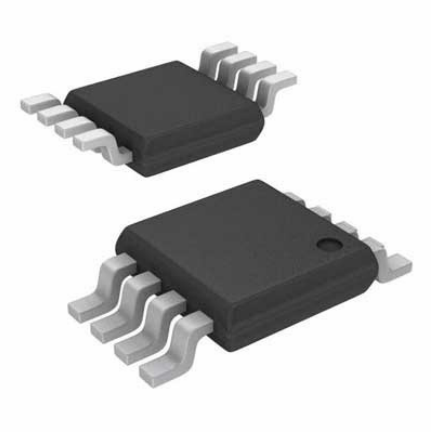
ADG919BRMZ

RF Switch SPDT 0MHz to 4GHz 34dB 8-Pin MSOP Tube

Manufacturer:	Analog Devices, Inc
Package/Case:	MSOP8
Product Type:	Switches
RoHS:	RoHS Compliant/Lead free
Lifecycle:	Active



Images are for reference only

Inquiry

General Description

The ADG918/ADG919 are wideband switches using a CMOSprocess to provide high isolation and low insertion loss to1 GHz. The ADG918 is an absorptive (matched) switch having50 Ω terminated shunt legs, whereas the ADG919 is a reflectiveswitch. These devices are designed such that the isolation ishigh over the dc to 1 GHz frequency range. They have on-boardCMOS control logic, thus eliminating the need for externalcontrolling circuitry. The control inputs are both CMOS andLVTTL compatible. The low power consumption of theseCMOS devices makes them ideally suited to wireless andgeneral-purpose high frequency switching applications.

Product Highlights
−43 dB off isolation at 1 GHz.
0.8 dB insertion loss at 1 GHz.
Tiny 8-lead MSOP/LFCSP.

Key Features

Wideband of -3dB at 4GHz

Absorptive/reflective

High off isolation

Low insertion loss

CMOS/LVTTL Control logic

<1μA Low power consumption

Application

Wireless communications

General-purpose RF switching

Dual-band applications

High speed filter selection

Digital transceiver front end switch

IF switching

Tuner modules

Antenna diversity switching

Recommended For You

ADF4153BCPZ

Analog Devices, Inc

QFN

ADF5355BCPZ

Analog Devices, Inc

LFCSP32

AD8318ACPZ

Analog Devices, Inc

LFCSP

AD6620ASZ

Analog Devices, Inc

QFP

ADF4107BCPZ

Analog Devices, Inc

QFN

ADL5513ACPZ-R7

Analog Devices, Inc

LFCSP-16

AD8319ACPZ

Analog Devices, Inc

LFCSP

ADRF6755ACPZ

Analog Devices, Inc

QFN

ADL5535ARKZ-R7

Analog Devices, Inc

SOT89

AD608AR

Analog Devices, Inc

SOP16

ADF4107BRUZ-REEL7

Analog Devices, Inc

TSSOP16

ADRF6780ACPZN

Analog Devices, Inc

QFN

AD8317ACPZ

Analog Devices, Inc

LFCSP

AD608ARZ

Analog Devices, Inc

SOP16

AD8318ACPZ-REEL7

Analog Devices, Inc

LFCSP