

Multiplexer Switch ICs 310MHz 25mA Triple 2:1 Buffered

Manufacturers	Analog Devices, Inc
Package/Case	TSSOP-24
Product Type	Video Amplifiers & Analog Video Functions ; Buffered Analog Multiplexers
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for AD8185ARUZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The AD8183 = +2) are high speed Triple 2-to-1 multiplexers. They offer -3 dB full signal bandwidth up to 360 MHz along with slew rate in excess of 1000 V/ μ s. With better than -72 dB of all hostile crosstalk and 100 dB of isolation, they are useful in many high speed applications. The differential gain and differential phase error of 0.01% and 0.02°, along with 0.1 dB flatness to 90 MHz make AD8183 and AD8185 ideal for professional video and LCD multiplexing. They offer 15 ns switching time making them an excellent choice for switching video signals, while consuming less than 25 mA on \pm 5 V supply voltage.

Features

Fully Buffered Inputs and Outputs

Fast Channel-to-Channel Switching: 15 ns

High Speed 380 MHz Bandwidth (-3 dB) 200 mV p-p 310 MHz Bandwidth (-3 dB) 2 V p-p 1000 V/ μ s Slew Rate = +2, 2 V Step Fast Settling Time of 15 ns to 0.1%

Low Power: 25 mA

Excellent Video Specifications >

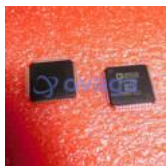
Low All-Hostile Crosstalk: 84 dB @ 5 MHz 54 dB @ 50 MHz

Low Channel-to-Channel Crosstalk 56 dB at 100 MHz

High "OFF" Isolation of -100 dB @ 10 MHz

Low Cost

Related Products



[ADV7181CBSTZ](#)

Analog Devices, Inc
LQFP-64



[AD724JR](#)

Analog Devices, Inc
SOIC-16



[ADV7391WBCPZ](#)

Analog Devices, Inc
LFSCP-3



[ADV7341BSTZ](#)

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LQFP-64



[AD8170AR](#)

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[ADV7393BCPZ](#)

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LFCSP-VQ-40



[ADV7390BCPZ](#)

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QFN32



[ADUM4160BRIZ](#)

Analog Devices, Inc
SOIC-16