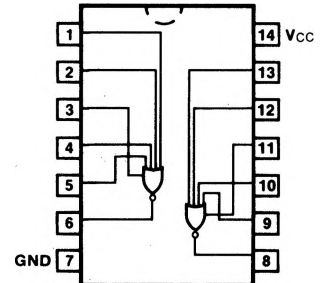


54/7425

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
Fiatpak (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}	Propagation Delay		22	ns	Figs. 3-1, 3-4	
t_{PHL}			15			

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