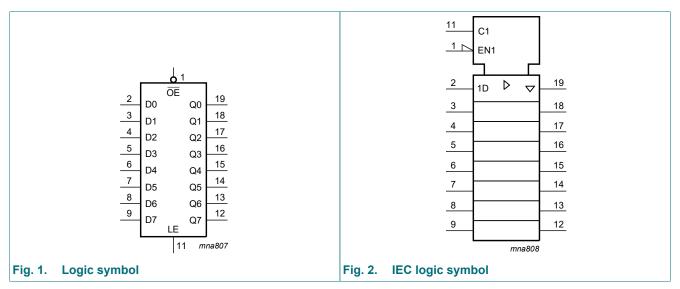
Octal D-type transparent latch with 5 V tolerant inputs/outputs; 3-state

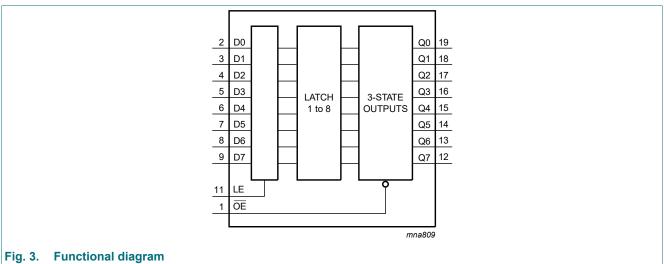
3. Ordering information

Table 1. Ordering information

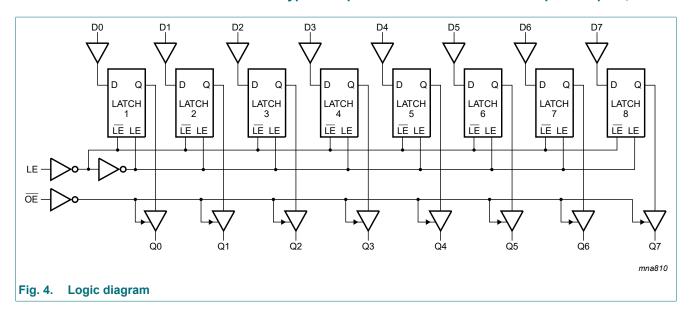
| Type number | Package | | | | | | | | | |
|-------------|-------------------|----------|--|----------|--|--|--|--|--|--|
| | Temperature range | Name | Description | Version | | | | | | |
| 74LVC573AD | -40 °C to +125 °C | SO20 | plastic small outline package; 20 leads; body width 7.5 mm | SOT163-1 | | | | | | |
| 74LVC573APW | -40 °C to +125 °C | TSSOP20 | plastic thin shrink small outline package; 20 leads; body width 4.4 mm | SOT360-1 | | | | | | |
| 74LVC573ABQ | -40 °C to +125 °C | DHVQFN20 | plastic dual in-line compatible thermal enhanced very thin quad flat package; no leads; 20 terminals; body 2.5 × 4.5 × 0.85 mm | SOT764-1 | | | | | | |

4. Functional diagram



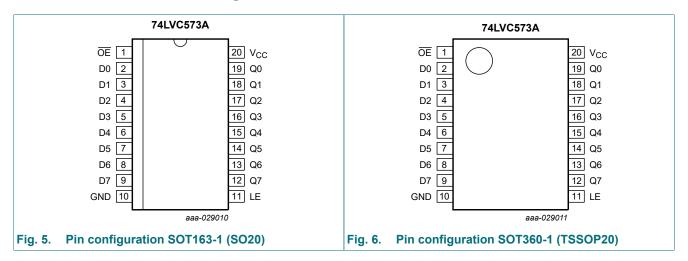


Octal D-type transparent latch with 5 V tolerant inputs/outputs; 3-state



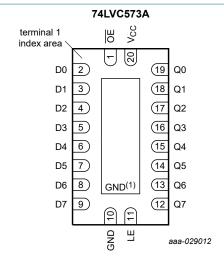
5. Pinning information

5.1. Pinning



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Octal D-type transparent latch with 5 V tolerant inputs/outputs; 3-state



Transparent top view

(1) This is not a ground pin. There is no electrical or mechanical requirement to solder the pad. In case soldered, the solder land should remain floating or connected to GND.

Fig. 7. Pin configuration SOT764-1 (DHVQFN20)

5.2. Pin description

Table 2. Pin description

| Symbol | Pin | Description |
|--------------------------------|--------------------------------|----------------------------------|
| ŌĒ | 1 | output enable input (active LOW) |
| LE | 11 | latch enable input (active HIGH) |
| D0, D1, D2, D3, D4, D5, D6, D7 | 2, 3, 4, 5, 6, 7, 8, 9 | data input |
| Q0, Q1, Q2, Q3, Q4, Q5, Q6, Q7 | 19, 18, 17, 16, 15, 14, 13, 12 | data output |
| GND | 10 | ground (0 V) |
| V _{CC} | 20 | supply voltage |

6. Functional description

Table 3. Functional table

 $H = HIGH \ voltage \ level; \ h = HIGH \ voltage \ level \ one \ set-up \ time \ prior \ to \ the \ HIGH-to-LOW \ LE \ transition$ $L = LOW \ voltage \ level; \ l = LOW \ voltage \ level \ one \ set-up \ time \ prior \ to \ the \ HIGH-to-LOW \ LE \ transition$ $Z = high-impedance \ OFF-state$

| Operating modes | Input | | Internal latch | Output | |
|------------------------------------|-------|----|----------------|--------|----|
| | OE | LE | Dn | | Qn |
| Enable and read register | L | Н | L | L | L |
| (transparent mode) | L | Н | Н | Н | Н |
| Latch and read register | L | L | I | L | L |
| | L | L | h | Н | Н |
| Latch register and disable outputs | Н | L | I | L | Z |
| | Н | L | h | Н | Z |

Octal D-type transparent latch with 5 V tolerant inputs/outputs; 3-state

7. Limiting values

Table 4. 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 | +6.5 | V |
| I _{IK} | input clamping current | V _I < 0 | -50 | - | mΑ |
| VI | input voltage | [1] | -0.5 | +6.5 | V |
| I _{OK} | output clamping current | V _O > V _{CC} or V _O < 0 | - | ±50 | mΑ |
| Vo | output voltage | [2] | -0.5 | V _{CC} + 0.5 | V |
| I _O | output current | $V_O = 0 V \text{ to } V_{CC}$ | - | ±50 | mΑ |
| I _{CC} | supply current | | - | 100 | mΑ |
| I_{GND} | ground current | | -100 | - | mΑ |
| T _{stg} | storage temperature | | -65 | +150 | °C |
| P _{tot} | total power dissipation | $T_{amb} = -40 ^{\circ}\text{C to } +125 ^{\circ}\text{C}$ [3] | - | 500 | mW |

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

8. Recommended operating conditions

Table 5. Recommended operating conditions

| Symbol | Parameter | Conditions | Min | Тур | Max | Unit |
|------------------|-------------------------------------|-----------------------------------|------|-----|-----------------|------|
| V_{CC} | supply voltage | | 1.65 | - | 3.6 | V |
| | | functional | 1.2 | - | - | V |
| VI | input voltage | | 0 | - | 5.5 | V |
| Vo | output voltage | output HIGH- or LOW-state | 0 | - | V _{CC} | V |
| | | output 3-state | 0 | - | 5.5 | V |
| T _{amb} | ambient temperature | in free air | -40 | - | +125 | °C |
| Δt/ΔV | input transition rise and fall rate | V _{CC} = 1.65 V to 2.7 V | 0 | - | 20 | ns/V |
| | | V _{CC} = 2.7 V to 3.6 V | 0 | - | 10 | ns/V |

^[2] The output voltage ratings may be exceeded if the output current ratings are observed.

^[3] For SOT163-1 (SO20) package: P_{tot} derates linearly with 12.3 mW/K above 109 °C.

For SOT360-1 (TSSOP20) package: P_{tot} derates linearly with 10.0 mW/K above 100 $^{\circ}\text{C}.$

For SOT764-1 (DHVQFN20) package: Ptot derates linearly with 12.9 mW/K above 111 °C.

Octal D-type transparent latch with 5 V tolerant inputs/outputs; 3-state

9. Static characteristics

Table 6. Static characteristics

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

| Symbol | Parameter | Conditions | -40 | °C to +85 | °C | -40 °C to | +125 °C | Unit |
|------------------|------------------------------|--|-----------------------|-----------|---------------------|-----------------------|---------------------|------|
| | | | Min | Typ [1] | Max | Min | Max | |
| V _{IH} | HIGH-level | V _{CC} = 1.2 V | 1.08 | - | - | 1.08 | - | V |
| | input voltage | V _{CC} = 1.65 V to 1.95 V | 0.65V _{CC} | - | - | 0.65V _{CC} | - | V |
| | | V _{CC} = 2.3 V to 2.7 V | 1.7 | - | - | 1.7 | - | V |
| | | V _{CC} = 2.7 V to 3.6 V | 2.0 | - | - | 2.0 | - | V |
| V _{IL} | LOW-level | V _{CC} = 1.2 V | - | - | 0.12 | - | 0.12 | V |
| | input voltage | V _{CC} = 1.65 V to 1.95 V | - | - | 0.35V _{CC} | - | 0.35V _{CC} | V |
| | | V _{CC} = 2.3 V to 2.7 V | - | - | 0.7 | - | 0.7 | V |
| | | V _{CC} = 2.7 V to 3.6 V | - | - | 0.8 | - | 0.8 | V |
| V _{OH} | HIGH-level | V _I = V _{IH} or V _{IL} | | | | | | |
| | output voltage | I _O = -100 μA; V _{CC} = 1.65 V to 3.6 V | V _{CC} - 0.2 | - | - | V _{CC} - 0.3 | - | V |
| | | I _O = -4 mA; V _{CC} = 1.65 V | 1.2 | - | - | 1.05 | - | V |
| | | I _O = -8 mA; V _{CC} = 2.3 V | 1.8 | - | - | 1.65 | - | V |
| | | I _O = -12 mA; V _{CC} = 2.7 V | 2.2 | - | - | 2.05 | - | V |
| | | I _O = -18 mA; V _{CC} = 3.0 V | 2.4 | - | - | 2.25 | - | V |
| | | I _O = -24 mA; V _{CC} = 3.0 V | 2.2 | - | - | 2.0 | - | V |
| V_{OL} | LOW-level | V _I = V _{IH} or V _{IL} | | | | | | |
| | output voltage | I _O = 100 μA; V _{CC} = 1.65 V to 3.6 V | - | - | 0.2 | - | 0.3 | V |
| | | I _O = 4 mA; V _{CC} = 1.65 V | - | - | 0.45 | - | 0.65 | V |
| | | I _O = 8 mA; V _{CC} = 2.3 V | - | - | 0.6 | - | 8.0 | V |
| | | I _O = 12 mA; V _{CC} = 2.7 V | - | - | 0.4 | - | 0.6 | V |
| | | I _O = 24 mA; V _{CC} = 3.0 V | - | - | 0.55 | - | 0.8 | V |
| l _l | input leakage current | $V_{CC} = 3.6 \text{ V}; V_I = 5.5 \text{ V or GND}$ | - | ±0.1 | ±5 | - | ±20 | μΑ |
| l _{OZ} | OFF-state output current | $V_I = V_{IH} \text{ or } V_{IL}; V_{CC} = 3.6 \text{ V}; V_O = 5.5 \text{ V or GND}$ | - | 0.1 | ±5 | - | ±20 | μΑ |
| l _{OFF} | power-off leakage current | $V_{CC} = 0 \text{ V}; V_{I} \text{ or } V_{O} = 5.5 \text{ V}$ | - | 0.1 | ±10 | - | ±20 | μΑ |
| I _{CC} | supply current | $V_{CC} = 3.6 \text{ V}; V_I = V_{CC} \text{ or GND}; I_O = 0 \text{ A}$ | - | 0.1 | 10 | - | 40 | μA |
| ΔI _{CC} | additional supply current | per input pin; $V_{CC} = 2.7 \text{ V to } 3.6 \text{ V};$ $V_{I} = V_{CC} - 0.6 \text{ V};$ $I_{O} = 0 \text{ A}$ | - | 5 | 500 | - | 5000 | μΑ |
| Cı | input capacitance | V_{CC} = 0 V to 3.6 V; V_{I} = GND to V_{CC} | - | 5.0 | - | - | - | pF |

^[1] All typical values are measured at V_{CC} = 3.3 V (unless stated otherwise) and T_{amb} = 25 °C.

Octal D-type transparent latch with 5 V tolerant inputs/outputs; 3-state

10. Dynamic characteristics

Table 7. Dynamic characteristics

Voltages are referenced to GND (ground = 0 V). For test circuit see Fig. 12.

| Symbol | Parameter | Conditions | -40 |) °C to +85 | °C | -40 °C to | +125 °C | Unit |
|------------------|-------------------|------------------------------------|-----|-------------|------|-----------|---------|------|
| | | | Min | Typ [1] | Max | Min | Max | |
| t _{pd} | propagation delay | Dn to Qn; see Fig. 8 [2 |] | | | | | |
| | | V _{CC} = 1.2 V | - | 16.0 | - | - | - | ns |
| | | V _{CC} = 1.65 V to 1.95 V | 2.1 | 7.8 | 16.3 | 2.1 | 18.8 | ns |
| | | V _{CC} = 2.3 V to 2.7 V | 1.5 | 4.1 | 8.0 | 1.5 | 9.2 | ns |
| | | V _{CC} = 2.7 V | 1.5 | 4.1 | 7.2 | 1.5 | 9.0 | ns |
| | | V _{CC} = 3.0 V to 3.6 V | 1.5 | 3.4 | 6.2 | 1.5 | 8.0 | ns |
| | | LE to Qn; see Fig. 9 |] | | | | | |
| | | V _{CC} = 1.2 V | - | 16.0 | - | - | - | ns |
| | | V _{CC} = 1.65 V to 1.95 V | 2.0 | 7.7 | 16.0 | 2.0 | 18.4 | ns |
| | | V _{CC} = 2.3 V to 2.7 V | 1.5 | 4.1 | 7.8 | 1.5 | 9.1 | ns |
| | | V _{CC} = 2.7 V | 1.5 | 3.7 | 7.5 | 1.5 | 9.5 | ns |
| | | V _{CC} = 3.0 V to 3.6 V | 1.5 | 3.4 | 6.5 | 1.5 | 8.5 | ns |
| t _{en} | enable time | OE to Qn; see Fig. 10 [2 |] | | | | | |
| | | V _{CC} = 1.2 V | - | 18.0 | - | - | - | ns |
| | | V _{CC} = 1.65 V to 1.95 V | 1.7 | 7.5 | 17.5 | 1.7 | 20.2 | ns |
| | | V _{CC} = 2.3 V to 2.7 V | 1.5 | 4.2 | 9.2 | 1.5 | 10.6 | ns |
| | | V _{CC} = 2.7 V | 1.5 | 4.2 | 8.5 | 1.5 | 11.0 | ns |
| | | V _{CC} = 3.0 V to 3.6 V | 1.5 | 3.4 | 7.5 | 1.5 | 9.5 | ns |
| t _{dis} | disable time | OE to Qn; see Fig. 10 [2 |] | | | | | |
| | | V _{CC} = 1.2 V | - | 8.0 | - | - | - | ns |
| | | V _{CC} = 1.65 V to 1.95 V | 1.0 | 3.3 | 10.1 | 1.0 | 11.6 | ns |
| | | V _{CC} = 2.3 V to 2.7 V | 0.3 | 1.8 | 5.7 | 0.3 | 6.6 | ns |
| | | V _{CC} = 2.7 V | 1.5 | 3.0 | 6.5 | 1.5 | 8.5 | ns |
| | | V _{CC} = 3.0 V to 3.6 V | 1.5 | 2.5 | 6.0 | 1.5 | 7.5 | ns |
| t _W | pulse width | LE HIGH; see Fig. 9 | | | | | | |
| | | V _{CC} = 1.65 V to 1.95 V | 5.0 | - | - | 5.0 | - | ns |
| | | V _{CC} = 2.3 V to 2.7 V | 4.0 | - | - | 4.0 | - | ns |
| | | V _{CC} = 2.7 V | 3.2 | - | - | 3.2 | - | ns |
| | | V _{CC} = 3.0 V to 3.6 V | 3.2 | 1.6 | - | 3.2 | - | ns |
| t _{su} | set-up time | Dn to LE; see Fig. 11 | | | | | | |
| | | V _{CC} = 1.65 V to 1.95 V | 4.0 | - | - | 4.0 | - | ns |
| | | V _{CC} = 2.3 V to 2.7 V | 2.5 | - | - | 2.5 | - | ns |
| | | V _{CC} = 2.7 V | 1.7 | - | - | 1.7 | - | ns |
| | | V _{CC} = 3.0 V to 3.6 V | 1.7 | - | - | 1.7 | - | ns |
| t _h | hold time | Dn to LE; see Fig. 11 | | | | | | |
| | | V _{CC} = 1.65 V to 1.95 V | 3.0 | - | - | 3.0 | - | ns |
| | | V _{CC} = 2.3 V to 2.7 V | 1.9 | - | - | 1.9 | - | ns |
| | | V _{CC} = 2.7 V | 1.5 | - | - | 1.5 | - | ns |
| | | V _{CC} = 3.0 V to 3.6 V | 1.4 | - | - | 1.4 | - | ns |

Octal D-type transparent latch with 5 V tolerant inputs/outputs; 3-state

| Symbol | Parameter | Conditions | -4 | °C to +85 | °C | -40 °C to | Unit | |
|--------------------|-------------------|---|-----|-----------|-----|-----------|------|----|
| | | | Min | Typ [1] | Max | Min | Max | |
| t _{sk(0)} | output skew time | V _{CC} = 3.0 V to 3.6 V |] - | - | 1.0 | - | 1.5 | ns |
| C _{PD} | power dissipation | per latch; V _I = GND to V _{CC} [4 |] | | | | | |
| | capacitance | V _{CC} = 1.65 V to 1.95 V | - | 7.1 | - | - | - | pF |
| | | V _{CC} = 2.3 V to 2.7 V | - | 10.3 | - | - | - | pF |
| | | V _{CC} = 3.0 V to 3.6 V | - | 13.2 | - | - | - | pF |

- [1] Typical values are measured at T_{amb} = 25 °C and V_{CC} = 1.2 V, 1.8 V, 2.5 V, 2.7 V and 3.3 V respectively.
- [2] t_{pd} is the same as t_{PLH} and t_{PHL} .
 - t_{en} is the same as t_{PZL} and t_{PZH} .
 - t_{dis} is the same as t_{PLZ} and t_{PHZ} .
- [3] Skew between any two outputs of the same package switching in the same direction. This parameter is guaranteed by design.
- [4] 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 Volts

N = number of inputs switching

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

10.1. Waveforms and test circuit

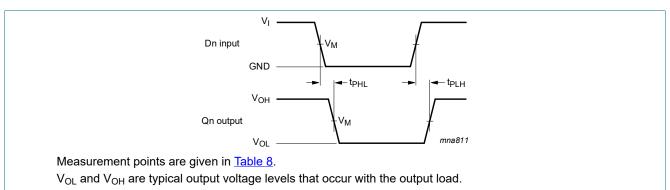
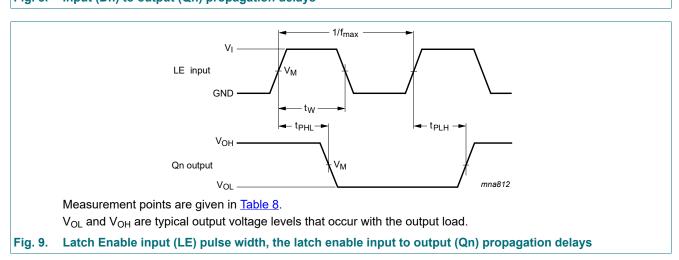


Fig. 8. Input (Dn) to output (Qn) propagation delays



Octal D-type transparent latch with 5 V tolerant inputs/outputs; 3-state

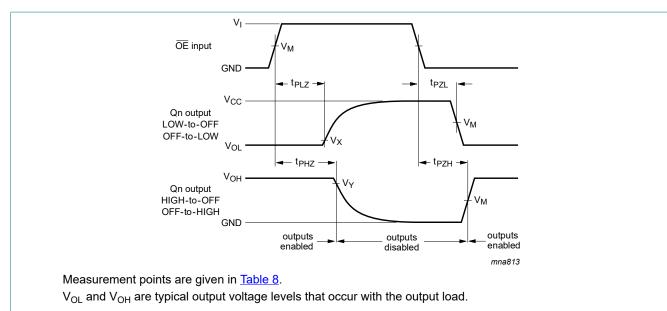
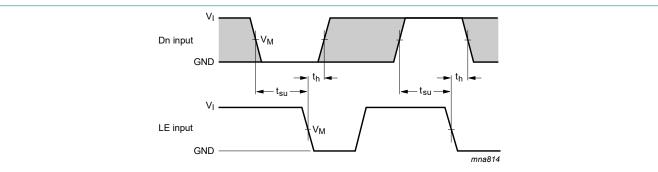


Fig. 10. 3-state enable and disable times



Measurement points are given in Table 8.

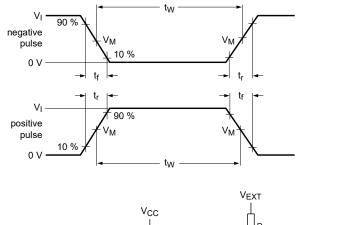
The shaded areas indicate when the input is permitted to change for predictable output performance.

Fig. 11. Data set-up and hold times for the Dn input to the LE input

Table 8. Measurement points

| Supply voltage | Input | | Output | | | | | | |
|------------------|-----------------|-----------------------|-----------------------|--------------------------|--------------------------|--|--|--|--|
| V _{CC} | V _I | V _M | V _M | V _X | V _Y | | | | |
| 1.2 V | V _{CC} | 0.5 × V _{CC} | 0.5 × V _{CC} | V _{OL} + 0.15 V | V _{OH} - 0.15 V | | | | |
| 1.65 V to 1.95 V | V _{CC} | 0.5 × V _{CC} | 0.5 × V _{CC} | V _{OL} + 0.15 V | V _{OH} - 0.15 V | | | | |
| 2.3 V to 2.7 V | V _{CC} | 0.5 × V _{CC} | 0.5 × V _{CC} | V _{OL} + 0.15 V | V _{OH} - 0.15 V | | | | |
| 2.7 V | 2.7 V | 1.5 V | 1.5 V | V _{OL} + 0.3 V | V _{OH} - 0.3 V | | | | |
| 3.0 V to 3.6 V | 2.7 V | 1.5 V | 1.5 V | V _{OL} + 0.3 V | V _{OH} - 0.3 V | | | | |

Octal D-type transparent latch with 5 V tolerant inputs/outputs; 3-state



V_CC V_O R_L R_L DUT V_O C_L R_L 001aae331

Test data is given in <u>Table 9</u>. 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 output impedance Z_o of the pulse generator.

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

Fig. 12. Test circuit for measuring switching times

Table 9. Test data

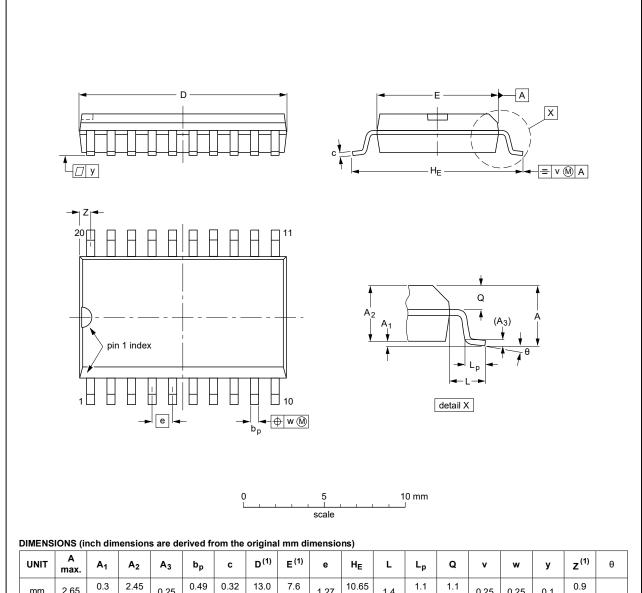
| Supply voltage | Input | | Load | | V _{EXT} | | | |
|------------------|-----------------|---------------------------------|-------|----------------|-------------------------------------|-------------------------------------|-------------------------------------|--|
| | V _I | t _r , t _f | CL | R _L | t _{PLH} , t _{PHL} | t _{PLZ} , t _{PZL} | t _{PHZ} , t _{PZH} | |
| 1.2 V | V _{CC} | ≤ 2 ns | 30 pF | 1 kΩ | open | 2 × V _{CC} | GND | |
| 1.65 V to 1.95 V | V _{CC} | ≤ 2 ns | 30 pF | 1 kΩ | open | 2 × V _{CC} | GND | |
| 2.3 V to 2.7 V | V _{CC} | ≤ 2 ns | 30 pF | 500 Ω | open | 2 × V _{CC} | GND | |
| 2.7 V | 2.7 V | ≤ 2.5 ns | 50 pF | 500 Ω | open | 2 × V _{CC} | GND | |
| 3.0 V to 3.6 V | 2.7 V | ≤ 2.5 ns | 50 pF | 500 Ω | open | 2 × V _{CC} | GND | |

Octal D-type transparent latch with 5 V tolerant inputs/outputs; 3-state

11. Package outline

SO20: plastic small outline package; 20 leads; body width 7.5 mm

SOT163-1



| UNIT | A max. | A ₁ | A ₂ | A ₃ | bp | С | D ⁽¹⁾ | E ⁽¹⁾ | е | HE | L | Lp | Q | v | w | у | z ⁽¹⁾ | θ |
|--------|-----------|----------------|----------------|----------------|----------------|----------------|------------------|------------------|------|----------------|-------|----------------|----------------|------|------|-------|------------------|----|
| mm | 2.65 | 0.3 0.1 | 2.45 2.25 | 0.25 | 0.49 0.36 | 0.32 0.23 | 13.0 12.6 | 7.6 7.4 | 1.27 | 10.65 10.00 | 1.4 | 1.1 0.4 | 1.1 1.0 | 0.25 | 0.25 | 0.1 | 0.9 0.4 | 8° |
| inches | 0.1 | 0.012 0.004 | 0.096 0.089 | 0.01 | 0.019 0.014 | 0.013 0.009 | 0.51 0.49 | 0.30 0.29 | 0.05 | 0.419 0.394 | 0.055 | 0.043 0.016 | 0.043 0.039 | 0.01 | 0.01 | 0.004 | 0.035 0.016 | 0° |

1. Plastic or metal protrusions of 0.15 mm (0.006 inch) maximum per side are not included.

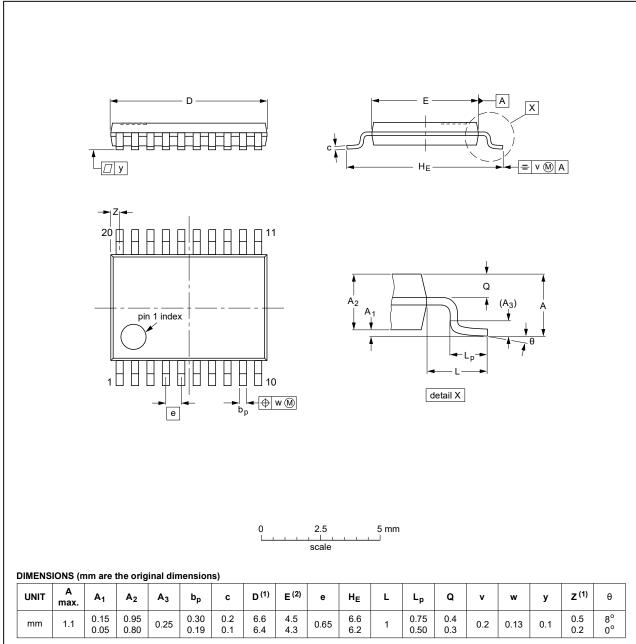
| OUTLINE | | EUROPEAN | ISSUE DATE | | |
|----------|--------|----------|------------|------------|---------------------------------|
| VERSION | IEC | JEDEC | JEITA | PROJECTION | ISSUE DATE |
| SOT163-1 | 075E04 | MS-013 | | | 99-12-27 03-02-19 |

Fig. 13. Package outline SOT163-1 (SO20)

Octal D-type transparent latch with 5 V tolerant inputs/outputs; 3-state

TSSOP20: plastic thin shrink small outline package; 20 leads; body width 4.4 mm

SOT360-1



Notes

- 1. Plastic or metal protrusions of 0.15 mm maximum per side are not included.
- 2. Plastic interlead protrusions of 0.25 mm maximum per side are not included.

| OUTLINE VERSION | REFERENCES | | | | EUROPEAN | ISSUE DATE |
|--------------------|------------|--------|-------|--|------------|---------------------------------|
| | IEC | JEDEC | JEITA | | PROJECTION | ISSUE DATE |
| SOT360-1 | | MO-153 | | | | 99-12-27 03-02-19 |

Fig. 14. Package outline SOT360-1 (TSSOP20)

Octal D-type transparent latch with 5 V tolerant inputs/outputs; 3-state

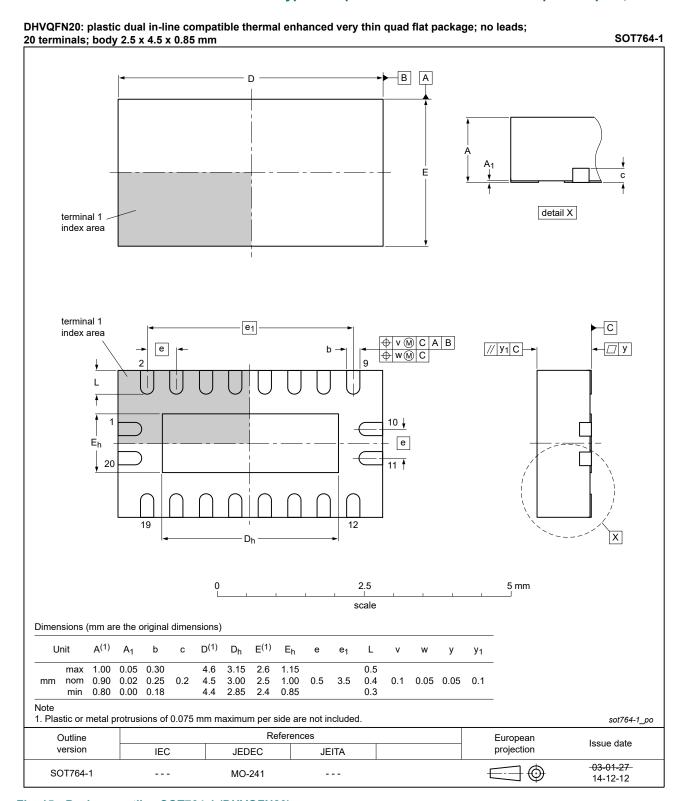


Fig. 15. Package outline SOT764-1 (DHVQFN20)

Octal D-type transparent latch with 5 V tolerant inputs/outputs; 3-state

12. Abbreviations

Table 10. Abbreviations

| Acronym | Description |
|---------|---|
| CDM | Charged Device Model |
| CMOS | Complementary Metal-Oxide Semiconductor |
| DUT | Device Under Test |
| ESD | ElectroStatic Discharge |
| НВМ | Human Body Model |
| MM | Machine Model |
| TTL | Transistor-Transistor Logic |

13. Revision history

Table 11. Revision history

| Document ID | Release date | Data sheet status | Change notice | Supersedes | | |
|----------------|--|--|---------------|---------------|--|--|
| 74LVC573A v.8 | 20210827 | Product data sheet | - | 74LVC573A v.7 | | |
| Modifications: | Section 1 and Section 2 updated. Type number 74LVC573ADB (SOT339-1/SSOP20) removed. | | | | | |
| 74LVC573A v.7 | 20200330 | Product data sheet | - | 74LVC573A v.6 | | |
| Modifications: | • <u>Table 4</u> : Der | <u>Table 4</u> : Derating values for P _{tot} total power dissipation updated. | | | | |
| 74LVC573A v.6 | 20180926 | Product data sheet | - | 74LVC573A v.5 | | |
| Modifications: | 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 74LVC573ABX (SOT1045-2) removed. Fig. 15: Package outline drawing SOT764-1 updated | | | | | |
| 74LVC573A v.5 | 20130219 | Product data sheet | - | 74LVC573A v.4 | | |
| Modifications: | 74LVC573ABX added. | | | | | |
| 74LVC573A v.4 | 20121129 | Product data sheet | - | 74LVC573A v.3 | | |
| Modifications: | The format of this data sheet has been redesigned to comply with the new identity guidelines of NXP Semiconductors. Legal texts have been adapted to the new company name where appropriate. Table 4, Table 5, Table 6, Table 7, Table 8 and Table 9: values added for lower voltage ranges. | | | | | |
| 74LVC573A v.3 | 20031003 | Product specification | - | 74LVC573A v.2 | | |
| 74LVC573A v.2 | 20030526 | Product specification | - | 74LVC573A v.1 | | |
| 74LVC573A v.1 | 19980729 | Product specification | - | - | | |

Octal D-type transparent latch with 5 V tolerant inputs/outputs; 3-state

14. Legal information

Data sheet status

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