

Quadruple bilateral switches

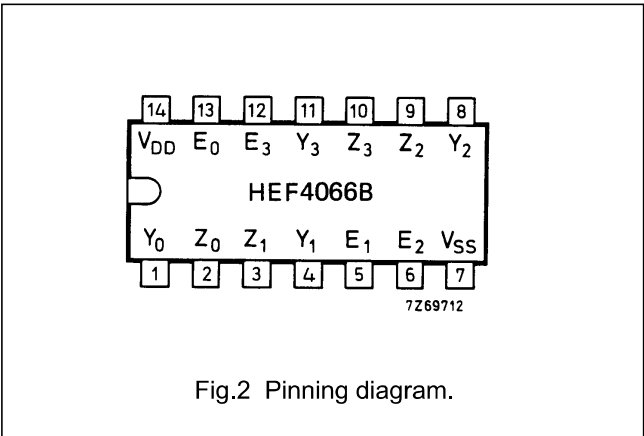
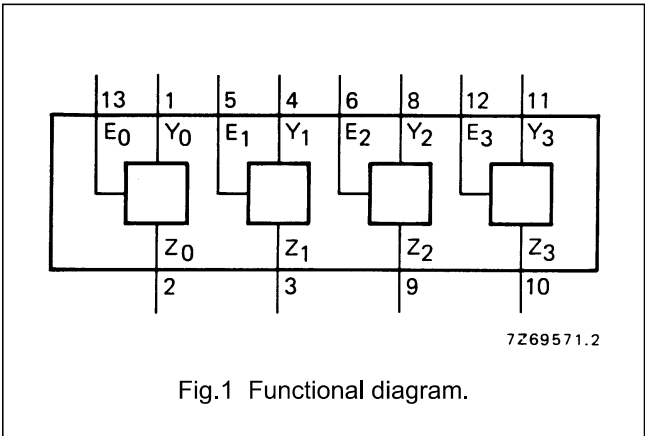
HEF4066B
gates

DESCRIPTION

The HEF4066B has four independent bilateral analogue switches (transmission gates). Each switch has two input/output terminals (Y/Z) and an active HIGH enable input (E). When E is connected to V_{DD} a low impedance bidirectional path between Y and Z is established (ON condition). When E is connected to V_{SS} the switch is

disabled and a high impedance between Y and Z is established (OFF condition).

The HEF4066B is pin compatible with the HEF4016B but exhibits a much lower ON resistance. In addition the ON resistance is relatively constant over the full input signal range.



- HEF4066BP(N): 14-lead DIL; plastic (SOT27-1)
- HEF4066BD(F): 14-lead DIL; ceramic (cerdip) (SOT73))
- HEF4066BT(D): 14-lead SO; plastic (SOT108-1)
- (): Package Designator North America

PINNING

- E_0 to E_3 enable inputs
- Y_0 to Y_3 input/output terminals
- Z_0 to Z_3 input/output terminals

APPLICATION INFORMATION

- An example of application for the HEF4066B is:
- Analogue and digital switching

