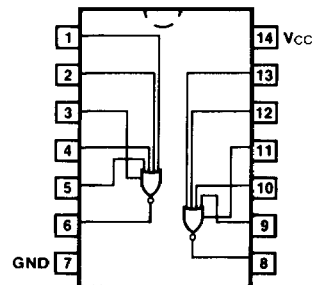


✓ 54/7425 011091

**DUAL 4-INPUT NOR GATE**  
(With Strobe)

**CONNECTION DIAGRAM**  
PINOUT A



**ORDERING CODE:** See Section 9

PKGS	PIN OUT	COMMERCIAL GRADE	MILITARY GRADE	PKG OUT
		$V_{CC} = +5.0\text{ V} \pm 5\%$ , $T_A = 0^\circ\text{ C to } +70^\circ\text{ C}$	$V_{CC} = +5.0\text{ V} \pm 10\%$ , $T_A = -55^\circ\text{ C to } +125^\circ\text{ C}$	
Plastic DIP (P)	A	7425PC		9A
Ceramic DIP (D)	A	7425DC	5425DM	6A
Flatpak (F)	A	7425FC	5425FM	3I

**INPUT LOADING/FAN-OUT:** See Section 3 for U.L. definitions

PINS	54/74 (U.L.) HIGH/LOW
Data Inputs	1.0/1.0
Strobe Inputs	4.0/4.0
Outputs	20/10

**DC AND AC CHARACTERISTICS:** See Section 3\*

SYMBOL	PARAMETER	54/74		UNITS	CONDITIONS	
		Min	Max		$V_{IN} = \text{Gnd}$	$V_{CC} = \text{Max}$
$I_{CCH}$	Power Supply Current		16	mA	$V_{IN} = \text{Gnd}$	$V_{CC} = \text{Max}$
$I_{CCL}$			19		$V_{IN} = \text{Open}$	
$t_{PLH}$ $t_{PHL}$	Propagation Delay		22 15	ns	Figs. 3-1, 3-4	

\*DC limits apply over operating temperature range; AC limits apply at  $T_A = +25^\circ\text{ C}$  and  $V_{CC} = +5.0\text{ V}$ .

This datasheet has been downloaded from:

[www.DatasheetCatalog.com](http://www.DatasheetCatalog.com)

Datasheets for electronic components.



LittleDiode supplies new, hard to find or obsolete electronic components and semiconductors all over the world.

With over two million different components listed you are sure to find the part you need.

Feel free to visit us today at our online store:

[LittleDiode.com](http://LittleDiode.com)

Looking forward to providing you with the best possible service.