

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

Tape



Images are for reference only

[Inquiry](#)

Manufacturer: [Maxim Integrated](#)

Package/Case: SOT23-6

Product Type: RF Integrated Circuits

Lifecycle: Obsolete

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

μP-Tuned Filters

Adaptive Filters

Anti-Aliasing Filters

Digital Signal Processing (DSP)

Phase-Locked Loops (PLLs)

Signal Analysis



Recommended For You

MAX2309EGI

Maxim Integrated

QFN

MAX2021ETX

Maxim Integrated

QFN

MAX2150EII

Maxim Integrated

QFN

MAX2608EUT

Maxim Integrated

SOT23-6

MAX2829EIN+

Maxim Integrated

QFN56

MAX2015EUA+

Maxim Integrated

MSOP8

MAX2051ETP+

Maxim Integrated

QFN-52

MAX41461GUB+

Maxim Integrated

MSOP10

MAX2769EII+T

Maxim Integrated

QFN28

MAX4003EUA+T

Maxim Integrated

MSOP8

MAX1473EUI

Maxim Integrated

TSSOP28

MAX2674EWT+T

Maxim Integrated

6WLP

MAX4003EUA+

Maxim Integrated

MSOP8

MAX2659ELT+T

Maxim Integrated

UDFN-6

MAX2769EII+

Maxim Integrated

28TQFN