

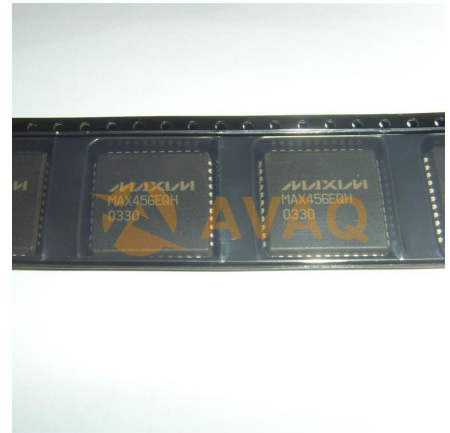
## Analog Video 35MHz 8 x 8 44-Pin PLCC

**Manufacturer:** [Analog Devices, Inc](#)

**Package/Case:** PLCC44

**Product Type:** Switches

**Lifecycle:** Obsolete



Images are for reference only

[Inquiry](#)

## General Description

The MAX456 is the first monolithic CMOS 8 x 8 video crosspoint switch that significantly reduces component count, board space, and cost. The crosspoint switch contains a digitally controlled matrix of 64 T-switches that connect eight video input signals to any, or all, output channels. Each matrix output connects to eight internal, high-speed (250V/ $\mu$ s), unity-gain-stable buffers capable of driving 400 $\Omega$  and 20pF to  $\pm$ 1.3V. For applications requiring increased drive capability, the MAX456 outputs can be connected directly to two MAX470 quad, gain-of-two video buffers, which are capable of driving 75 $\Omega$  loads.

### Applications

- Video Test Equipment
- Video Security Systems
- Video Editing



## Recommended For You

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### MAX3640UCM+T

Analog Devices, Inc

QFP

### MAX9392EHJ+

Analog Devices, Inc

TQFP-32

### MAX4570CWI+

Analog Devices, Inc

SOIC(W)

### MAX9152EUE-T

Analog Devices, Inc

TSSOP6

### MAX4550CWI-T

Analog Devices, Inc

BGA

### MAX4360EAX+T

Analog Devices, Inc

SSOP-36

### MAX3772CEE

Analog Devices, Inc

SSOP16

### MAX4570EAI+T

Analog Devices, Inc

SSOP

### MAX5865EIM

Analog Devices, Inc

QFN

### MAX4570CWI+T

Analog Devices, Inc

SMDSMT

### AD1803JRU

Analog Devices, Inc

TSSOP24

### AD1847JP

Analog Devices, Inc

PLCC

### AD8109ASTZ

Analog Devices, Inc

QFP

### AD8115ASTZ

Analog Devices, Inc

QFP

### AD1980JST-REEL

Analog Devices, Inc

QFP48