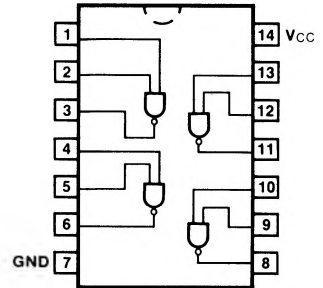


7426 54LS/74LS26

QUAD 2-INPUT NAND BUFFER
(With Open-Collector Outputs)

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	7426PC, 74LS26PC		9A
Ceramic DIP (D)	A	7426DC, 74LS26DC	54LS26DM	6A
Flatpak (F)	A	7426FC, 74LS26FC	54LS26FM	3I

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

PINS	54/74 (U.L.) HIGH/LOW	54/74LS (U.L.) HIGH/LOW
Inputs	1.0/1.0	0.5/0.25
Outputs	OC**/10	OC**/5.0 (2.5)

DC AND AC CHARACTERISTICS: See Section 3*

SYMBOL	PARAMETER	54/74	54/74LS	UNITS	CONDITIONS	
		Min	Max			
I _{OH}	Output HIGH Current	50	50	μA	$V_{OH} = 12\text{ V}$	$V_{CC} = \text{Min}$ $V_{IN} = V_{IL}$
		1000	1000		$V_{OH} = 15\text{ V}$	
I _{CC}	Power Supply Current	8.0	1.6	mA	$V_{IN} = \text{Gnd}$	$V_{CC} = \text{Max}$
I _{CC} L		22	4.4		$V_{IN} = \text{Open}$	
t _{PLH} t _{PHL}	Propagation Delay	24 17	22 18	ns	Figs. 3-2, 3-4	

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