

## Integrated IF VCOs with Differential Output 6-Pin SOT-23

<b>Manufacturer:</b>	<a href="#">Maxim Integrated</a>
<b>Package/Case:</b>	SOT23-6
<b>Product Type:</b>	RF Integrated Circuits
<b>Lifecycle:</b>	Obsolete



Images are for reference only

[Inquiry](#)

## General Description

The MAX260/MAX261/MAX262 CMOS dual second-order universal switched-capacitor active filters allow microprocessor control of precise filter functions. No external components are required for a variety of bandpass, lowpass, highpass, notch, and allpass configurations. Each device contains two second-order filter sections that place center frequency, Q, and filter operating mode under programmed control. An input clock, along with a 6-bit  $f_0$  program input, determine the filter's center or corner frequency without affecting other filter parameters. The filter Q is also programmed independently. Separate clock inputs for each filter section operate with either a crystal, RC network, or external clock generator. The MAX260 has offset and DC specifications superior to the MAX261 and MAX262 and a center frequency ( $f_0$ ) range of 7.5kHz. The MAX261 handles center frequencies to 57kHz, while the MAX262 extends the center frequency range to 140kHz by employing lower clock-to- $f_0$  ratios. All devices are available in 24-pin DIP and small outline packages in commercial, extended, and military temperature ranges.

## Application

$\mu$ P-Tuned Filters

Adaptive Filters

Anti-Aliasing Filters

Digital Signal Processing (DSP)

Phase-Locked Loops (PLLs)

Signal Analysis



## Recommended For You

---

### MAX2620EUA+

Maxim Integrated

MSOP8

### MAX5426AEUD+

Maxim Integrated

TSSOP-14

### MAX2605EUT

Maxim Integrated

SOT23-6

### MAX2620EUA+T

Maxim Integrated

MSOP-8

### MAX5426CEUD+

Maxim Integrated

TSSOP14

### MAX5426BEUD+

Maxim Integrated

TSSOP-14