

## 2:1 HDMI/DVI Switch with Equalization

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	LFCSP-56
Product Type	Switch ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for AD8190ACPZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

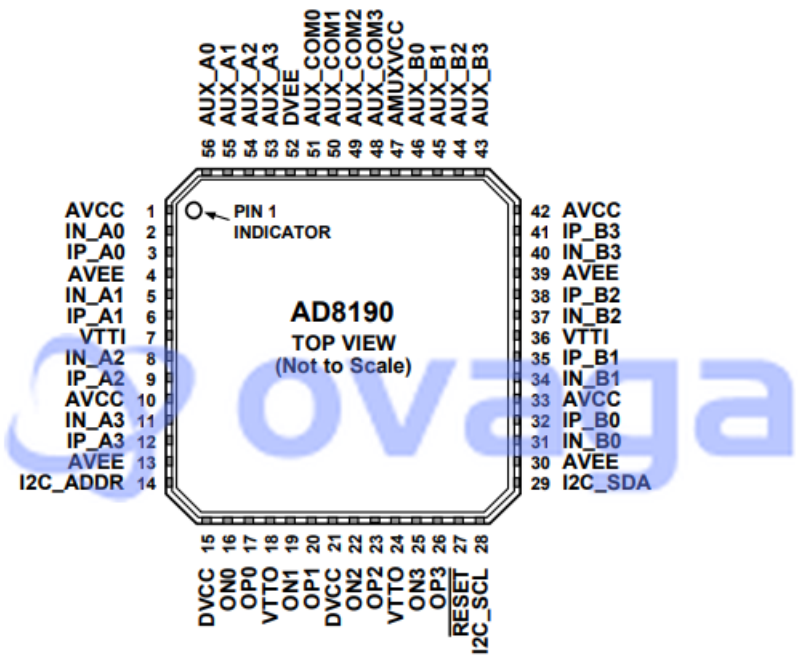
AD8190ACPZ is a high-speed HDMI/DVI switch from Analog Devices, which allows users to switch between four HDMI/DVI input signals and display them on a single output device, such as a monitor or TV.

### Features

- Supports HDMI 1.3, DVI 1.0, and HDCP 1.1/1.2
- Fast switching time of 250 ns
- Automatic input equalization and signal amplification
- Single 3.3V power supply
- Low power consumption (360 mW typical)
- Small package size (48-lead LFCSP)

### Application

- High-definition multimedia systems, such as TVs and projectors
- Video conferencing systems
- Digital signage and advertising displays
- Medical imaging systems
- Surveillance and security systems



**NOTES**

1. THE AD8190 LFCSP HAS AN EXPOSED PADDLE (ePAD) ON THE UNDERSIDE OF THE PACKAGE WHICH AIDS IN HEAT DISSIPATION. THE ePAD MUST BE ELECTRICALLY CONNECTED TO THE AVEE SUPPLY PLANE IN ORDER TO MEET THERMAL SPECIFICATIONS.

06122-003

Figure 3. Pin Configuration

**Related Products**



[AD7510DIKQ](#)

Analog Devices, Inc  
CDIP-16



[AD7512DIKQ](#)

Analog Devices, Inc  
CDIP-14



[AD8186ARUZ](#)

Analog Devices, Inc  
TSSOP-24



[ADG508ATQ](#)

Analog Devices, Inc  
DIP-16



[AD7510DIJNZ](#)

Analog Devices, Inc  
PDIP-16



[AD7512DITQ](#)

Analog Devices, Inc  
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[AD7510DIJN](#)

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PDIP-16



[AD7501SQ](#)

Analog Devices, Inc  
CDIP-16