74AUP1T97-Q100

Low-power configurable gate with voltage-level translator Rev. 1 — 15 July 2021 Product data sheet

1. General description

The 74AUP1T97-Q100 provides low-power, low-voltage configurable logic gate functions. The output state is determined by eight patterns of 3-bit input. The user can choose the logic functions MUX, AND, OR, NAND, NOR, inverter and buffer. All inputs can be connected to V_{CC} or GND.

This device ensures a very low static and dynamic power consumption across the entire V_{CC} range from 2.3 V to 3.6 V.

The 74AUP1T97-Q100 is designed for logic-level translation applications with input switching levels that accept 1.8 V low-voltage CMOS signals, while operating from either a single 2.5 V or 3.3 V supply voltage.

The wide supply voltage range ensures normal operation as battery voltage drops from 3.6 V to 2.3 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.

Schmitt trigger inputs make the circuit tolerant to slower input rise and fall times across the entire V_{CC} range.

This product has been qualified to the Automotive Electronics Council (AEC) standard Q100 (Grade 1) and is suitable for use in automotive applications.

2. Features and benefits

- Automotive product qualification in accordance with AEC-Q100 (Grade 1)
 Specified from -40 °C to +85 °C and from -40 °C to +125 °C
- Wide supply voltage range from 2.3 V to 3.6 V
- High noise immunity
- 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; $I_{CC} = 1.5 \mu A$ (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}
- IOFF circuitry provides partial power-down mode operation

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3. Ordering information

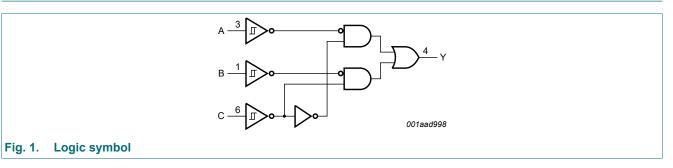
| Table 1. Ordering information | | | | | | | | | |
|-------------------------------|-------------------|-------|--|---------|--|--|--|--|--|
| Type number Package | | | | | | | | | |
| | Temperature range | Name | Description | Version | | | | | |
| 74AUP1T97GW-Q100 | -40 °C to +125 °C | SC-88 | plastic surface-mounted package; 6 leads | SOT363 | | | | | |

4. Marking

| Table 2. Marking | | | | | | |
|------------------|-----------------|--|--|--|--|--|
| Type number | Marking code[1] | | | | | |
| 74AUP1T97GW-Q100 | 59 | | | | | |

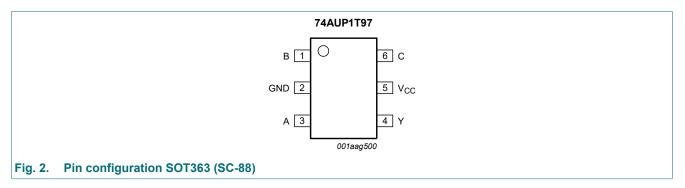
[1] The pin 1 indicator is located on the lower left corner of the device, below the marking code.

5. Functional diagram



6. Pinning information

6.1. Pinning



6.2. Pin description

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

7. Functional description

Table 4. Function table

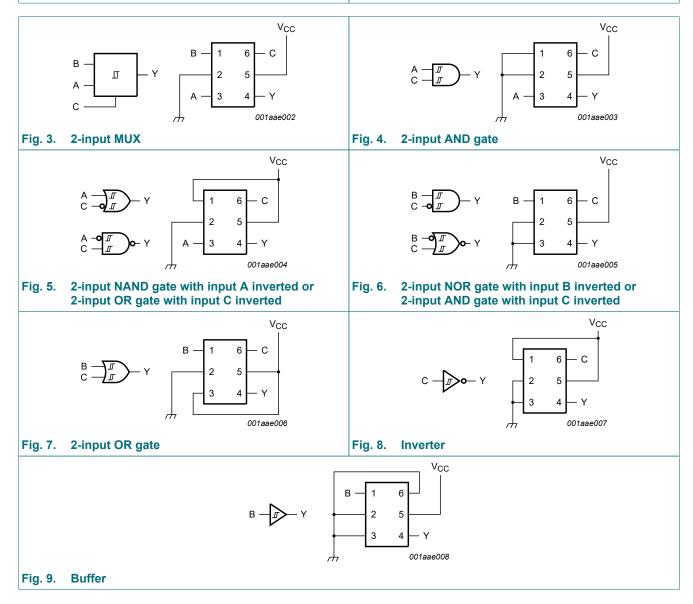
H = HIGH voltage level; L = LOW voltage level.

| Input | | | Output |
|-------|---|---|--------|
| C | В | Α | Y |
| L | L | L | L |
| L | L | Н | L |
| L | Н | L | Н |
| L | Н | Н | Н |
| Н | L | L | L |
| Н | L | Н | Н |
| Н | Н | L | L |
| Н | Н | Н | Н |

7.1. Logic configurations

Table 5. Function selection table

| Logic function | Figure |
|--------------------------------------|-------------------|
| 2-input MUX | see Fig. 3 |
| 2-input AND | see Fig. 4 |
| 2-input OR with one input inverted | see <u>Fig. 5</u> |
| 2-input NAND with one input inverted | see <u>Fig. 5</u> |
| 2-input AND with one input inverted | see <u>Fig. 6</u> |
| 2-input NOR with one input inverted | see <u>Fig. 6</u> |
| 2-input OR | see <u>Fig. 7</u> |
| Inverter | see Fig. 8 |
| Buffer | see <u>Fig. 9</u> |



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 | | Min | Max | Unit | |
|------------------|-------------------------|--------------------------------------|-----|------|------|----|
| V _{CC} | supply voltage | | | -0.5 | +4.6 | V |
| I _{IK} | input clamping current | V _I < 0 V | | -50 | - | mA |
| VI | input voltage | | [1] | -0.5 | +4.6 | V |
| Ι _{ΟΚ} | output clamping current | V _O < 0 V | | -50 | - | mA |
| Vo | output voltage | Active mode and Power-down mode | [1] | -0.5 | +4.6 | V |
| lo | 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 |
| | | | | | | |

The minimum input and output voltage ratings may be exceeded if the input and output current ratings are observed. For SOT363 (SC-88) package: P_{tot} derates linearly with 3.7 mW/K above 83 °C. [1]

[2]

9. Recommended operating conditions

Table 7. Recommended operating conditions

| Symbol | Parameter | Conditions | Min | Max | Unit |
|------------------|---------------------|---------------------------------|-----|-----------------|------|
| V _{CC} | supply voltage | | 2.3 | 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 |

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 | 5 °C | | | | | - |
| V _{T+} | positive-going threshold | V _{CC} = 2.3 V to 2.7 V | 0.60 | - | 1.10 | V |
| | voltage | 0.75 | - | 1.16 | V | |
| V _{T-} | negative-going threshold | 0.35 | - | 0.60 | V | |
| | voltage | 0.50 | - | 0.85 | V | |
| V _H | hysteresis voltage | $(V_{H} = V_{T+} - V_{T-})$ | | | | |
| | | V _{CC} = 2.3 V to 2.7 V | 0.23 | - | 0.60 | V |
| V _H | | V _{CC} = 3.0 V to 3.6 V | 0.25 | - | 0.56 | V |
| V _{OH} | HIGH-level output voltage | $V_I = V_{T+}$ or V_{T-} | | | | |
| | | I_{O} = -20 µA; V_{CC} = 2.3 V to 3.6 V | V _{CC} - 0.1 | - | - | V |
| | | I _O = -2.3 mA; V _{CC} = 2.3 V | 2.05 | - | - | V |
| Vol | | I _O = -3.1 mA; V _{CC} = 2.3 V | 1.9 | - | - | V |
| | | I _O = -2.7 mA; V _{CC} = 3.0 V | 2.72 | - | - | V |
| | | I _O = -4.0 mA; V _{CC} = 3.0 V | 2.6 | - | - | V |
| V _{OL} | LOW-level output voltage | $V_{I} = V_{T+} \text{ or } V_{T-}$ | | | | |
| | | I_{O} = 20 µA; V_{CC} = 2.3 V to 3.6 V | - | - | 0.10 | 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 |
| l _l | 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 | - | - | ±0.1 | μA |
| ΔI _{OFF} | additional power-off leakage current | V_1 or $V_0 = 0$ V to 3.6 V; $V_{CC} = 0$ V to 0.2 V | - | - | ±0.2 | μA |
| I _{CC} | supply current | V_I = GND or V_{CC} ; I_O = 0 A; V_{CC} = 2.3 V to 3.6 V | - | - | 1.2 | μA |
| CI | input capacitance | $V_{CC} = 0 V$ to 3.6 V; $V_1 = GND$ or V_{CC} | - | 0.8 | - | pF |
| Co | output capacitance | $V_{O} = GND; V_{CC} = 0 V$ | - | 1.7 | - | pF |

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| Symbol | Parameter | Conditions | Min | Тур | Max | Unit |
|-----------------------|---|---|-----------------------|------|------|------|
| T _{amb} = -4 | 40 °C to +85 °C | 1 | I | II | | _ |
| V _{T+} | positive-going threshold | V _{CC} = 2.3 V to 2.7 V | 0.60 | - | 1.10 | V |
| | voltage | V _{CC} = 3.0 V to 3.6 V | 0.75 | - | 1.19 | V |
| V _{T-} | negative-going threshold | 0.35 | - | 0.60 | V | |
| | voltage | 0.50 | - | 0.85 | V | |
| V _H | hysteresis voltage | $(V_{H} = V_{T+} - V_{T-})$ | | | | |
| | | V _{CC} = 2.3 V to 2.7 V | 0.10 | - | 0.60 | V |
| | | V _{CC} = 3.0 V to 3.6 V | 0.15 | - | 0.56 | V |
| V _{OH} | HIGH-level output voltage | $V_{I} = V_{T+}$ or V_{T-} | | | | |
| | | I_{O} = -20 µA; V_{CC} = 2.3 V to 3.6 V | V _{CC} - 0.1 | - | - | V |
| | | I _O = -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 | $V_{I} = V_{T+}$ or V_{T-} | | | | |
| | | I_{O} = 20 µA; V_{CC} = 2.3 V to 3.6 V | - | - | 0.1 | 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 |
| I _I | 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} or V_{O} = 0 V to 3.6 V; V_{CC} = 0 V | - | - | ±0.5 | μA |
| ΔI _{OFF} | additional power-off leakage current | $V_1 \text{ or } V_0 = 0 \text{ V to } 3.6 \text{ V}; V_{CC} = 0 \text{ V to } 0.2 \text{ V}$ | - | - | ±0.5 | μA |
| I _{CC} | supply current | V_I = GND or V_{CC} ; I_O = 0 A; V_{CC} = 2.3 V to 3.6 V | - | - | 1.5 | μA |
| ∆l _{CC} | additional supply current | $V_{CC} = 2.3 \text{ V to } 2.7 \text{ V; } I_{O} = 0 \text{ A}$ [1] | - | - | 4 | μA |
| | | $V_{CC} = 3.0 \text{ V to } 3.6 \text{ V; } I_{O} = 0 \text{ A}$ [2] | - | - | 12 | μA |

Low-power configurable gate with voltage-level translator

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| Symbol | Parameter | Conditions | Min | Тур | Max | Unit |
|----------------------|---|--|------------------------|------|-------|------|
| T _{amb} = - | 40 °C to +125 °C | 1 | 1 | | | |
| V _{T+} | positive-going threshold | V _{CC} = 2.3 V to 2.7 V | 0.60 | - | 1.10 | V |
| | voltage | 0.75 | - | 1.19 | V | |
| V _{T-} | negative-going threshold | V _{CC} = 2.3 V to 2.7 V | 0.33 | - | 0.64 | V |
| | voltage | 0.46 | - | 0.85 | V | |
| V _H | hysteresis voltage | $(V_{H} = V_{T+} - V_{T-})$ | | | | _ |
| | | V _{CC} = 2.3 V to 2.7 V | 0.10 | - | 0.60 | V |
| | | V _{CC} = 3.0 V to 3.6 V | 0.15 | - | 0.56 | V |
| V _{OH} | HIGH-level output voltage | $V_I = V_{T+}$ or V_{T-} | | | | |
| | | I_{O} = -20 µA; V_{CC} = 2.3 V to 3.6 V | V _{CC} - 0.11 | - | - | V |
| | | I _O = -2.3 mA; V _{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 | $V_{I} = V_{T+} \text{ or } V_{T-}$ | | | | |
| | | I_{O} = 20 µA; V_{CC} = 2.3 V to 3.6 V | - | - | 0.11 | 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 _i | 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 or V_0 = 0 V to 3.6 V; V_{CC} = 0 V to 0.2 V | - | - | ±0.75 | μA |
| I _{CC} | supply current | V_{I} = GND or V_{CC} ; I_{O} = 0 A; V_{CC} = 2.3 V to 3.6 V | - | - | 3.5 | μA |
| Δl _{CC} | additional supply current | $V_{CC} = 2.3 \text{ V to } 2.7 \text{ V; } I_{O} = 0 \text{ A}$ [1] | - | - | 7 | μA |
| | | $V_{CC} = 3.0 \text{ V to } 3.6 \text{ V; } I_{O} = 0 \text{ A}$ [2] | - | - | 22 | μA |

Low-power configurable gate with voltage-level translator

[1] [2]

One input at 0.3 V or 1.1 V, other input at V_{CC} or GND. One input at 0.45 V or 1.2 V, other input at V_{CC} or GND.

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11. Dynamic characteristics

Table 9. Dynamic characteristics

Voltages are referenced to GND (ground = 0 V); for test circuit see Fig. 11.

| Symbol | Parameter | Conditions | | | 25 °C | | -40 °C t | o +85 °C | -40 °C to | o +125 ℃ | Unit |
|----------------------|-----------------|----------------------------------|-----|-----|---------|-----|----------|----------|-----------|----------|------|
| | | | | Min | Typ [1] | Max | Min | Мах | Min | Max | |
| V _{CC} = 2. | 3 V to 2.7 V; V | = 1.65 V to 1.95 V | | | | | | 1 | | 1 | |
| t _{pd} | propagation | A, B, C to Y; see Fig. 10 | [2] | | | | | | | | |
| | delay | C _L = 5 pF | | 2.2 | 3.5 | 5.5 | 0.5 | 6.8 | 0.5 | 7.5 | ns |
| | | C _L = 10 pF | | 2.6 | 4.1 | 6.3 | 1.0 | 7.9 | 1.0 | 8.7 | ns |
| | | C _L = 15 pF | | 2.9 | 4.6 | 6.9 | 1.0 | 8.7 | 1.0 | 9.6 | ns |
| | | C _L = 30 pF | | 3.7 | 5.8 | 8.4 | 1.5 | 10.8 | 1.5 | 11.9 | ns |
| V _{CC} = 2. | 3 V to 2.7 V; V | = 2.3 V to 2.7 V | | | | | | | | 1 | |
| t _{pd} | propagation | A, B, C to Y; see Fig. 10 | [2] | | | | | | | | |
| | delay | C _L = 5 pF | | 1.8 | 3.4 | 5.5 | 0.5 | 6.0 | 0.5 | 6.6 | ns |
| | | C _L = 10 pF | | 2.2 | 4.0 | 6.2 | 1.0 | 7.1 | 1.0 | 7.9 | ns |
| | | C _L = 15 pF | | 2.5 | 4.4 | 6.8 | 1.0 | 7.9 | 1.0 | 8.7 | ns |
| | | C _L = 30 pF | | 3.2 | 5.6 | 8.3 | 1.5 | 10.0 | 1.5 | 11.0 | ns |
| V _{CC} = 2. | 3 V to 2.7 V; V | = 3.0 V to 3.6 V | | | | | | | | 1 | |
| t _{pd} | propagation | A, B, C to Y; see Fig. 10 | [2] | | | | | | | | |
| | delay | C _L = 5 pF | | 1.4 | 3.1 | 5.0 | 0.5 | 5.5 | 0.5 | 6.1 | ns |
| | | C _L = 10 pF | | 1.8 | 3.7 | 5.7 | 1.0 | 6.5 | 1.0 | 7.2 | ns |
| | | C _L = 15 pF | | 2.2 | 4.2 | 6.3 | 1.0 | 7.4 | 1.0 | 8.2 | ns |
| | | C _L = 30 pF | | 2.9 | 5.3 | 7.9 | 1.5 | 9.5 | 1.5 | 10.5 | ns |
| V _{CC} = 3. | 0 V to 3.6 V; V | = 1.65 V to 1.95 V | | | | | | | | | |
| t _{pd} | propagation | A, B, C to Y; see Fig. 10 | [2] | | | | | | | | |
| | delay | C _L = 5 pF | | 2.1 | 2.9 | 3.9 | 0.5 | 8.0 | 0.5 | 8.8 | ns |
| | | C _L = 10 pF | | 2.5 | 3.4 | 4.6 | 1.0 | 8.5 | 1.0 | 9.4 | ns |
| | | C _L = 15 pF | | 2.9 | 3.9 | 5.2 | 1.0 | 9.1 | 1.0 | 10.1 | ns |
| | | C _L = 30 pF | | 3.6 | 5.0 | 6.7 | 1.5 | 9.8 | 1.5 | 10.8 | ns |
| V _{CC} = 3. | 0 V to 3.6 V; V | _I = 2.3 V to 2.7 V | | | | | | | | | |
| t _{pd} | propagation | A, B, C to Y; see <u>Fig. 10</u> | [2] | | | | | | | | |
| | delay | C _L = 5 pF | | 1.7 | 2.8 | 4.2 | 0.5 | 5.3 | 0.5 | 5.9 | ns |
| | | C _L = 10 pF | | 2.1 | 3.4 | 5.0 | 1.0 | 6.1 | 1.0 | 6.8 | ns |
| | | C _L = 15 pF | | 2.4 | 3.8 | 5.6 | 1.0 | 6.8 | 1.0 | 7.5 | ns |
| | | C _L = 30 pF | | 3.2 | 5.0 | 7.1 | 1.5 | 8.5 | 1.5 | 9.4 | ns |
| V _{CC} = 3. | 0 V to 3.6 V; V | = 3.0 V to 3.6 V | | | | | | | | | |
| t _{pd} | propagation | A, B, C to Y; see Fig. 10 | [2] | | | | | | | | |
| | delay | C _L = 5 pF | | 1.4 | 2.7 | 4.2 | 0.5 | 4.7 | 0.5 | 5.2 | ns |
| | | C _L = 10 pF | | 1.8 | 3.3 | 5.0 | 1.0 | 5.7 | 1.0 | 6.3 | ns |
| | | C _L = 15 pF | | 2.1 | 3.8 | 5.6 | 1.0 | 6.2 | 1.0 | 6.9 | ns |
| | | C _L = 30 pF | | 2.9 | 4.9 | 7.1 | 1.5 | 7.8 | 1.5 | 8.6 | ns |

| Symbol | Parameter | Conditions | 25 °C | | -40 °C to | o +85 °C | -40 °C to | +125 °C | Unit | |
|--------------------------|----------------------------|---|-------|---------|-----------|----------|-----------|---------|------|----|
| | | | Min | Typ [1] | Мах | Min | Max | Min | Мах | 1 |
| T _{amb} = 25 °C | | | | | | | | | | |
| C _{PD} | power | $f_i = 1 \text{ MHz}; V_I = \text{GND to } V_{\text{CC}}$ [3] | | | | | | | | |
| | dissipation capacitance | V _{CC} = 2.3 V to 2.7 V | - | 3.6 | - | - | - | - | - | pF |
| | | V _{CC} = 3.0 V to 3.6 V | - | 4.3 | - | - | - | - | - | pF |

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

[2] [3]

 t_{pd} is the same as t_{PLH} and t_{PHL} 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:

 f_i = input frequency in MHz;

 $f_o = output$ frequency in MHz;

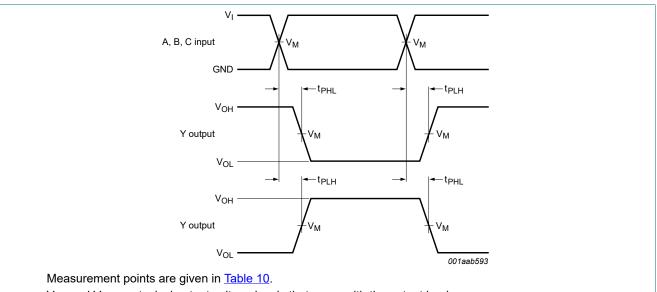
 C_L = output load capacitance in pF;

V_{CC} = supply voltage in V;

N = number of inputs switching;

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

11.1. Waveform and test circuit



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

Fig. 10. Input A, B and C to output Y propagation delay times

Table 10. Measurement points

| Supply voltage | Input | | | Output |
|-----------------|-------------------|-----------------|---------------------------------|--------------------|
| V _{CC} | V _M | VI | t _r = t _f | V _M |
| 2.3 V to 3.6 V | 0.5V _I | 1.65 V to 3.6 V | ≤ 3.0 ns | 0.5V _{CC} |

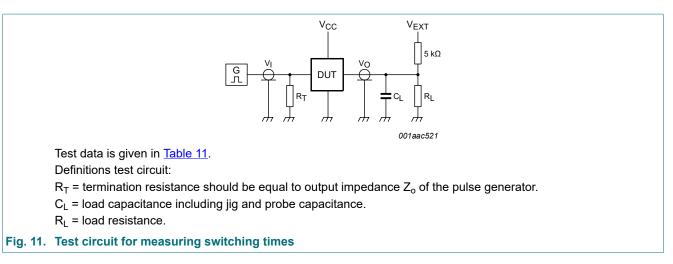


Table 11. Test data

| Supply voltage | Load | | V _{EXT} | | |
|-----------------|------------------------------|--------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| V _{cc} | CL | R _L [1] | t _{PLH} , t _{PHL} | t _{PZH} , t _{PHZ} | t _{PZL} , t _{PLZ} |
| 2.3 V to 3.6 V | 5 pF, 10 pF, 15 pF and 30 pF | 5 kΩ or 1 MΩ | open | GND | 2 × 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 $R_L = 1 \text{ M}\Omega$.

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12. Package outline

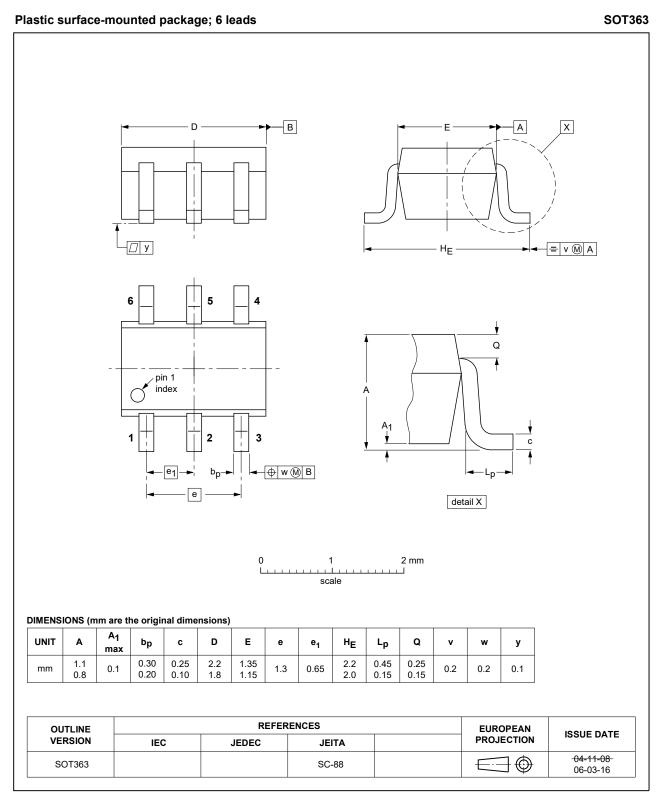


Fig. 12. Package outline SOT363 (SC-88)

13. Abbreviations

| Table 12. Abbreviations | | | |
|-------------------------|---|--|--|
| Acronym | Description | | |
| CDM | Charged Device Model | | |
| CMOS | Complementary Metal Oxide Semiconductor | | |
| DUT | Device Under Test | | |
| ESD | ElectroStatic Discharge | | |
| HBM | Human Body Model | | |
| ММ | Machine Model | | |

14. Revision history

Table 13. Revision history

| Document ID | Release date | Data sheet status | Change notice | Supersedes |
|--------------------|--------------|--------------------|---------------|------------|
| 74AUP1T97_Q100 v.1 | 20210715 | Product data sheet | - | - |

15. Legal information

Data sheet status

| Document status [1][2] | Product status [3] | Definition |
|-----------------------------------|-----------------------|---|
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74AUP1T97_Q100