 0.92 | 0.53 | 0.92 | V |
| | | V _{CC} = 3.0 V | 0.79 | - | 1.31 | 0.79 | 1.31 | 0.79 | 1.31 | V |

12.1. Waveforms transfer characteristics

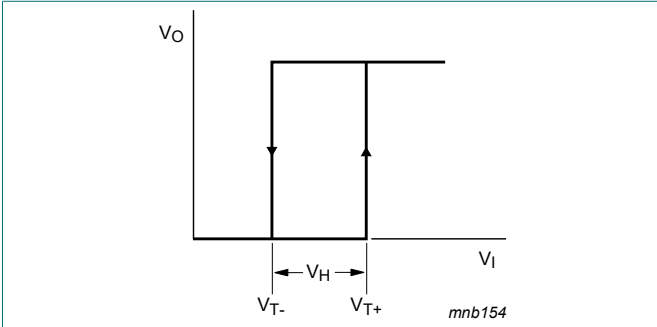
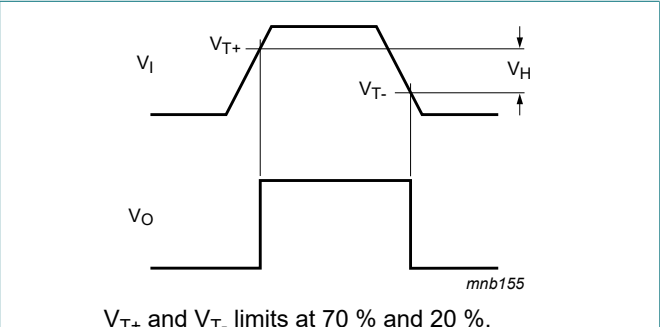


Fig. 6. Transfer characteristic



V_{T+} and V_{T-} limits at 70 % and 20 %.

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

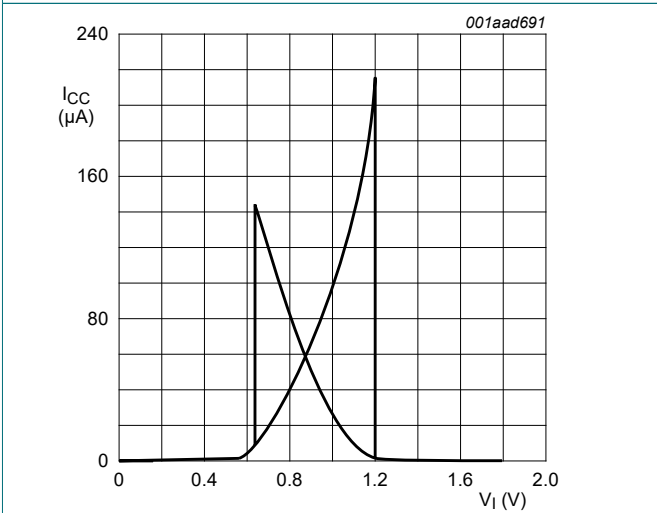


Fig. 8. Typical transfer characteristics; $V_{CC} = 1.8 \text{ V}$

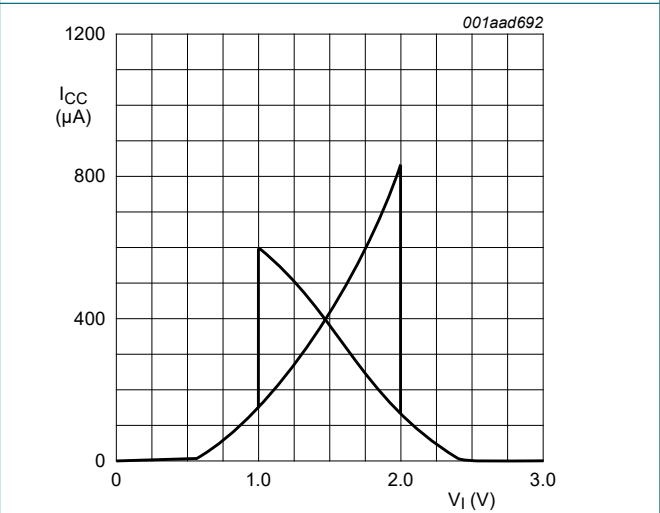


Fig. 9. Typical transfer characteristics; $V_{CC} = 3.0 \text{ V}$

13. Application information

The slow input rise and fall times cause additional power dissipation, this can be calculated using the following formula:

$$P_{\text{add}} = f_i \times (t_r \times \Delta I_{\text{CC(AV)}} + t_f \times \Delta I_{\text{CC(AV)}}) \times V_{\text{CC}} \text{ where:}$$

P_{add} = additional power dissipation (μW);

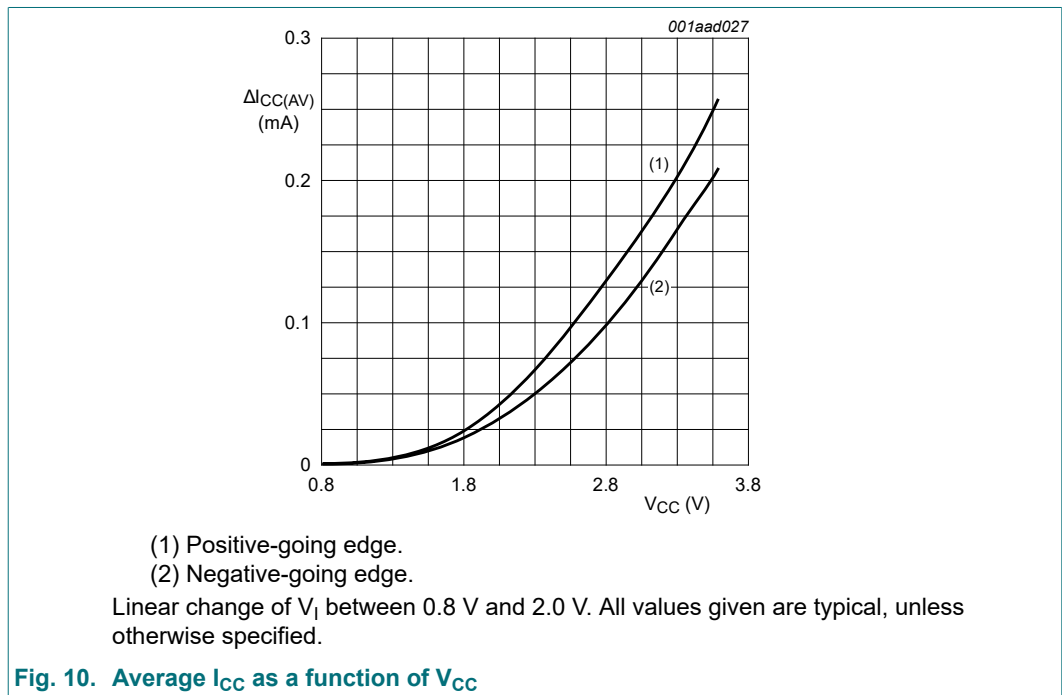
f_i = input frequency (MHz);

t_r = input rise time (ns); 10 % to 90 %;

t_f = input fall time (ns); 90 % to 10 %;

$\Delta I_{\text{CC(AV)}}$ = average additional supply current (μA).

Average $\Delta I_{\text{CC(AV)}}$ differs with positive or negative input transitions, as shown in [Fig. 10](#).



14. Package outline

VSSOP8: plastic very thin shrink small outline package; 8 leads; body width 2.3 mm

SOT765-1

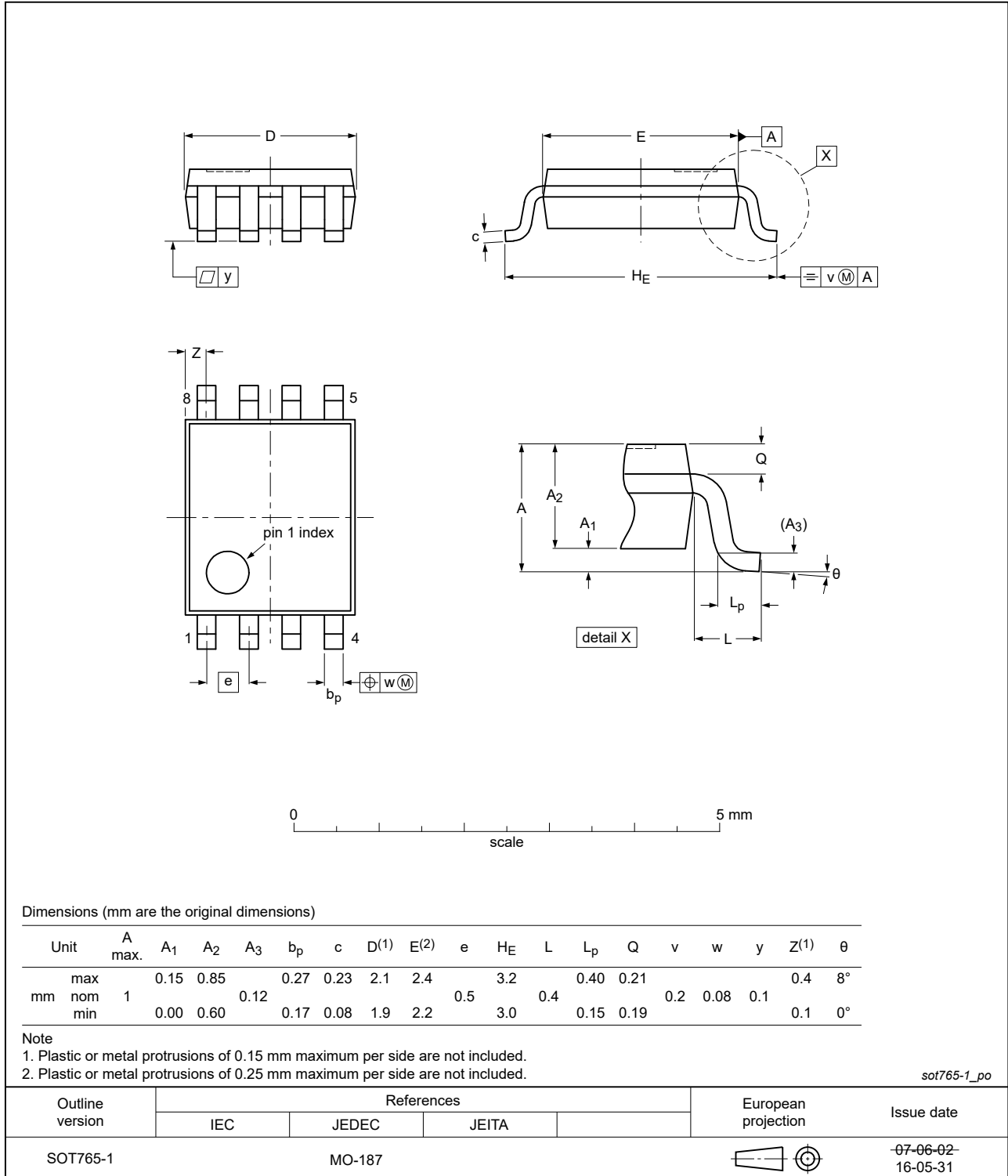


Fig. 11. Package outline SOT765-1 (VSSOP8)

XSON8: plastic extremely thin small outline package; no leads; 8 terminals; body 1 x 1.95 x 0.5 mm

SOT833-1

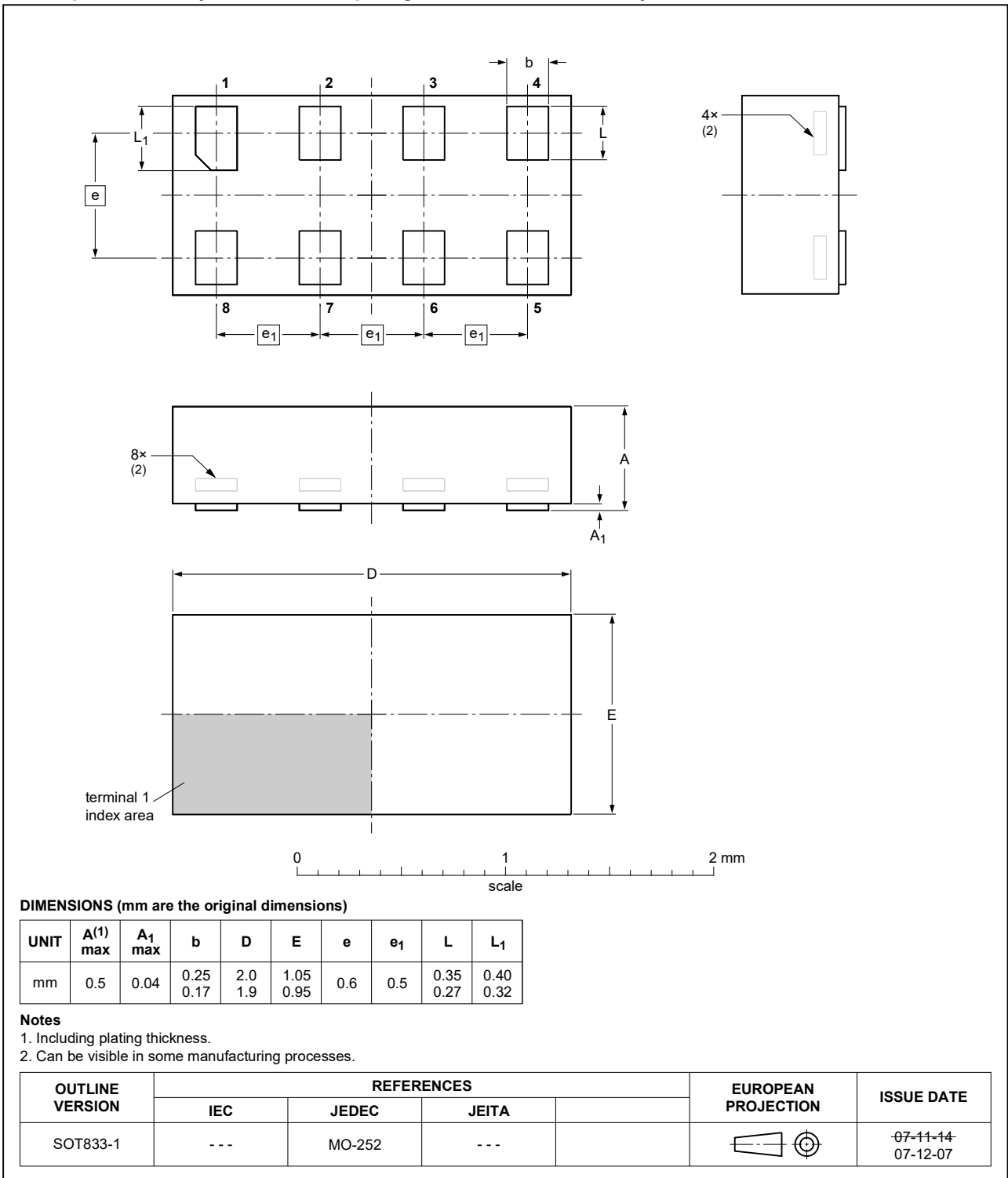


Fig. 12. Package outline SOT833-1 (XSON8)

XSON8: extremely thin small outline package; no leads;
8 terminals; body 1.2 x 1.0 x 0.35 mm

SOT1116

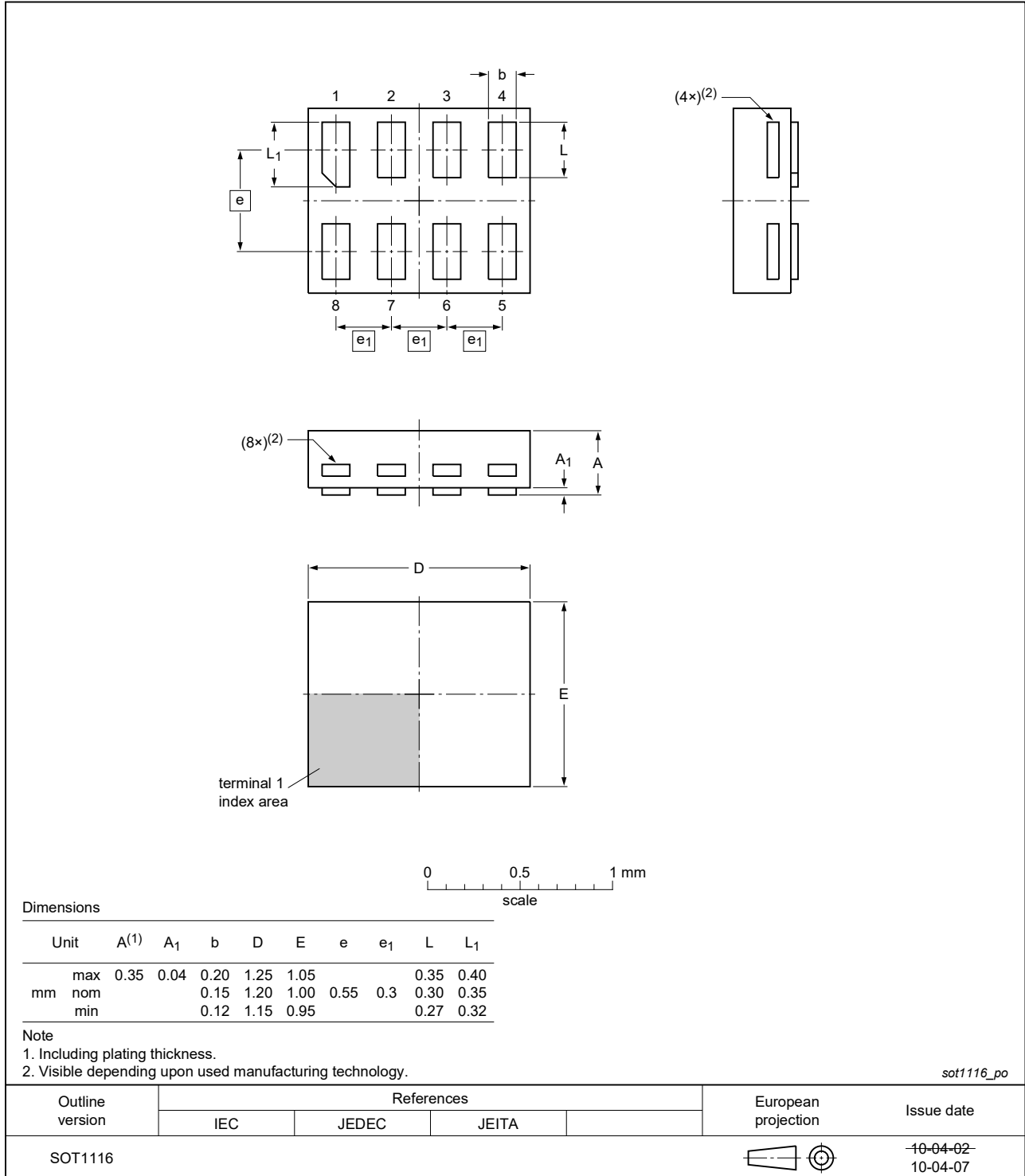


Fig. 13. Package outline SOT1116 (XSON8)

XSON8: extremely thin small outline package; no leads;
8 terminals; body 1.35 x 1.0 x 0.35 mm

SOT1203

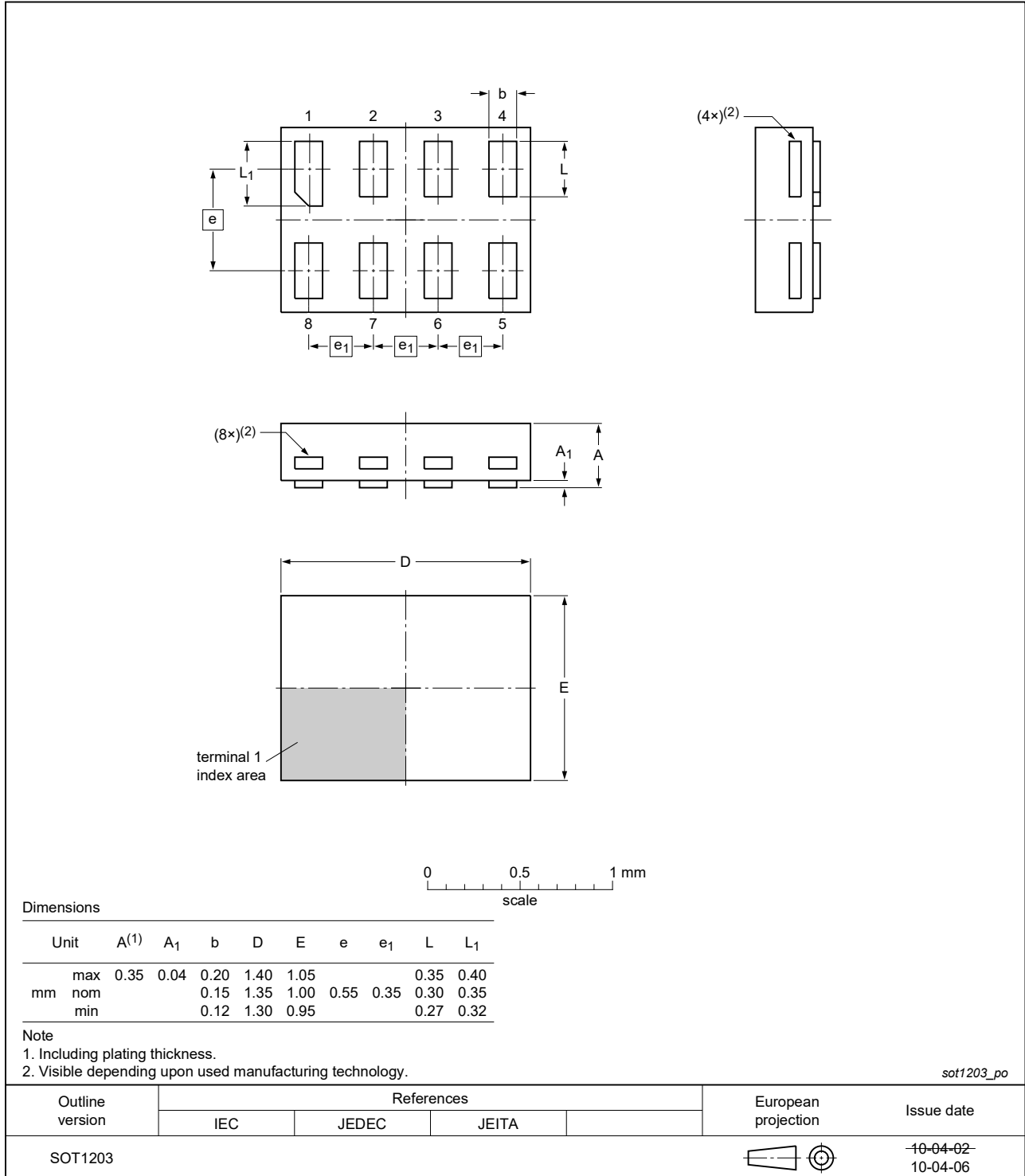


Fig. 14. Package outline SOT1203 (XSON8)

15. Abbreviations

Table 12. Abbreviations

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

16. Revision history

Table 13. Revision history

| Document ID | Release date | Data sheet status | Change notice | Supersedes |
|----------------|--|--------------------|---------------|---------------|
| 74AUP3G17 v.4 | 20230731 | Product data sheet | - | 74AUP3G17 v.3 |
| Modifications: | <ul style="list-style-type: none"> • Section 2: ESD specification updated according to the latest JEDEC standard. | | | |
| 74AUP3G17 v.3 | 20210209 | Product data sheet | - | 74AUP3G17 v.2 |
| Modifications: | <ul style="list-style-type: none"> • The format of this data sheet has been redesigned to comply with the identity guidelines of Nexperia. • Legal texts have been adapted to the new company name where appropriate. • Type number 74AUP3G17GM (SOT902-2 / XQFN8) removed. • Table 5: Derating values for P_{tot} total power dissipation updated. | | | |
| 74AUP3G17 v.2 | 20161012 | Product data sheet | - | 74AUP3G17 v.1 |
| Modifications: | <ul style="list-style-type: none"> • Type numbers 74AUP3G17GD, and 74AUP3G17GF removed. | | | |
| 74AUP3G17 v.1 | 20151222 | Product data sheet | - | - |

17. 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".
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Date of release: 31 July 2023