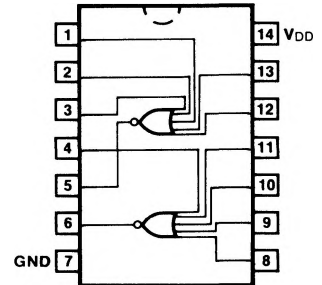


**54S/74S260**  
**54LS/74LS260**  
 DUAL 5-INPUT NOR GATE

**CONNECTION DIAGRAM**  
 PINOUT A

**ORDERING CODE:** See Section 9

PKGS	PIN OUT	COMMERCIAL GRADE	MILITARY GRADE	PKG TYPE
		$V_{CC} = +5.0\text{ V} \pm 5\%$ , $T_A = 0^\circ\text{C to } +70^\circ\text{C}$	$V_{CC} = +5.0\text{ V} \pm 10\%$ , $T_A = -55^\circ\text{C to } +125^\circ\text{C}$	
Plastic DIP (P)	A	74S260PC, 74LS260PC		9A
Ceramic DIP (D)	A	74S260DC, 74LS260DC	54S260DM, 54LS260DM	6A
Flatpak (F)	A	74S260FC, 74LS260FC	54S260FM, 54LS260FM	3I



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

PINS	54/74S (U.L.) HIGH/LOW	54/74LS (U.L.) HIGH/LOW
Inputs	1.25/1.25	0.5/0.25
Outputs	25/12.5	10/5.0 (2.5)

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

SYMBOL	PARAMETER	54/74S		54/74LS		UNITS	CONDITIONS	
		Min	Max	Min	Max		$V_{IN} = \text{Gnd}$	$V_{CC} = \text{Max}$
$I_{CCH}$	Power Supply Current	29		4.0		mA		
$I_{CCL}$		45		5.5			$V_{IN} = \text{Open}$	
$t_{PLH}$	Propagation Delay	5.5		10		ns	Figs. 3-1, 3-4	
$t_{PHL}$		6.0		12				

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