

Analog Multiplexer / Demultiplexer, 4:1, 2 Circuits, 1.05 kohm, 3V to 18V, SOIC-16

Manufacturers	ON Semiconductor, LLC
Package/Case	SOIC-16
Product Type	Interface ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MC14052BDR2G or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

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

Triple Diode Protection on Control Inputs

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*

Application

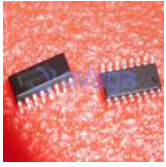
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Related Products



[MC14051BDR2G](#)

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SOIC-16



[MC74HC4052ADG](#)

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[MC14052BDTR2G](#)

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TSSOP-16



[MC74HC4051ADR2G](#)

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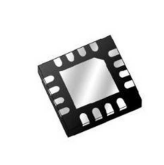
[MC10EP89DTR2G](#)

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[MC74HC4051ADWR2G](#)

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