# 74LV573

# Octal D-type transparent latch; 3-state Rev. 03 — 15 April 2009

**Product data sheet** 

#### **General description** 1.

The 74LV573 is a low-voltage Si-gate CMOS device that is pin and function compatible with 74HC573 and 74HCT573.

The 74LV573 consists of eight D-type transparent latches, featuring separate D-type inputs for each latch and 3-state true outputs for bus-oriented applications. A latch enable (LE) input and an output enable (OE) input are common to all internal latches.

When LE is HIGH, data at the Dn inputs enters the latches. In this condition, the latches are transparent, that is, a latch output will change each time its corresponding D-input changes. When LE is LOW, the latches store the information that was present at the D-inputs one set-up time preceding the HIGH-to-LOW transition of LE.

When OE is LOW, the contents of the eight latches are available at the outputs. When OE is HIGH, the outputs go to the high-impedance OFF-state. Operation of the OE input does not affect the state of the latches.

The 74LV573 is functionally identical to the 74LV373, but has a different pin arrangement.

#### 2. **Features**

- Wide operating voltage: 1.0 V to 5.5 V
- Optimized for low voltage applications: 1.0 V to 3.6 V
- Accepts TTL input levels between  $V_{CC} = 2.7 \text{ V}$  and  $V_{CC} = 3.6 \text{ V}$
- Typical output ground bounce < 0.8 V at  $V_{CC}$  = 3.3 V and  $T_{amb}$  = 25 °C
- Typical HIGH-level output voltage (V<sub>OH</sub>) undershoot: > 2 V at V<sub>CC</sub> = 3.3 V and  $T_{amb} = 25 \, ^{\circ}C$
- Inputs and outputs on opposite sides of package allowing easy interface with microprocessors
- Useful as input or output port for microprocessors
- Common 3-state output enable input
- ESD protection:
  - ◆ HBM JESD22-A114E exceeds 2000 V
  - MM JESD22-A115-A exceeds 200 V
- Multiple package options
- Specified from -40 °C to +85 °C and from -40 °C to +125 °C



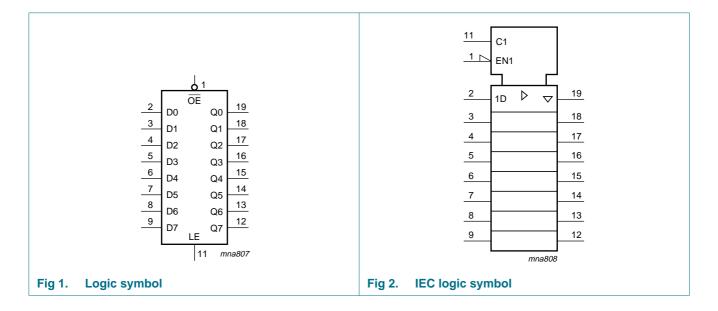
Octal D-type transparent latch; 3-state

## 3. Ordering information

Table 1. Ordering information

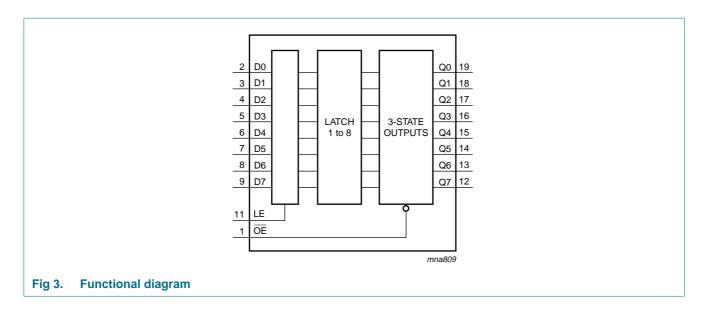
Type number	Package									
	Temperature range	Name	Description	Version						
74LV573N	-40 °C to +125 °C	DIP20	plastic dual in-line package; 20 leads (300 mil)	SOT146-1						
74LV573D	–40 °C to +125 °C	SO20	plastic small outline package; 20 leads; body width 7.5 mm	SOT163-1						
74LV573DB	–40 °C to +125 °C	SSOP20	plastic shrink small outline package; 20 leads; body width 5.3 mm	SOT339-1						
74LV573PW	–40 °C to +125 °C	TSSOP20	plastic thin shrink small outline package; 20 leads; body width 4.4 mm	SOT360-1						

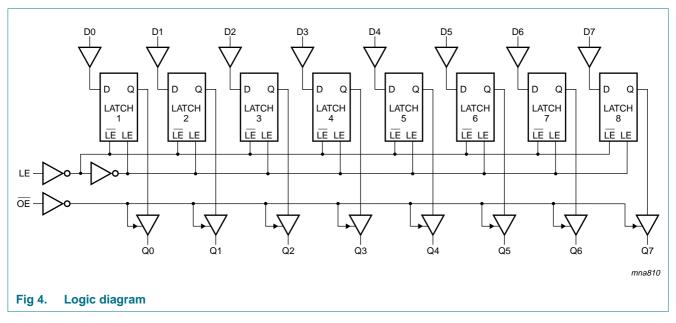
## 4. Functional diagram



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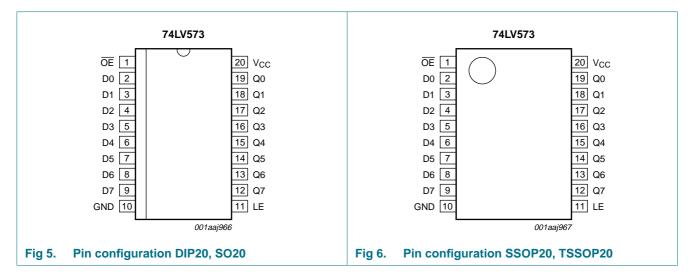




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## 5. Pinning information

#### 5.1 Pinning



## 5.2 Pin description

Table 2. Pin description

Symbol	Pin	Description
ŌĒ	1	output enable input (active LOW)
D0 to D7	2, 3, 4, 5, 6, 7, 8, 9	data input
GND	10	ground (0 V)
LE	11	latch enable input (active HIGH)
Q0 to Q7	19, 18, 17, 16, 15, 14, 13, 12	data output
$V_{CC}$	20	supply voltage

## 6. Functional description

Table 3. Functional table[1]

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

<sup>[1]</sup> H = HIGH voltage level; h = HIGH voltage level one set-up time prior to the HIGH-to-LOW LE transition;

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L = LOW voltage level; I = LOW voltage level one set-up time prior to the HIGH-to-LOW LE transition;

Z = high-impedance OFF-state.

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## 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	+7.0	V
I <sub>IK</sub>	input clamping current	$V_I < -0.5 \text{ V or } V_I > V_{CC} + 0.5 \text{ V}$	<u>[1]</u> -	20	mA
I <sub>OK</sub>	output clamping current	$V_O < -0.5 \text{ V or } V_O > V_{CC} + 0.5 \text{ V}$	<u>[1]</u> -	50	mA
I <sub>O</sub>	output current	$V_{O} = -0.5 \text{ V to } (V_{CC} + 0.5 \text{ V})$	-	35	mA
I <sub>CC</sub>	supply current		-	70	mA
I <sub>GND</sub>	ground current		-70	-	mA
T <sub>stg</sub>	storage temperature		-65	+150	°C
P <sub>tot</sub>	total power dissipation	$T_{amb} = -40  ^{\circ}\text{C} \text{ to } +125  ^{\circ}\text{C}$	[2]		
		DIP20	-	750	mW
		SO20, SSOP20 and TSSOP20	-	500	mW

<sup>[1]</sup> The input and output voltage ratings may be exceeded if the input and output current ratings are observed.

## 8. Recommended operating conditions

Table 5. Recommended operating conditions

Voltages are referenced to GND (ground = 0 V).

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
$V_{CC}$	supply voltage[1]		1.0	3.3	5.5	V
$V_{I}$	input voltage		0	-	$V_{CC}$	V
$V_{O}$	output voltage		0	-	$V_{CC}$	V
$T_{amb}$	ambient temperature		-40	+25	+125	°C
$\Delta t/\Delta V$	input transition rise and fall rate	$V_{CC} = 1.0 \text{ V to } 2.0 \text{ V}$	-	-	500	ns/V
		$V_{CC} = 2.0 \text{ V to } 2.7 \text{ V}$	-	-	200	ns/V
		$V_{CC} = 2.7 \text{ V to } 3.6 \text{ V}$	-	-	100	ns/V
		$V_{CC} = 3.6 \text{ V to } 5.5 \text{ V}$	-	-	50	ns/V

<sup>[1]</sup> The static characteristics are guaranteed from  $V_{CC}$  = 1.2 V to  $V_{CC}$  = 5.5 V, but LV devices are guaranteed to function down to  $V_{CC}$  = 1.0 V (with input levels GND or  $V_{CC}$ ).

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<sup>[2]</sup> For DIP20 packages: above 70 °C the value of P<sub>tot</sub> derates linearly with 12 mW/K. For SO20 packages: above 70 °C the value of P<sub>tot</sub> derates linearly with 8 mW/K. For (T)SSOP20 packages: above 60 °C the value of P<sub>tot</sub> derates linearly with 5.5 mW/K.

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## 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 +8	35 °C	–40 °C to	+125 °C	Unit
			Min	Typ[1]	Max	Min	Max	
$V_{IH}$	HIGH-level input voltage	V <sub>CC</sub> = 1.2 V	0.9	-	-	0.9	-	V
		$V_{CC} = 2.0 \text{ V}$	1.4	-	-	1.4	-	V
		$V_{CC} = 2.7 \text{ V to } 3.6 \text{ V}$	2.0	-	-	2.0	-	V
		$V_{CC} = 4.5 \text{ V to } 5.5 \text{ V}$	$0.7V_{CC}$	-	-	$0.7V_{CC}$	-	V
$V_{IL}$	LOW-level input voltage	V <sub>CC</sub> = 1.2 V	-	-	0.3	-	0.3	V
		$V_{CC} = 2.0 \text{ V}$	-	-	0.6	-	0.6	V
		$V_{CC} = 2.7 \text{ V to } 3.6 \text{ V}$	-	-	0.8	-	0.8	V
		$V_{CC} = 4.5 \text{ V to } 5.5 \text{ V}$	-	-	$0.3V_{CC}$	-	$0.3V_{CC}$	V
$V_{OH}$	HIGH-level output voltage	$V_I = V_{IH}$ or $V_{IL}$						
		$I_{O} = -100 \ \mu A; \ V_{CC} = 1.2 \ V$	-	1.2	-	-	-	V
		$I_{O} = -100 \ \mu A; \ V_{CC} = 2.0 \ V$	1.8	2.0	-	1.8	-	V
		$I_{O} = -100 \ \mu A; \ V_{CC} = 2.7 \ V$	2.5	2.7	-	2.5	-	V
		$I_{O} = -100 \ \mu A; \ V_{CC} = 3.0 \ V$	2.8	3.0	-	2.8	-	V
		$I_{O} = -100 \ \mu A; \ V_{CC} = 4.5 \ V$	4.3	4.5	-	4.3	-	V
		$I_O = -8 \text{ mA}; V_{CC} = 3.0 \text{ V}$	2.4	2.82	-	2.2	-	V
		$I_O = -16 \text{ mA}; V_{CC} = 4.5 \text{ V}$	3.6	4.2	-	3.5	-	V
$V_{OL}$	LOW-level output voltage	$V_I = V_{IH}$ or $V_{IL}$						
		$I_O = 100 \mu A; V_{CC} = 1.2 V$	-	0	-	-	-	V
		$I_O = 100 \mu A; V_{CC} = 2.0 V$	-	0	0.2	-	0.2	V
		$I_O = 100 \mu A; V_{CC} = 2.7 V$	-	0	0.2	-	0.2	V
		$I_O = 100 \mu A; V_{CC} = 3.0 V$	-	0	0.2	-	0.2	V
		$I_O = 100 \mu A; V_{CC} = 4.5 V$	-	0	0.2	-	0.2	V
		$I_{O} = 8 \text{ mA}; V_{CC} = 3.0 \text{ V}$	-	0.20	0.40	-	0.50	V
		$I_{O}$ = 16 mA; $V_{CC}$ = 4.5 V	-	0.35	0.55	-	0.65	V
l <sub>l</sub>	input leakage current	$V_I = V_{CC}$ or GND; $V_{CC} = 5.5 \text{ V}$	-	-	1.0	-	1.0	μΑ
l <sub>OZ</sub>	OFF-state output current			10	μΑ			
I <sub>CC</sub>	supply current	$V_I = V_{CC}$ or GND; $I_O = 0$ A; $V_{CC} = 5.5 \text{ V}$	-	-	20	-	160	μΑ
$\Delta I_{CC}$	additional supply current	per input; $V_I = V_{CC} - 0.6 \text{ V}$ ; $V_{CC} = 2.7 \text{ V}$ to 3.6 V	-	-	500	-	850	μΑ
Cı	input capacitance		-	3.5	-	-	-	pF

<sup>[1]</sup> Typical values are measured at  $T_{amb}$  = 25 °C.

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## 10. Dynamic characteristics

Table 7. Dynamic characteristics

Voltages are referenced to GND (ground = 0 V). For test circuit see Figure 11.

Symbol	Parameter	eter Conditions -40 °C to +85 °C		S °C	–40 °C 1	to +125 °C	Unit		
				Min	Typ[1]	Max	Min	Max	
t <sub>pd</sub>	propagation delay	Dn to Qn; see Figure 7	[2]					'	
		V <sub>CC</sub> = 1.2 V		-	75	-	-	-	ns
		V <sub>CC</sub> = 2.0 V		-	26	39	-	49	ns
		V <sub>CC</sub> = 2.7 V		-	19	29	-	36	ns
		$V_{CC} = 3.0 \text{ V to } 3.6 \text{ V; } C_L = 15 \text{ pF}$	[3]	-	12	-	-	-	ns
		$V_{CC} = 3.0 \text{ V to } 3.6 \text{ V}$	[3]	-	14	23	-	29	ns
		$V_{CC} = 4.5 \text{ V to } 5.5 \text{ V}$		-	-	19	-	24	ns
		LE to Qn; see Figure 8	[2]						
		V <sub>CC</sub> = 1.2 V		-	80	-	-	-	ns
		$V_{CC} = 2.0 \text{ V}$		-	27	43	-	53	ns
		$V_{CC} = 2.7 \text{ V}$		-	20	31	-	34	ns
		$V_{CC} = 3.0 \text{ V to } 3.6 \text{ V; } C_L = 15 \text{ pF}$	[3]	-	13	-	-	-	ns
		V <sub>CC</sub> = 3.0 V to 3.6 V	[3]	-	15	25	-	31	ns
		V <sub>CC</sub> = 4.5 V to 5.5 V		-	-	21	-	26	ns
t <sub>en</sub>	enable time	OE to Qn; see Figure 9	[2]						
		V <sub>CC</sub> = 1.2 V		-	70	-	-	-	ns
		V <sub>CC</sub> = 2.0 V		-	24	37	-	48	ns
		$V_{CC} = 2.7 \text{ V}$		-	18	28	-	35	ns
		$V_{CC} = 3.0 \text{ V to } 3.6 \text{ V}$	[3]	-	13	22	-	28	ns
		$V_{CC} = 4.5 \text{ V to } 5.5 \text{ V}$		-	-	18	-	23	ns
$t_{dis}$	disable time	OE to Qn; see Figure 9	[2]						
		V <sub>CC</sub> = 1.2 V		-	80	-	-	-	ns
		$V_{CC} = 2.0 \text{ V}$		-	29	39	-	48	ns
		$V_{CC} = 2.7 \text{ V}$		-	22	29	-	36	ns
		V <sub>CC</sub> = 3.0 V to 3.6 V	[3]	-	17	24	-	29	ns
		V <sub>CC</sub> = 4.5 V to 5.5 V		-	-	20	-	24	ns
t <sub>W</sub>	pulse width	LE HIGH; see Figure 8							
		V <sub>CC</sub> = 2.0 V		34	9	-	41	-	ns
		$V_{CC} = 2.7 \text{ V}$		25	6	-	30	-	ns
		V <sub>CC</sub> = 3.0 V to 3.6 V	[3]	20	5	-	24	-	ns
t <sub>su</sub>	set-up time	nD to nCP; see Figure 10							
		V <sub>CC</sub> = 1.2 V		-	25	-	-	-	ns
		V <sub>CC</sub> = 2.0 V		17	9	-	20	-	ns
		V <sub>CC</sub> = 2.7 V		13	6	-	15	-	ns
		$V_{CC} = 3.0 \text{ V to } 3.6 \text{ V}$	[3]	10	5	-	12	-	ns

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#### Octal D-type transparent latch; 3-state

**Dynamic characteristics** ...continued Table 7.

Voltages are referenced to GND (ground = 0 V). For test circuit see Figure 11.

Symbol	Parameter	Conditions		-40	°C to +85	S °C	–40 °C t	o +125 °C	Unit
				Min	Typ[1]	Max	Min	Max	
t <sub>h</sub>	hold time	Dn to LE; see Figure 10							
		V <sub>CC</sub> = 1.2 V		-	5	-	-	-	ns
		$V_{CC} = 2.0 \text{ V}$		8	2	-	8	-	ns
		$V_{CC} = 2.7 \text{ V}$		8	2	-	8	-	ns
		$V_{CC} = 3.0 \text{ V to } 3.6 \text{ V}$	[3]	8	1	-	8	-	ns
$C_{PD}$	power dissipation capacitance	$C_L$ = 50 pF; $f_i$ = 1 MHz; $V_I$ = GND to $V_{CC}$	<u>[4]</u>	-	26	-	-	-	pF

- [1] All typical values are measured at  $T_{amb}$  = 25 °C.
- [2]  $t_{pd}$  is the same as  $t_{PLH}$  and  $t_{PHL}$ .  $t_{en}$  is the same as  $t_{PZL}$  and  $t_{PZH}$ . t<sub>dis</sub> is the same as t<sub>PLZ</sub> and t<sub>PHZ</sub>.
- [3] Typical values are measured at nominal supply voltage ( $V_{CC} = 3.3 \text{ V}$ ).
- [4]  $C_{PD}$  is used to determine the dynamic power dissipation ( $P_D$  in  $\mu W$ ).

 $P_D = C_{PD} \times V_{CC}^2 \times f_i \times N + \Sigma (C_L \times V_{CC}^2 \times f_o)$  where:

 $f_i$  = input frequency in MHz,  $f_o$  = output frequency in MHz

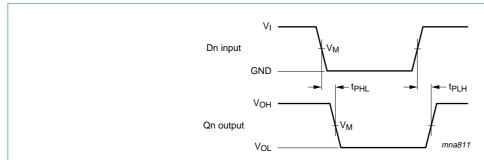
 $C_L$  = output load capacitance in pF

V<sub>CC</sub> = supply voltage in Volts

N = number of inputs switching

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

#### 11. Waveforms



Measurement points are given in Table 8.

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

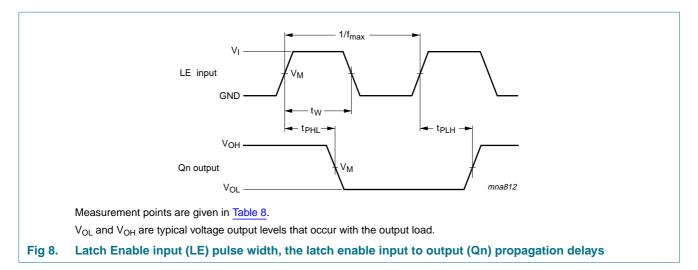
Fig 7. Input (Dn) to output (Qn) propagation delays

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OE input GND ← t<sub>PLZ</sub> →  $t_{PZL}$  $V_{\text{CC}}$ Qn output LOW-to-OFF OFF-to-LOW ← t<sub>PZH</sub> → t<sub>PHZ</sub> - $V_{OH}$ Qn output HIGH-to-OFF VΜ OFF-to-HIGH GND outputs enabled outputs enabled outputs mna813 Measurement points are given in Table 8.  $V_{OL}$  and  $V_{OH}$  are typical voltage output levels that occur with the output load. **Enable and disable times** Fig 9.

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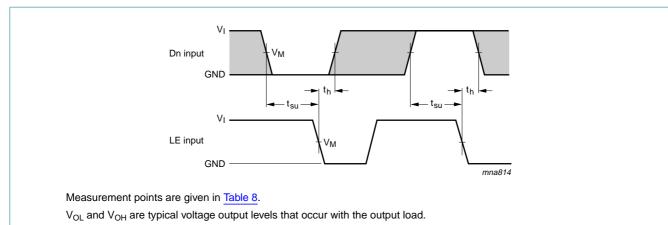
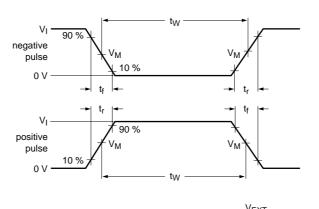


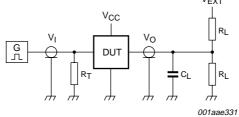
Fig 10. Data set-up and hold times for the Dn input to the LE input

Table 8. **Measurement points** 

Supply voltage	Input	Output	Output						
V <sub>CC</sub>	V <sub>M</sub>	V <sub>M</sub>	V <sub>X</sub>	V <sub>Y</sub>					
< 2.7 V	0.5V <sub>CC</sub>	0.5V <sub>CC</sub>	$V_{OL}$ + $0.1V_{CC}$	$V_{OH} - 0.1V_{CC}$					
2.7 V to 3.6 V	1.5 V	1.5 V	V <sub>OL</sub> + 0.3 V	V <sub>OH</sub> – 0.3 V					
≥ 4.5 V	0.5V <sub>CC</sub>	0.5V <sub>CC</sub>	$V_{OL}$ + $0.1V_{CC}$	$V_{OH} - 0.1V_{CC}$					

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Test data is given in Table 9.

Definitions for test circuit:

R<sub>L</sub> = Load resistance.

 $C_L$  = Load capacitance including jig and probe capacitance.

 $R_T$  = Termination resistance should be equal to output impedance  $Z_0$  of the pulse generator.

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

Fig 11. Test circuit for measuring switching times

Table 9. Test data

Supply voltage	Input		Load		V <sub>EXT</sub>			
V <sub>CC</sub>	VI	t <sub>r</sub> , t <sub>f</sub>	CL	R <sub>L</sub>	t <sub>PHL</sub> , t <sub>PLH</sub>	t <sub>PZH</sub> , t <sub>PHZ</sub>	t <sub>PZL</sub> , t <sub>PLZ</sub>	
< 2.7 V	V <sub>CC</sub>	≤ 2.5 ns	50 pF	1 kΩ	open	GND	2V <sub>CC</sub>	
2.7 V to 3.6 V	2.7 V	≤ 2.5 ns	15 pF, 50 pF	1 kΩ	open	GND	2V <sub>CC</sub>	
≥ 4.5 V	$V_{CC}$	≤ 2.5 ns	50 pF	1 kΩ	open	GND	2V <sub>CC</sub>	

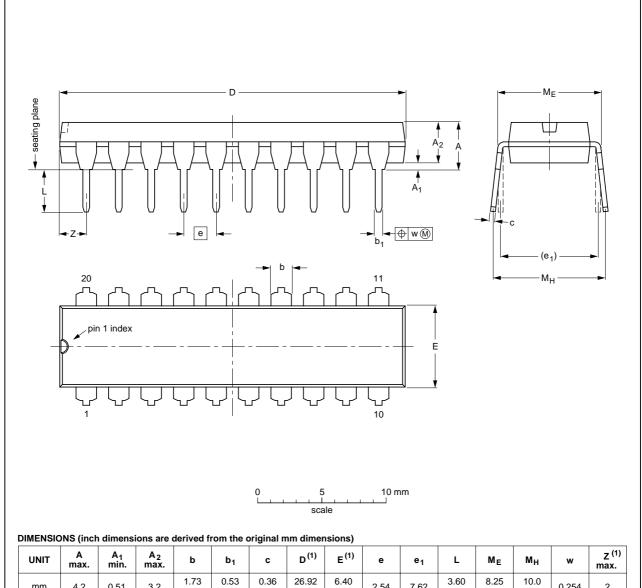
**Product data sheet** 

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## 12. Package outline

#### DIP20: plastic dual in-line package; 20 leads (300 mil)

SOT146-1



UNIT	A max.	A <sub>1</sub> min.	A <sub>2</sub> max.	b	b <sub>1</sub>	С	D <sup>(1)</sup>	E <sup>(1)</sup>	е	e <sub>1</sub>	L	ME	Мн	w	Z <sup>(1)</sup> max.
mm	4.2	0.51	3.2	1.73 1.30	0.53 0.38	0.36 0.23	26.92 26.54	6.40 6.22	2.54	7.62	3.60 3.05	8.25 7.80	10.0 8.3	0.254	2
inches	0.17	0.02	0.13	0.068 0.051	0.021 0.015	0.014 0.009	1.060 1.045	0.25 0.24	0.1	0.3	0.14 0.12	0.32 0.31	0.39 0.33	0.01	0.078

#### Note

1. Plastic or metal protrusions of 0.25 mm (0.01 inch) maximum per side are not included.

OUTLINE		REFER	ENCES	EUROPEAN	ISSUE DATE
VERSION	IEC	JEDEC	JEITA	PROJECTION	ISSUE DATE
SOT146-1		MS-001	SC-603		<del>99-12-27</del> 03-02-13
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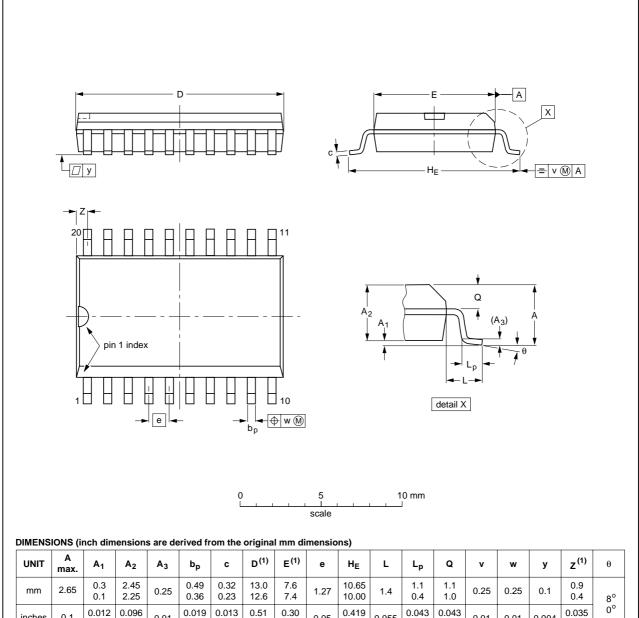
Fig 12. Package outline SOT146-1 (DIP20)

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

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UNIT	A max.	A <sub>1</sub>	A <sub>2</sub>	A <sub>3</sub>	bp	С	D <sup>(1)</sup>	E <sup>(1)</sup>	е	HE	L	Lp	Q	v	w	у	z <sup>(1)</sup>	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	l	0.043 0.039	0.01	0.01	0.004	0.035 0.016	0°

#### Note

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

PROJECTION			
PROJECTION	ISSUE DATE		
	<del>99-12-27</del> 03-02-19		
	$\qquad \qquad \bigoplus \\$		

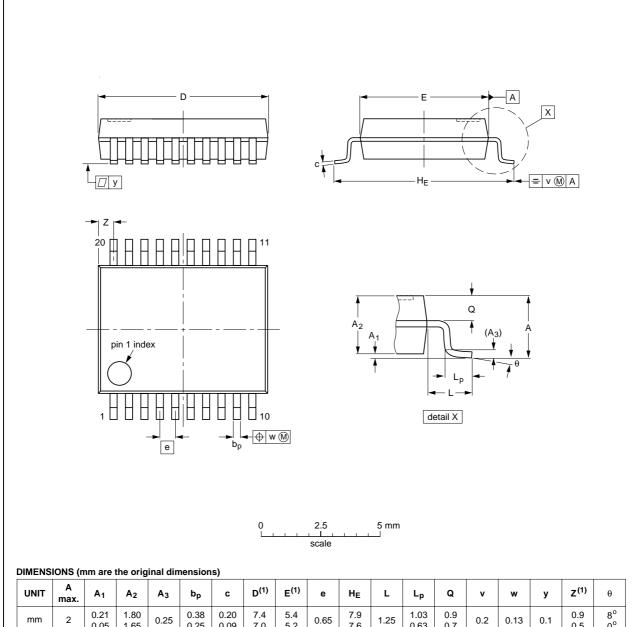
Fig 13. Package outline SOT163-1 (SO20)

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#### SSOP20: plastic shrink small outline package; 20 leads; body width 5.3 mm

SOT339-1

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UNIT	A max.	A <sub>1</sub>	A <sub>2</sub>	A <sub>3</sub>	bp	С	D <sup>(1)</sup>	E <sup>(1)</sup>	е	HE	L	Lp	Q	v	w	у	Z <sup>(1)</sup>	θ
mm	2	0.21 0.05	1.80 1.65	0.25	0.38 0.25	0.20 0.09	7.4 7.0	5.4 5.2	0.65	7.9 7.6	1.25	1.03 0.63	0.9 0.7	0.2	0.13	0.1	0.9 0.5	8° 0°

#### Note

**Product data sheet** 

1. Plastic or metal protrusions of 0.2 mm maximum per side are not included.

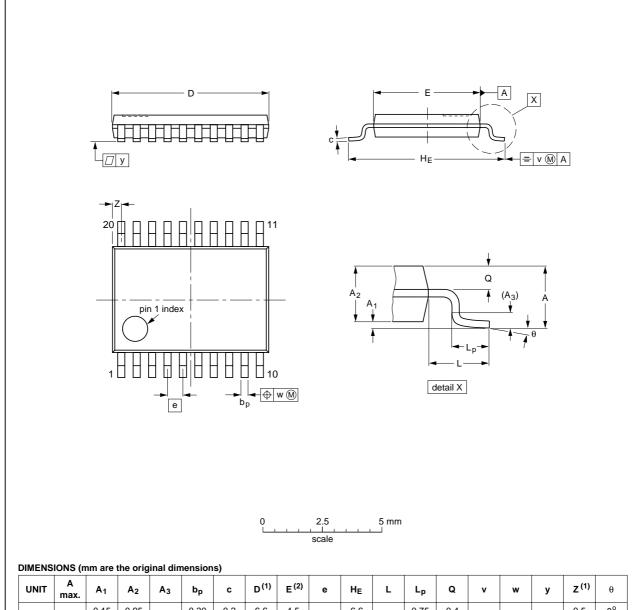
OUTLINE		REFER	EUROPEAN	ISSUE DATE		
VERSION	IEC JEDEC		JEITA			PROJECTION
SOT339-1		MO-150				<del>99-12-27</del> 03-02-19

Fig 14. Package outline SOT339-1 (SSOP20)

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

SOT360-1



UNIT	A max.	A <sub>1</sub>	A <sub>2</sub>	A <sub>3</sub>	bp	C	D <sup>(1)</sup>	E <sup>(2)</sup>	е	HE	L	Lp	Q	v	w	у	Z <sup>(1)</sup>	θ
mm	1.1	0.15 0.05	0.95 0.80	0.25	0.30 0.19	0.2 0.1	6.6 6.4	4.5 4.3	0.65	6.6 6.2	1	0.75 0.50	0.4 0.3	0.2	0.13	0.1	0.5 0.2	8° 0°

#### 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		REFER	EUROPEAN	ISSUE DATE				
VERSION	IEC	JEDEC	JEITA		PROJECTION	ISSUE DATE		
SOT360-1		MO-153				<del>99-12-27</del> 03-02-19		

Fig 15. Package outline SOT360-1 (TSSOP20)

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Octal D-type transparent latch; 3-state

## 13. Abbreviations

#### Table 10. Abbreviations

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

## 14. Revision history

#### Table 11. Revision history

Document ID	Release date	Data sheet status	Change notice	Supersedes				
74LV573_3	20090415	Product data sheet	-	74LV573_2				
Modifications:	<ul> <li>The format of this data sheet has been redesigned to comply with the new identity guideline of NXP Semiconductors.</li> </ul>							
	<ul> <li>Legal texts have be</li> </ul>	een adapted to the new c	ompany name when app	ropriate.				
74LV573_2	19980610	Product specification	-	74LV573_1				
74LV573_1	19970606	Product specification	-	-				

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Octal D-type transparent latch; 3-state

## 15. Legal information

#### 15.1 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 <a href="http://www.nxp.com">http://www.nxp.com</a>.

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#### Octal D-type transparent latch; 3-state

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