

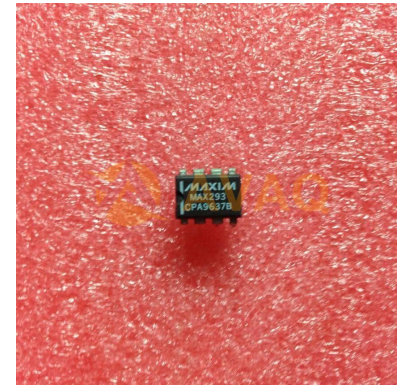
## Active Filter Single SW-CAP Low Pass 8th Order 25kHz 8-Pin PDIP N

**Manufacturer:** [Maxim Integrated](#)

**Package/Case:** DIP8

**Product Type:** Active Filter

**Lifecycle:** Obsolete



Images are for reference only

[Inquiry](#)

### General Description

MAX293CPA is a high-performance, monolithic, switched-capacitor filter IC (integrated circuit) designed by Maxim Integrated. It is a 5th-order, low-pass filter with a cutoff frequency range of 0.1Hz to 200kHz.

### Key Features

5th-order low-pass filter with Butterworth response

Cutoff frequency range of 0.1Hz to 200kHz

Operating voltage range of +4.5V to +16V

Low input noise of  $5\text{nV}/\sqrt{\text{Hz}}$

Low power consumption of 3.5mA

Wide operating temperature range of  $-40^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$

Available in a 8-pin PDIP and SOIC package

### Application

Anti-aliasing filters for data acquisition systems

Audio filtering in music synthesizers and sound processors

Active filter networks for signal conditioning in instrumentation

Signal processing in communication systems



## Recommended For You

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### MAX291ESA+

Maxim Integrated

SOP-8

### MAX7400CSA+

Maxim Integrated

SOIC(N)

### MAX295EPA+

Maxim Integrated

PDIP8

### MAX7409EUA+

Maxim Integrated

MSOP8

### MAX7427CUA

Maxim Integrated

MSOP8

### MAX7400ESA+

Maxim Integrated

SOP-8

### MAX274ACNG+

Maxim Integrated

DIP24

### MAX293CPA+

Maxim Integrated

DIP8

### MAX7410EUA+

Maxim Integrated

MSOP8

### MAX280CPA+

Maxim Integrated

DIP-8

### MAX274AENG+

Maxim Integrated

DIP

### MAX274AEWI+

Maxim Integrated

SOP28

### MAX267BCNG+

Maxim Integrated

Correctoriginal

### MAX296ESA

Maxim Integrated

SOP-8

### MAX7415CUA+

Maxim Integrated

SMDSMT