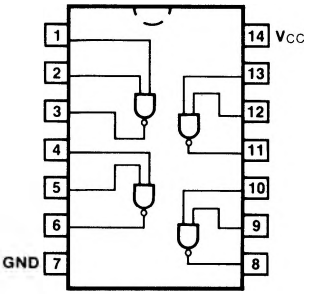
7426
54LS/74LS26

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

CONNECTION DIAGRAM
PINOUT A



ORDERING CODE: See Section 9

PKGS	PIN OUT	COMMERCIAL GRADE V_{CC} = +5.0 V ±5%, T_A = 0°C to +70°C	MILITARY GRADE V_{CC} = +5.0 V ±10%, T_A = -55°C to +125°C	PKG TYPE
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 Min	54/74 Max	54/74LS Min	54/74LS Max	UNITS	CONDITIONS	
I_{OH}	Output HIGH Current		50		50	μA	V_{OH} = 12 V	V_{CC} = Min
			1000		1000		V_{OH} = 15 V	V_{IN} = V_{IL}
I_{CCH}	Power Supply Current		8.0		1.6	mA	V_{IN} = Gnd	V_{CC} = Max
I_{CCL}			22		4.4		V_{IN} = Open	
t_{PLH}	Propagation Delay		24		22	ns	Figs. 3-2, 3-4	
t_{PHL}			17		18			

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