REFERENCE du COMPOSANT

FAIRCHILD SEMICONDUCTOR™

fabricant du composant

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3 PORTES NAND à 3 ENTREES

CD4023BC

Buffered Triple 3-Input NAND Gate

TAMPON

General Description

DESCRIPTION

These triple gates are monolithic complementary MOS (CMOS) integrated circuits constructed with N- and P-channel enhancement mode transistors. They have equal source and sink current capabilities and conform to standard B series output drive. The devices also have buffered outputs which improve transfer characteristics by providing very high gain. All inputs are protected against static discharge with diodes to V_{DD} and V_{SS}.

3 portes

Features

CARACTERISTIQUES

- Wide supply voltage range: 3.0V to 15V
- High noise immunity: 0.45 V_{DD} (typ)
- Low power TTL compatibility: fan out of 2 driving 74L or 1 driving 74LS
- 5V–10V–15V parametric ratings
- Symmetrical output characteristics
- Maximum input leakage 1 µA at 15V over full temperature range

TENSION d'ALIMENTATION de +3V à +15V

Ordering Code:

NUMERO DU BOITIER UTILISÉ

Description des BOITIERS

Order Number	Package Number	Package Description
CD4023BCM	M14A	14-Lead Small Outline Integrated Circuit (SOIC), JEDEC MS-120, 0.150 Narrow
CD4023BCS	M14D	14-Lead Small Outline Package (SOP), EIAJ TYPE II, 5.3mm Wide
CD4023BCN	N14A	14-Lead Plastic Dual-In-Line Package (PDIP), JEDEC MS-001, 0.300 Wide

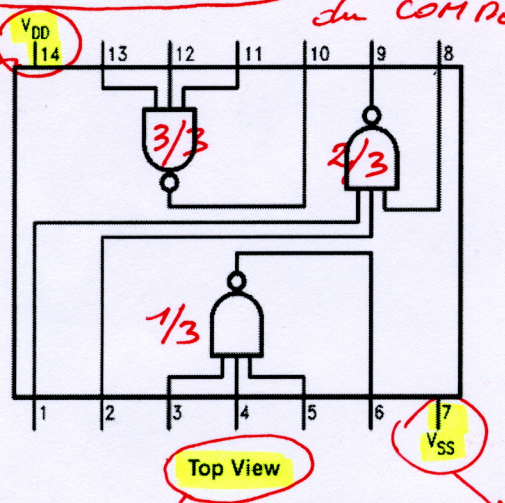
Devices also available in Tape and Reel. Specify by appending the suffix letter "X" tot he ordering code.

Connection Diagram

BROCHAGE du COMPOSANT

Block Diagram

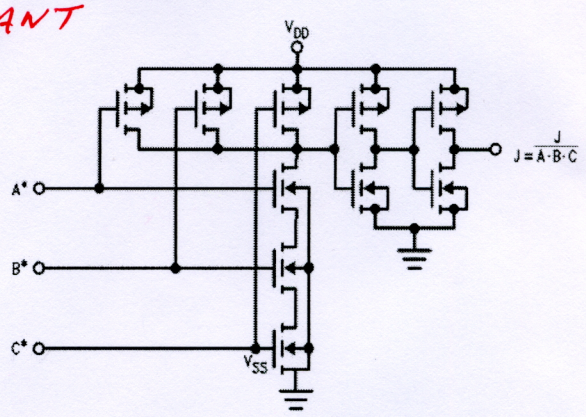
Alimentation (3V à +15V)



Top View

Vue de DESSUS

masse (0V)



1/3 Device Shown

*All Inputs Protected by Standard CMOS Input Protection Circuit.

A RETENIR : TRIPLE - INPUT - GATE - NAND - FEATURES

NUMBER - PACKAGE - TOP - VIEW - SUPPLY - RANGE

WIDE - CONNECTION DIAGRAM - DEVICE - BUFFER