

NOR**PURPOSE**

Draws a NOR gate (a logical device used in electronic circuit diagrams).

DESCRIPTION

The 2 pairs of coordinates define the (x,y) values for the middle back and the middle front (respectively) of the Nor Gate.

SYNTAX

NOR <x1> <y1> <x2> <y2>

where <x1> is a number or parameter in the decimal range 0 to 100 that specifies the x coordinate for the middle back of the NOR gate;

<y1> is a number or parameter in the decimal range 0 to 100 that specifies the y coordinate for the middle back of the NOR gate;

<x2> is a number or parameter in the decimal range 0 to 100 that specifies the x coordinate for the middle front of the NOR gate;

and <y2> is a number or parameter in the decimal range 0 to 100 that specifies the y coordinate for the middle front of the NOR gate.

EXAMPLES

NOR 50 50 60 50

NOR 50 50 60 60

NOR X1 20 X2 20

NOTE

The line style (i.e., SOLID, DASH), line color, and line thickness of the NOR gate are controlled by the first entry of the LINE, LINE COLOR, and LINE THICKNESS commands respectively.

DEFAULT

None

SYNONYMS

None

RELATED COMMANDS

AND	=	Draws an AND gate.
OR	=	Draws an OR gate.
NAND	=	Draws a NAND gate.
MOVE	=	Moves to a point.
DRAW	=	Draws a line.
LINE	=	Sets the line type for figures and plot lines.
LINE THICKNESS	=	Sets the line thickness for figures and plot lines.
LINE COLOR	=	Sets the line colors for figures and plot lines.
CROSS-HAIR	=	Activates and reads the cross-hair.
TEXT	=	Writes a text string.

APPLICATIONS

Electronic circuit diagrams

IMPLEMENTATION DATE

Pre-1987

PROGRAM

```
LINE SOLID  
LINE COLOR BLACK  
LINE THICKNESS 0.2  
NOR 20 20 60 60  
MOVE 20 70  
TEXT NOR COORDINATES (20,20), (60,60)
```

