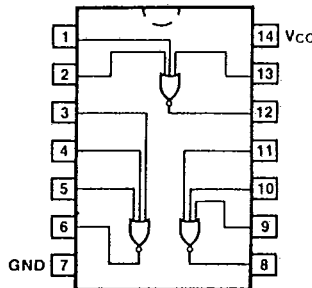


54/7427
54LS/74LS27
 TRIPLE 3-INPUT NOR GATE

CONNECTION DIAGRAM
 PINOUT A

ORDERING CODE: See Section 9

PKGS	PIN OUT	COMMERCIAL GRADE	MILITARY GRADE	PKG TYPE
		V _{CC} = +5.0 ±5%, T _A = 0°C to +70°C	V _{CC} = +5.0 V ±10%, T _A = -55°C to +125°C	
Plastic DIP (P)	A	7427PC, 74LS27PC		9A
Ceramic DIP (D)	A	7427DC, 74LS27DC	5427DM, 54LS27DM	6A
Flatpak (F)	A	7427FC, 74LS27FC	5427FM, 54LS27FM	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	20/10	10/5.0 (2.5)

DC AND AC CHARACTERISTICS: See Section 3*

SYMBOL	PARAMETER	54/74		54/74LS		UNITS	CONDITIONS	
		Min	Max	Min	Max		V _{IN} = Gnd	V _{CC} = Max
I _{CC} H	Power Supply Current	16		4.0		mA	V _{IN} = Gnd	V _{CC} = Max
I _{CC} L		26		6.8			V _{IN} = Open	
t _{PL} H	Propagation Delay	15		13		ns	Figs. 3-1, 3-4	
t _{PH} L		11		13				

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