

DATA SHEET

For a complete data sheet, please also download:

- The IC06 74HC/HCT/HCU/HCMOS Logic Family Specifications
- The IC06 74HC/HCT/HCU/HCMOS Logic Package Information
- The IC06 74HC/HCT/HCU/HCMOS Logic Package Outlines

74HC/HCT02 Quad 2-input NOR gate

Product specification
File under Integrated Circuits, IC06

December 1990



Quad 2-input NOR gate

74HC/HCT02

PIN DESCRIPTION

PIN NO.	SYMBOL	NAME AND FUNCTION
1, 4, 10, 13	1Y to 4Y	data outputs
2, 5, 8, 11	1A to 4A	data inputs
3, 6, 9, 12	1B to 4B	data inputs
7	GND	ground (0 V)
14	V _{CC}	positive supply voltage

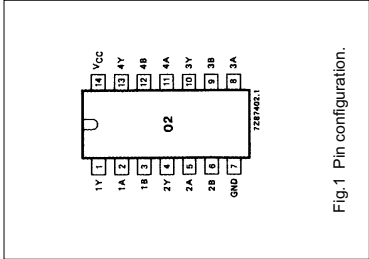


Fig. 1 Pin configuration.

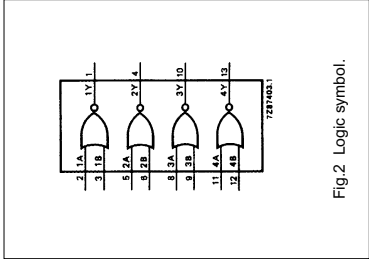


Fig. 2 Logic symbol.

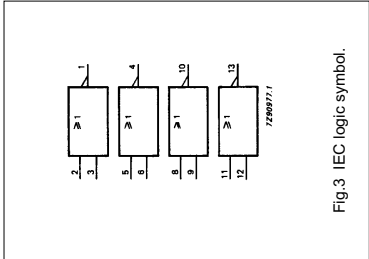


Fig. 3 IEC logic symbol.

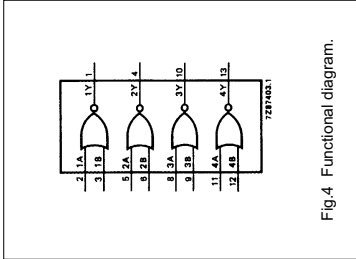


Fig. 4 Functional diagram.

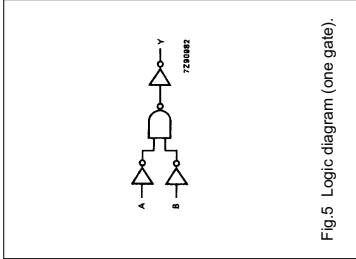


Fig. 5 Logic diagram (one gate).

FUNCTION TABLE	
INPUTS	OUTPUT
nA	nB
L	L
L	H
H	L
H	L

Notes

1. H = HIGH voltage level
L = LOW voltage level