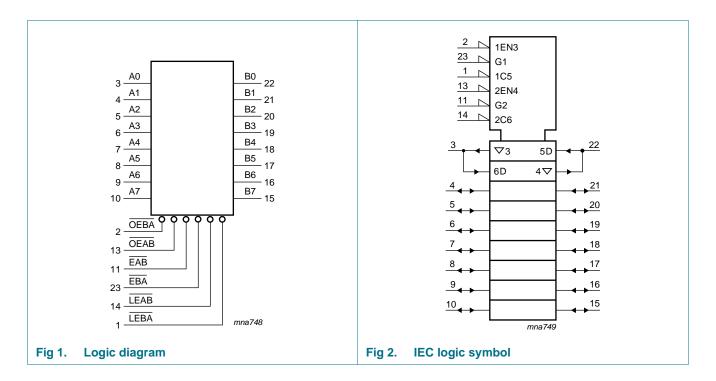
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3. Ordering information

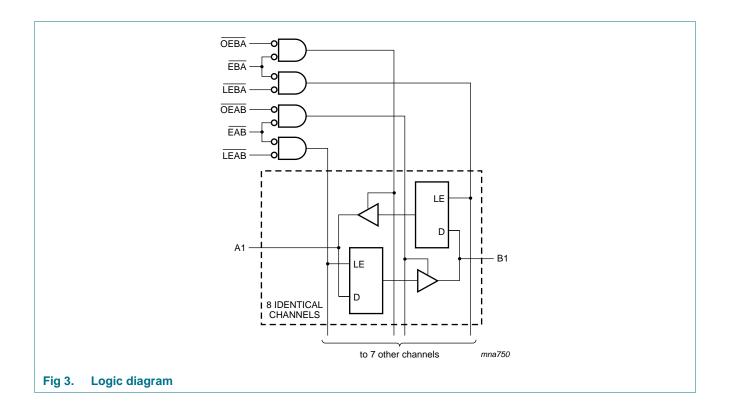
Table 1. Ordering information

Type number	Package	Package									
	Temperature range	Name	Description	Version							
74LVC543AD	–40 °C to +125 °C	SO24	plastic small outline package; 24 leads; body width 7.5 mm	SOT137-1							
74LVC543ADB	–40 °C to +125 °C	SSOP24	plastic shrink small outline package; 24 leads; body width 5.3 mm	SOT340-1							
74LVC543APW	–40 °C to +125 °C	TSSOP24	plastic thin shrink small outline package; 24 leads; body width 4.4 mm	SOT355-1							
74LVC543ABQ	–40 °C to +125 °C	DHVQFN24	plastic dual in-line compatible thermal enhanced very thin quad flat package; no leads; 24 terminals; body $3.5\times5.5\times0.85$ mm	SOT815-1							

4. Functional diagram



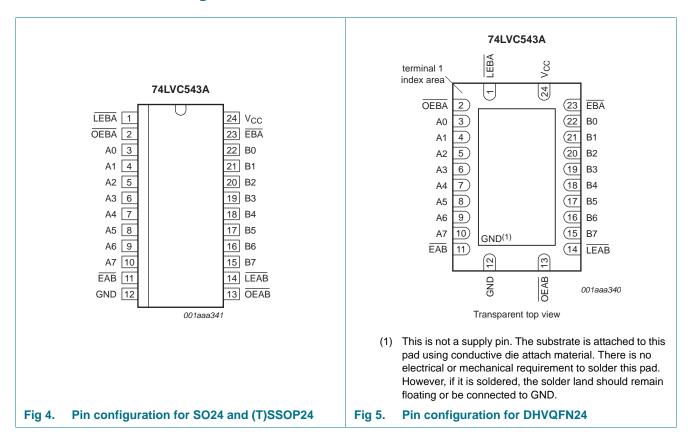
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5. Pinning information

5.1 Pinning



5.2 Pin description

Table 2. Pin description

	•	
Symbol	Pin	Description
LEBA	1	B to A latch enable input (active LOW)
LEAB	14	A to B latch enable input (active LOW)
OEBA	2	B to A output enable input (active LOW)
OEAB	13	A to B output enable input (active LOW)
EBA	23	B to A enable input (active LOW)
EAB	11	A to B enable input (active LOW)
A[0:7]	3, 4, 5, 6, 7, 8, 9, 10	A data input or output
B[0:7]	22, 21, 20, 19, 18, 17, 16, 15	B data output or input
GND	12	ground (0 V)
V _{CC}	24	supply voltage

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6. Functional description

Table 3. Functional table[1]

Operating modes	Input				Output
	OEAB, OEBA	EAB, EBA	LEAB, LEBA	An, Bn	Bn, An
Disabled	Н	Χ	X	X	Z
	Χ	Н	Χ	Χ	Z
Disabled plus latch	L	↑	L	h	Z
	L	↑	L		Z
Latch plus display	L	L	↑	h	Н
	L	L	↑	ļ	L
Transparent	L	L	L	Н	Н
	L	L	L	L	L
Hold (do nothing)	L	L	Н	X	NC

^[1] H = HIGH voltage level

 $h = a HIGH must be present one set-up time before the LOW to HIGH transition of <math>\overline{LEAB}$, \overline{LEBA} , \overline{EAB} and \overline{EBA}

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

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

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L = LOW voltage level

I = a LOW must be present one set-up time before the LOW to HIGH transition of \overline{LEAB} , \overline{LEBA} , \overline{EAB} and \overline{EBA}

X = don't care

^{↑ =} LOW to HIGH level transition

NC = no change

Z = high-impedance OFF-state

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

^[3] For SO24 packages: above 70 °C the value of P_{tot} derates linearly with 8 mW/K.
For (T)SSOP24 packages: above 60 °C the value of P_{tot} derates linearly with 5.5 mW/K.
For DHVQFN24 packages: above 60 °C the value of P_{tot} derates linearly with 4.5 mW/K.

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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
V _I	input voltage		0	-	5.5	V
Vo	output voltage	output HIGH or LOW	0	-	V_{CC}	V
		output 3-state	0	-	5.5	V
T _{amb}	ambient temperature	in free air	-40	-	+125	°C
$\Delta t/\Delta V$	input transition rise and fall rate	$V_{CC} = 1.65 \text{ V to } 2.7 \text{ V}$	0	-	20	ns/V
		$V_{CC} = 2.7 \text{ V to } 3.6 \text{ V}$	0	-	10	ns/V

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	85 °C	-40 °C to	+125 °C	Unit
			Min	Typ[1]	Max	Min	Max	Ī
V_{IH}	HIGH-level	V _{CC} = 1.2 V	1.08	-	-	1.08	-	٧
	input voltage	V _{CC} = 1.65 V to 1.95 V	$0.65 \times V_{CC}$	-	-	$0.65 \times V_{CC}$	-	V
		$V_{CC} = 2.3 \text{ V to } 2.7 \text{ V}$	1.7	-	-	1.7	-	V
		$V_{CC} = 2.7 \text{ V to } 3.6 \text{ V}$	2.0	-	-	2.0	-	V
V_{IL}	LOW-level	V _{CC} = 1.2 V	-	-	0.12	-	0.12	V
	input voltage	$V_{CC} = 1.65 \text{ V to } 1.95 \text{ V}$	-	-	$0.35 \times V_{CC}$	-	$0.35 \times V_{CC}$	V
		$V_{CC} = 2.3 \text{ V to } 2.7 \text{ V}$	-	-	0.7	-	0.7	V
		$V_{CC} = 2.7 \text{ V to } 3.6 \text{ V}$	-	-	0.8	-	0.8	V
V_{OH}	HIGH-level	$V_I = V_{IH}$ or V_{IL}						
	output voltage	$I_O = -100 \mu A;$ $V_{CC} = 1.65 \text{ V to } 3.6 \text{ V}$	V _{CC} - 0.2	-	-	$V_{CC}-0.3$	-	V
		$I_{O} = -4 \text{ mA}; V_{CC} = 1.65 \text{ V}$	1.2	-	-	1.05	-	V
		$I_O = -8$ mA; $V_{CC} = 2.3$ V	1.8	-	-	1.65	-	V
		$I_{O} = -12 \text{ mA}; V_{CC} = 2.7 \text{ V}$	2.2	-	-	2.05	-	V
		$I_{O} = -18 \text{ mA}; V_{CC} = 3.0 \text{ V}$	2.4	-	-	2.25	-	V
		$I_O = -24 \text{ mA}; V_{CC} = 3.0 \text{ V}$	2.2	-	-	2.0	-	V
V _{OL}	LOW-level	$V_I = V_{IH}$ or V_{IL}						
	output voltage	$I_O = 100 \mu A;$ $V_{CC} = 1.65 \text{ V to } 3.6 \text{ V}$	-	-	0.2	-	0.3	V
		$I_O = 4 \text{ mA}; V_{CC} = 1.65 \text{ V}$	-	-	0.45	-	0.65	V
		$I_O = 8 \text{ mA}; V_{CC} = 2.3 \text{ V}$	-	-	0.6	-	0.8	٧
		$I_O = 12 \text{ mA}; V_{CC} = 2.7 \text{ V}$	-	-	0.4	-	0.6	V
		$I_O = 24 \text{ mA}; V_{CC} = 3.0 \text{ V}$	-	-	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

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Table 6. Static characteristics ... continued

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

						_			_
Parameter	Conditions		-40	°C to +8	5 °C	-	-40 °C to	+125 °C	Unit
			Min	Typ[1]	Max		Min	Max	
OFF-state output current	$V_I = V_{IH}$ or V_{IL} ; $V_{CC} = 3.6$ V; $V_O = 5.5$ V or GND;	-		0.1	±10	-		±20	μΑ
power-off leakage current	$V_{CC} = 0 \text{ V}; V_{I} \text{ or } V_{O} = 5.5 \text{ V}$	-		0.1	±10	-		±20	μА
supply current	V_{CC} = 3.6 V; V_I = V_{CC} or GND; I_O = 0 A	-		0.1	10	-		40	μА
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	μА
input capacitance	$V_{CC} = 0 \text{ V to } 3.6 \text{ V};$ $V_{I} = \text{GND to } V_{CC}$	-		4.0	-	-		-	pF
input/output capacitance	$V_{CC} = 0 \text{ V to } 3.6 \text{ V};$ $V_{I} = \text{GND to } V_{CC}$	-		5.0	-	-		-	pF
	OFF-state output current power-off leakage current supply current additional supply current input capacitance input/output	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{ c c c c }\hline & & & & & & & & \\\hline \text{OFF-state} & & V_{I} = V_{IH} \text{ or } V_{IL}; \ V_{CC} = 3.6 \text{ V}; \\ \text{output current} & & V_{O} = 5.5 \text{ V or GND}; \\ \hline \text{power-off} & & V_{CC} = 0 \text{ V}; \ V_{I} \text{ or } V_{O} = 5.5 \text{ V} \\ \text{leakage} & & & & & \\\hline \text{current} & & & & & \\\hline \text{supply current} & & & & & \\\hline \text{supply current} & & & & & \\\hline \text{Additional} & & & & & \\\hline \text{per input pin;} & & & & \\\hline \text{V}_{CC} = 2.7 \text{ V to } 3.6 \text{ V}; \\\hline \text{V}_{I} = V_{CC} - 0.6 \text{ V}; \ I_{O} = 0 \text{ A} \\\hline \text{input} & & & & & \\\hline \text{capacitance} & & & & \\\hline \text{Input/output} & & & & \\\hline \text{V}_{CC} = 0 \text{ V to } 3.6 \text{ V}; & & & \\\hline \text{Input/output} & & & & \\\hline \text{V}_{CC} = 0 \text{ V to } 3.6 \text{ V}; & & & \\\hline \end{array}$		$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$

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

10. Dynamic characteristics

Table 7. Dynamic characteristics

Voltages are referenced to GND (ground = 0 V). For test circuit see <u>Figure 10</u>.

Symbol Parameter		Conditions		-40	°C to +8	-40 °C to +85 °C			Unit
				Min	Typ[1]	Max	Min	Max	
t_{pd}	propagation	An to Bn; Bn to An; see Figure 6	2]						
delay	delay	V _{CC} = 1.2 V		-	15	-	-	-	ns
	$V_{CC} = 1.65 \text{ V to } 1.95 \text{ V}$		1.7	7.1	16.3	1.7	18.9	ns	
		$V_{CC} = 2.3 \text{ V to } 2.7 \text{ V}$		1.5	3.8	8.4	1.5	9.7	ns
		V _{CC} = 2.7 V		1.5	3.7	8.0	1.5	10.0	ns
		V _{CC} = 3.0 V to 3.6 V		1.0	3.2	7.0	1.0	9.0	ns
		LEBA to An; LEAB to Bn; see Figure 7	2]						
		V _{CC} = 1.2 V		-	16	-	-	-	ns
		$V_{CC} = 1.65 \text{ V to } 1.95 \text{ V}$		1.5	7.3	19.9	1.5	22.9	ns
		$V_{CC} = 2.3 \text{ V to } 2.7 \text{ V}$		1.0	3.9	10.2	1.0	11.8	ns
		V _{CC} = 2.7 V		1.5	4.2	9.5	1.5	12.0	ns
		V _{CC} = 3.0 V to 3.6 V		1.2	3.2	8.5	1.2	11.0	ns

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 Table 7.
 Dynamic characteristics ...continued

Voltages are referenced to GND (ground = 0 V). For test circuit see Figure 10.

Symbol	Parameter	Conditions	-40	°C to +8	5 °C	-40 °C to	o +125 °C	Uni
			Min	Typ[1]	Max	Min	Max	
en	enable time	OEBA to An; OEAB to Bn; see Figure 8 2	'		1	'		
		V _{CC} = 1.2 V	-	17	-	-	-	ns
		V _{CC} = 1.65 V to 1.95 V	1.7	7.4	17.6	1.7	20.3	ns
		V _{CC} = 2.3 V to 2.7 V	1.5	4.2	9.7	1.5	11.2	ns
		V _{CC} = 2.7 V	1.5	4.3	9.2	1.5	11.5	ns
		V _{CC} = 3.0 V to 3.6 V	1.3	3.4	7.7	1.3	10.0	ns
		EBA to An; EAB to Bn; see Figure 8						
		V _{CC} = 1.2 V	-	18	-	-	-	ns
		V _{CC} = 1.65 V to 1.95 V	1.9	8.0	18.3	1.9	21.1	ns
		V _{CC} = 2.3 V to 2.7 V	1.5	4.5	10.1	1.5	11.6	ns
		V _{CC} = 2.7 V	1.5	4.6	9.3	1.5	12.0	ns
		V _{CC} = 3.0 V to 3.6 V	1.3	3.6	8.0	1.3	10.0	ns
dis	disable time	OEBA to An; OEAB to Bn; see Figure 8 2						
		V _{CC} = 1.2 V	-	8.0	-	-	-	ns
		V _{CC} = 1.65 V to 1.95 V	2.7	4.8	12.0	2.7	13.9	ns
		V _{CC} = 2.3 V to 2.7 V	1.0	2.7	6.8	1.0	7.9	ns
		V _{CC} = 2.7 V	1.5	3.5	7.5	1.5	9.5	ns
		V _{CC} = 3.0 V to 3.6 V	1.5	3.3	7.0	1.5	9.0	ns
		EBA to An; EAB to Bn; see Figure 8						
		V _{CC} = 1.2 V	-	8.5	-	-	-	ns
		V _{CC} = 1.65 V to 1.95 V	3.1	5.0	12.1	3.1	14.0	ns
		V _{CC} = 2.3 V to 2.7 V	1.0	2.8	6.9	1.0	8.0	ns
		V _{CC} = 2.7 V	1.5	3.6	7.5	1.5	11.5	ns
		V _{CC} = 3.0 V to 3.6 V	1.5	3.4	7.0	1.5	9.0	ns
N	pulse width	LEAB, LEBA LOW; see Figure 7						
		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	3.0	-	-	3.0	-	ns
		V _{CC} = 3.0 V to 3.6 V	3.0	0.9	-	3.0	-	ns
su	set-up time	An, Bn to LEAB, LEBA, EAB, EBA; see Figure 9						
		V _{CC} = 1.65 V to 1.95 V	3.0	-	-	3.0	-	ns
		V _{CC} = 2.3 V to 2.7 V	2.0	-	-	2.0	-	ns
		V _{CC} = 2.7 V	1.5	-	-	1.5	-	ns
		V _{CC} = 3.0 V to 3.6 V	+1.5	-0.5	-	1.5	-	ns

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 Table 7.
 Dynamic characteristics ...continued

Voltages are referenced to GND (ground = 0 V). For test circuit see Figure 10.

Symbol	Parameter	Conditions		-40 °C to +85 °C			–40 °C to	+125 °C	Unit
				Min	Typ[1]	Max	Min	Max	
t _h hold time		An, Bn to LEAB, LEBA, EAB, EBA; see Figure 9							
		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		1.5	-	-	1.5	-	ns
		V _{CC} = 3.0 V to 3.6 V		1.5	0.6	-	1.5	-	ns
t _{sk(o)}	output skew time	$V_{CC} = 3.0 \text{ V to } 3.6 \text{ V}$	[3]	-	-	1.0	-	1.5	ns
C_{PD}	power	$V_I = GND$ to V_{CC}	<u>[4]</u>						
	dissipation capacitance	V _{CC} = 1.65 V to 1.95 V		-	8.3	-			pF
	сараспапсе	V _{CC} = 2.3 V to 2.7 V		-	11.9	-			pF
		V _{CC} = 3.0 V to 3.6 V		-	15.2	-			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).

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

 f_i = input frequency in MHz; f_o = output frequency in MHz

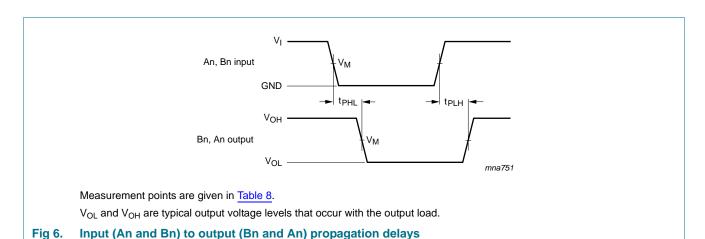
C_L = output load capacitance in pF

V_{CC} = supply voltage in Volts

N = number of inputs switching

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

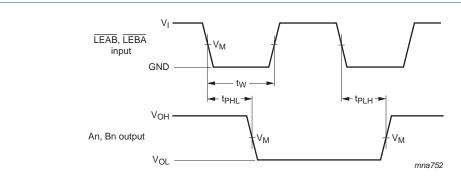
11. AC waveforms



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Measurement points are given in Table 8.

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

Fig 7. Latch enable input (LEAB, LEBA) pulse width and latch enable input to output An and Bn propagation delays

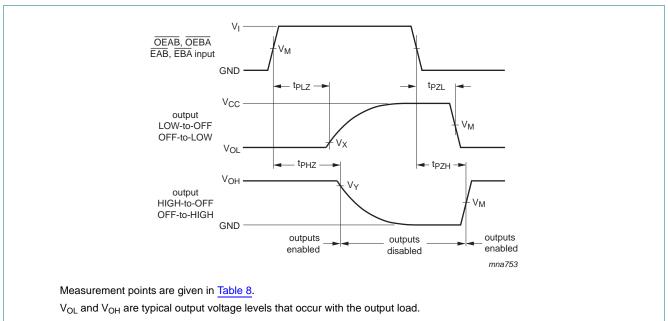


Fig 8. 3-state enable and disable times

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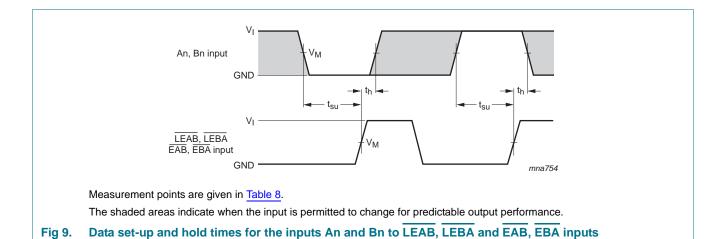
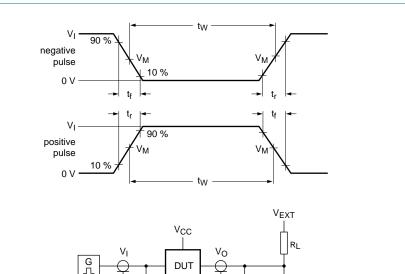


Table 8. Measurement points

Supply voltage	Input		Output	Output					
V _{CC}	VI	V _M	V _M	V _X	V _Y				
1.2 V	V_{CC}	$0.5 \times V_{CC}$	$0.5 \times V_{CC}$	V _{OL} + 0.15 V	$V_{OH}-0.15~V$				
1.65 V to 1.95 V	V_{CC}	$0.5 \times V_{CC}$	$0.5 \times V_{CC}$	V _{OL} + 0.15 V	V _{OH} – 0.15 V				
2.3 V to 2.7 V	V_{CC}	$0.5 \times V_{CC}$	$0.5 \times V_{CC}$	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	$V_{OL} + 0.3 V$	$V_{OH} - 0.3 V$				

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Test data is given in Table 9.

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_0 of the pulse generator.

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

Fig 10. Test circuit for measuring switching times

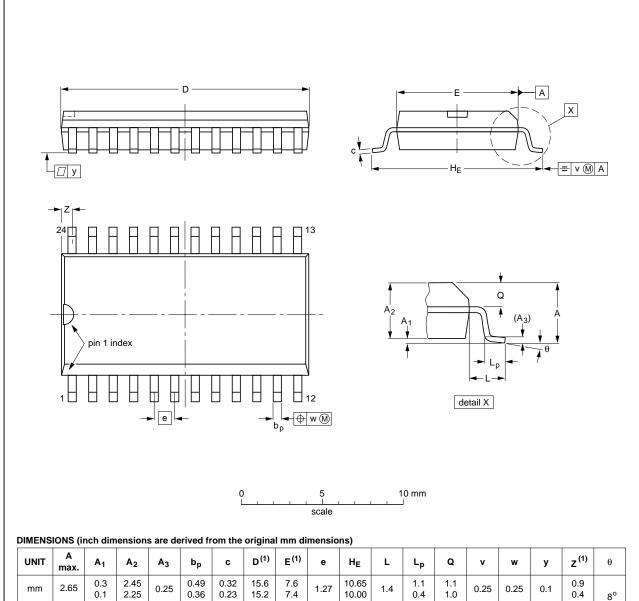
Table 9. Test data

Supply voltage	Input	Input		Load		V _{EXT}		
	VI	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 k Ω	open	$2\times V_{CC}$	GND	
1.65 V to 1.95 V	V_{CC}	≤ 2 ns	30 pF	1 kΩ	open	$2\times V_{CC}$	GND	
2.3 V to 2.7 V	V_{CC}	≤ 2 ns	30 pF	500Ω	open	$2\times V_{CC}$	GND	
2.7 V	2.7 V	≤ 2.5 ns	50 pF	500Ω	open	$2\times V_{CC}$	GND	
3.0 V to 3.6 V	2.7 V	≤ 2.5 ns	50 pF	500Ω	open	$2\times V_{CC}$	GND	

12. Package outline

SO24: plastic small outline package; 24 leads; body width 7.5 mm

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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	15.6 15.2	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	0.61 0.60	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.

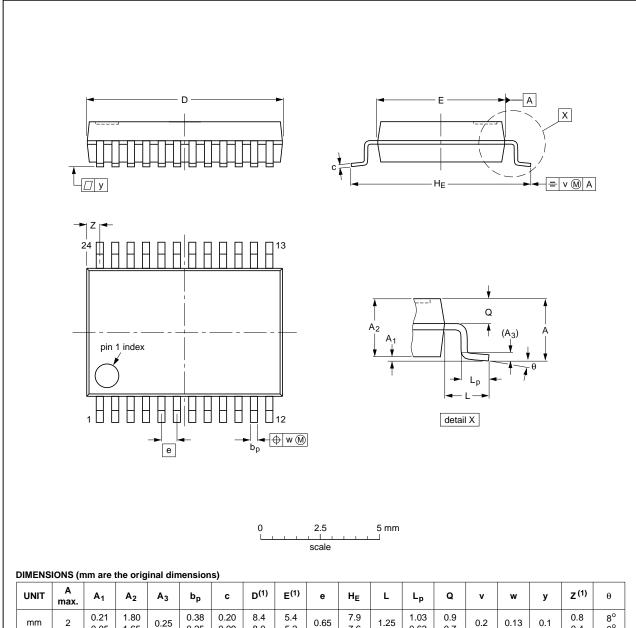
OUTLINE		REFER	EUROPEAN	ISSUE DATE			
VERSION	IEC	JEDEC	JEITA		PROJECTION	ISSUE DATE	
SOT137-1	075E05	MS-013				99-12-27 03-02-19	

Fig 11. Package outline SOT137-1 (SO24)

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SSOP24: plastic shrink small outline package; 24 leads; body width 5.3 mm

SOT340-1



	(.					٠-,												
UNI	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	0.21 0.05	1.80 1.65	0.25	0.38 0.25	0.20 0.09	8.4 8.0	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	0.8 0.4	8° 0°

Note

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

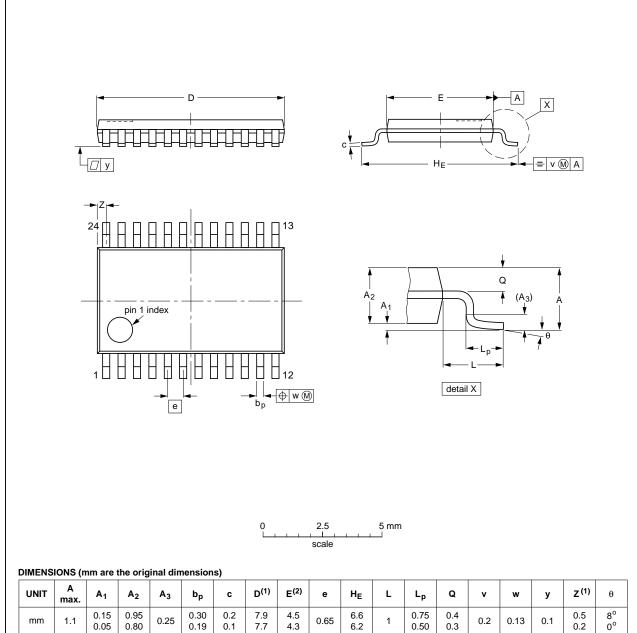
OUTLINE		REFER	EUROPEAN	ISSUE DATE			
VERSION	IEC	JEDEC	JEITA		PROJECTION	ISSUE DATE	
SOT340-1		MO-150				99-12-27 03-02-19	

Fig 12. Package outline SOT340-1 (SSOP24)

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TSSOP24: plastic thin shrink small outline package; 24 leads; body width 4.4 mm

SOT355-1



NI - 4 - -

- 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	1330E DATE	
SOT355-1		MO-153				-99-12-27- 03-02-19	

Fig 13. Package outline SOT355-1 (TSSOP24)

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DHVQFN24: plastic dual in-line compatible thermal enhanced very thin quad flat package; no leads; 24 terminals; body $3.5 \times 5.5 \times 0.85$ mm

SOT815-1

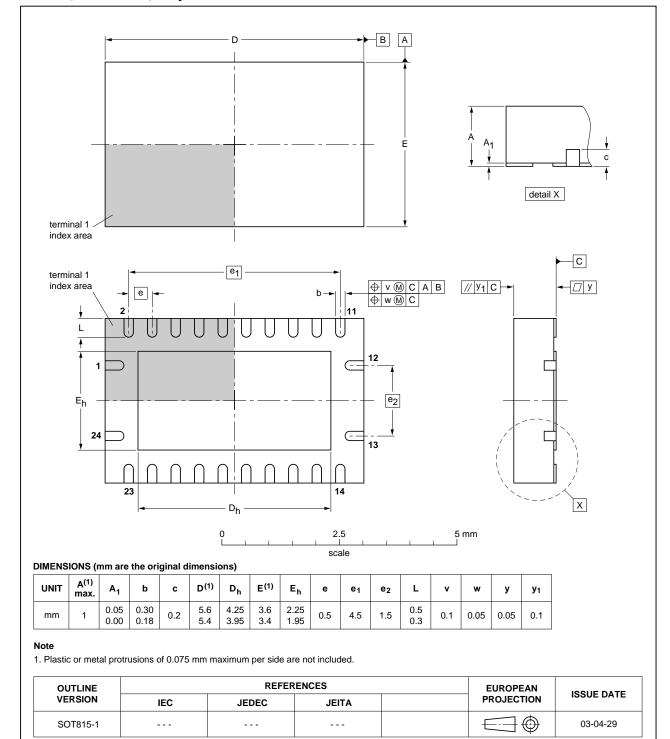


Fig 14. Package outline SOT815-1 (DHVQFN24)

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13. Abbreviations

Table 10. Abbreviations

Acronym	Description
CDM	Charged Device Model
DUT	Device Under Test
ESD	ElectroStatic Discharge
НВМ	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
74LVC543A v.8	20121218	Product data sheet	-	74LVC543A v.7
Modifications:	 Changed interl 	acing into interfacing (errata	a) in features list.	
74LVC543A v.7	20121129	Product data sheet	-	74LVC543A v.6
Modifications:	 The format of to of NXP Semicon 		designed to comply with	the new identity guidelines
	 Legal texts have 	e been adapted to the new	company name where	appropriate.
	• <u>Table 4</u> , <u>Table</u>	5, <u>Table 6, Table 7, Table 8</u>	and <u>Table 9</u> : values add	ded for lower voltage ranges.
74LVC543A v.6	20040407	Product specification	-	74LVC543A v.5
74LVC543A v.5	20040205	Product specification	-	74LVC543A v.4
74LVC543A v.4	20030516	Product specification	-	74LVC543A v.3
74LVC543A v.3	20000621	Product specification	-	74LVC543A v.2
74LVC543A v.2	19980731	Product specification	-	74LVC543A v.1
74LVC543A v.1	19970630	Product specification	-	-

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15. Legal information

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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 http://www.nxp.com.

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