

MC14051BDR2G

Data Sheet

ANALOG MUX/DMUX, 8 X 1, Multiplexer Configuration:8:1, No. of Circuits:1, On State Resistance Max:1.05kohm, Supply Voltage Range:3V-18V, Operating Temperature Min:-55 C , RoHS Compliant: Yes

Manufacturers ON Semiconductor, LLC

Package/Case SOIC-16

Product Type Interface ICs

RoHS Rohs

Lifecycle



Images are for reference only

Please submit RFQ for MC14051BDR2G or <u>Emailto:sales@ovaga.com</u> We will contact you in 12 hours.

<u>RFQ</u>

General Description

The MC14051B, MC14052B, and MC14053B analog multiplexers are digitally-controlled analog switches. The MC14051B effectively implements an SP8T solid state switch, the MC14052B a DP4T, and the MC14053B a Triple SPDT. All three devices feature low ON impedance and very low OFF leakage current. Control of analog signals up to the complete supply voltage range can be achieved.

Features Application

Triple Diode Protection on Control Inputs

ONSEMI

Switch Function is Break Before Make

Supply Voltage>

Analog Voltage Range (VDD ->

Linearized Transfer Characteristics

Low-noise - 12 nV/sqrt.Cycle,>

Pin-for-Pin Replacement for CD4051, CD4052, and CD4053

For 4PDT Switch, See MC14551B

For Lower RON, Use the HC4051, HC4052, or HC4053 High-Speed CMOS Devices

Pb-Free Packages are Available*





Related Products



MC10EP89DTR2G

ON Semiconductor, LLC TSSOP-8



MC74HC4051ADWR2G

ON Semiconductor, LLC SOIC-16



MC74HC4052ADG

ON Semiconductor, LLC SOIC-16



MC14052BDTR2G

ON Semiconductor, LLC TSSOP-16



MC74LVX4051MNTWG

ON Semiconductor, LLC





MC74HC4051ADR2G

ON Semiconductor, LLC

SOIC-16



MC14067BDWR2G

ON Semiconductor, LLC SOIC-24



MC14052BDR2G

ON Semiconductor, LLC

SOIC-16