

Ic osc program i2c intrfc 8-msop

Manufacturers	Analog Devices, Inc
Package/Case	MSOP-8
Product Type	Clock & Timer ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LTC6904CMS8 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

LTC6904CMS8 is a specific integrated circuit (IC) manufactured by Linear Technology (now part of Analog Devices) that is designed to generate precise frequencies. It is a programmable oscillator that can generate frequencies between 1 kHz and 68 MHz with a typical frequency accuracy of $\pm 0.5\%$.

Features

Wide frequency range: can generate frequencies between 1 kHz and 68 MHz

High accuracy: typical frequency accuracy of $\pm 0.5\%$

Low power consumption: typically consumes 2.5 mA of current at 3.3V

Small form factor: housed in an MSOP-8 package, making it ideal for use in space-constrained designs

Easy to program: frequency is programmed using a single resistor.

Application

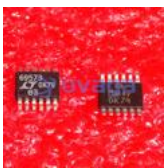
Clock generation: it can be used to generate precise clock signals for microcontrollers, FPGAs, and other digital circuits.

Signal generation: it can be used to generate a wide range of signal frequencies for use in audio, video, and other analog applications.

Test and measurement equipment: it can be used in test and measurement equipment to generate precise reference frequencies.



Related Products



[LTC6957HMS-3#PBF](#)

Analog Devices, Inc
MSOP-12



[LTC1799CS5#TRMPBF](#)

Analog Devices, Inc
TSOT23



[LTC1799CS5#TRPBF](#)

Analog Devices, Inc
SMD5



[LTC6906CS6](#)

Analog Devices, Inc
SOT-23



[LTC6994IS6-2#TRMPBF](#)

Analog Devices, Inc
SOT-6



[LTC6902IMS#PBF](#)

Analog Devices, Inc
MSOP10



[LTC6906CS6#TRMPBF](#)

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SOT23



[LTC1799IS5](#)

Analog Devices, Inc
SOT23-5