

* All switches off with power supply off * Analog output of on channel clamped within power supplies if an overvoltage occurs * Latch-up proof construction * Low on resistance (270Ω typical) * Fast switching times * tON: 230ns maximum * tOFF: 130ns maximum * Low power dissipation (3.3mW maximum) * Fault and overvoltage protection (-40V to +55V) * Break-before-make construction * TTL and CMOS compatible inputs



Images are for reference only

Manufacturers	<u>Analog Devices, Inc</u>
Package/Case	SOP-16
Product Type	Interface ICs
RoHS	Rohs
Lifecycle	

Please submit RFQ for ADG509FBRNZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

ADG509FBRNZ is a specific part number for an Analog Devices IC (integrated circuit) known as a multiplexer. It is a high-performance, low-voltage, 8-channel analog multiplexer that can switch one of eight inputs to a common output. Here are some of its key features:

Features

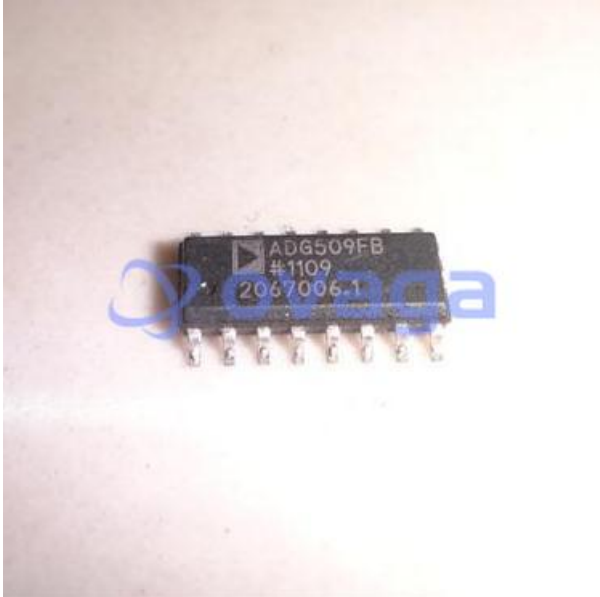
Low on-resistance: typically less than 5 ohms

Wide input voltage range: ±12V

Rail-to-rail operation

Low power consumption: typically less than 1mW

Fast switching time: less than 250ns



Related Products



[ADV7181CBSTZ](#)

Analog Devices, Inc
LQFP-64



[AD8170AR](#)

Analog Devices, Inc
SOP8



[AD724JR](#)

Analog Devices, Inc
SOIC-16



[ADV7393BCPZ](#)

Analog Devices, Inc
LFCSP-VQ-40



[ADV7391WBCPZ](#)

Analog Devices, Inc
LFSCP-3



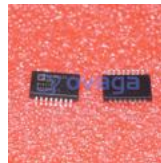
[ADV7390BCPZ](#)

Analog Devices, Inc
QFN32



[ADV7341BSTZ](#)

Analog Devices, Inc
LQFP-64



[ADUM4160BRIZ](#)

Analog Devices, Inc
SOIC-16