

ISL59446IRZ Pb-Free 500MHz Triple, Multiplexing Amplifiers HT SUS4
 CODE:8542330000

Manufacturers	Renesas Technology Corp
Package/Case	QFN-32
Product Type	Amplifier ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for ISL59446IRZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

ISL59446IRZ is a precision video amplifier manufactured by Renesas Electronics. It is a single-ended input to differential output amplifier designed for video applications that require high bandwidth, low noise, and low distortion.

Features

Wide bandwidth: 700 MHz at ± 2

Low noise: 4.5nV/ $\sqrt{\text{Hz}}$ at 1kHz

Low distortion: -70 dBc @ 5 MHz

High slew rate: 2300V/ μs

Input common-mode range includes ground

Small signal bandwidth flatness: 0.1dB to 75MHz

Adjustable gain: 0dB to +6dB

Application

Video distribution amplifiers

Professional video equipment

RGB amplifiers

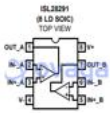
Medical imaging equipment

Test equipment





Related Products



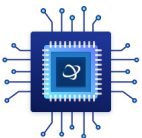
[ISL28291FBZ](#)

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[ISL59837IAZ-T7](#)

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ISL59837IAZ PB-FREE TRUE SINGLE SUPPLY VIDEO DRIVE



[ISL28118MUZ-T13](#)

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[ISL28006FH100Z-T7](#)

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SOT-23



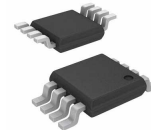
[ISL28110FBZ](#)

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