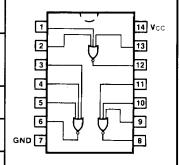


TRIPLE 3-INPUT NOR GATE

ORDERING CODE: See Section 9

	PIN	COMMERCIAL GRADE	MILITARY GRADE	PKG				
PKGS	ОПТ	$V_{CC} = +5.0 \pm 5\%,$ $T_A = 0^{\circ} C \text{ to } +70^{\circ} C$	$V_{CC} = +5.0 \text{ V} \pm 10\%,$ $T_A = -55^{\circ}\text{ C} \text{ to } +125^{\circ}\text{ C}$	TYPE				
Plastic DIP (P)	Α	7427PC, 74LS27PC		9A				
Ceramic DIP (D)	Α	7427DC, 74LS27DC	5427DM, 54LS27DM	6A				
Flatpak (F)	Α	7427FC, 74LS27FC	5427FM, 54LS27FM	31				



CONNECTION DIAGRAM
PINOUT A

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		
Ī		(2.5)		

DC AND AC CHARACTERISTICS: See Section 3*

SYMBOL	PARAMETER	54/74		54/74LS		UNITS	CONDITIONS	
	1 2112111100 1 0011	Min	Max	Min	Max	Civila	CONDITIONS	
Іссн	Power Supply Current		16		4.0	mA	V _{IN} = Gnd	V _{CC} = Max
ICCL			26		6.8		V _{IN} = Open	
tpLH tpHL	Propagation Delay		15 11		13 13	ns	Figs. 3-1, 3-4	

^{*}DC limits apply over operating temperature range; AC limits apply at TA = +25°C and VCC = +5.0 V.