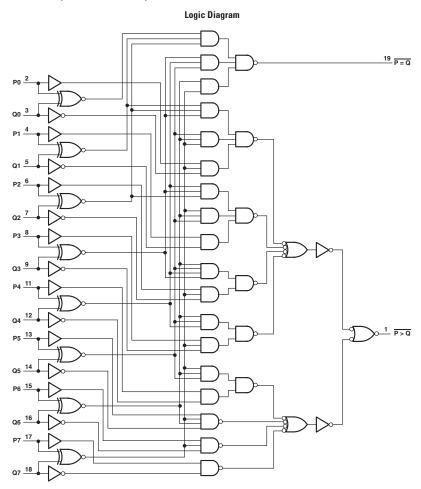
682

8-BIT MAGNITUDE COMPARATORS

- Totem-Pole Outputs
- Hysteresis at P and Q Inputs
- lacksquare 20k Ω Pullup Resistors on the Q Inputs



FUNCTION TABLE

DATA	OUTPUTS		
INPUT P, Q	P=Q	P>Q	
P=Q	L	Н	
P>Q	Н	L	
P <q< td=""><td>Н</td><td>н</td></q<>	Н	н	

ELECTRICAL CHARACTERISTICS AND RECOMMENDED OPERATING CONDITIONS

PARAMETER	MAX or MIN	LS	SN74 HC	UNIT
lcc	MAX	70	0.11	mΑ
Іон	MAX	-0.4	-4	mΑ
lor	MAX	24	4	mΑ

SWITCHING CHARACTERISTICS

SWITCHING CHARACTERISTICS								
INPUT	ОИТРИТ	MAX or MIN	LS	SN74 HC				
В	<u> </u>	MAY	25	69				
· ·	r=u	IVIAA	25	69				
0	P = Q	MAX	25	69				
u			25	69				
В	B . O	MAY	30	69				
· ·	r > u	IVIAA	30	69				
0	D. 0	MAN	30	69				
u	r>u	IVIAX	30	69				
		INPUT OUTPUT P $\overline{P} = \overline{\Omega}$ Q $\overline{P} = \overline{\Omega}$ P $\overline{P} > \overline{\Omega}$	INPUT OUTPUT MAX or MIN P P = Q MAX Q P = Q MAX P P > Q MAX	INPUT OUTPUT MAX or MIN LS LS				

UNIT: ns