

✓ **54/7425** 011091
DUAL 4-INPUT NOR GATE
 (With Strobe)

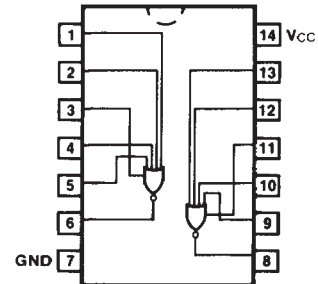
ORDERING CODE: See Section 9

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

CONNECTION DIAGRAM
PINOUT A



DC AND AC CHARACTERISTICS: See Section 3*

SYMBOL	PARAMETER	54/74		UNITS	CONDITIONS	
		Min	Max			
ICCH	Power Supply Current		16	mA	VIN = Gnd	VCC = Max
ICCL			19		VIN = Open	
tPLH tPHL	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 $V_{CC} = +5.0\text{ V}$.