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11/2/2010
Exar Corporation Participates at Ethernet Expo Americas 2010

Fremont, California, November 2, 2010 Exar Corporation (Nasdaq EXAR), today announced its participat
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XR2206
Monolithic Function Generator

Features

Discontinued. Not recommended for New Designs.

- Low-Sine Wave Distortion, 0.5%, Typical
- Excellent Temperature Stability, 20ppm/°C, Typical
- Wide Sweep Range, 2000:1, Typical
- Low-Supply Sensitivity, 0.01%V, Typical
- Linear Amplitude Modulation
- TTL Compatible FSK Controls
- Wide Supply Range, 10V to 26V
- Adjustable Duty Cycle, 1% TO 99%
- Pb-Free, RoHS Compliant Versions Offered

Applications

- Waveform Generation
- Sweep Generation
- AM/FM Generation
- V/F Conversion
- FSK Generation
- Phase-Locked Loops (VCO)

Description

The XR2206 is a monolithic function generator integrated circuit capable of producing high quality sine, square, triangle, ramp, and pulse waveforms of high-stability and accuracy. The output waveforms can be both amplitude and frequency modulated by an external voltage. Frequency of operation can be selected externally over a range of 0.01Hz to more than 1MHz.

The circuit is ideally suited for communications, instrumentation, and function generator applications requiring sinusoidal tone, AM, FM, or FSK generation. It has a typical drift specification of 20ppm/°C. The oscillator frequency can be linearly swept over a 2000:1 frequency range with an external control voltage, while maintaining low distortion.

Part Number	Buy Now	Order Samples
XR2206DTR-F		
XR2206D-F		
XR2206CP-F		

► Specifications

Sweep Range	2000:1
Sup Volt	10V to 26V
Pkgs	PDIP-16, SOIC-16

► Documents

■ Manuals

- [Evaluation System User Manual](#)
- [Version 1.0.0](#)
- [November 1994](#)
- [145.30 KB](#)