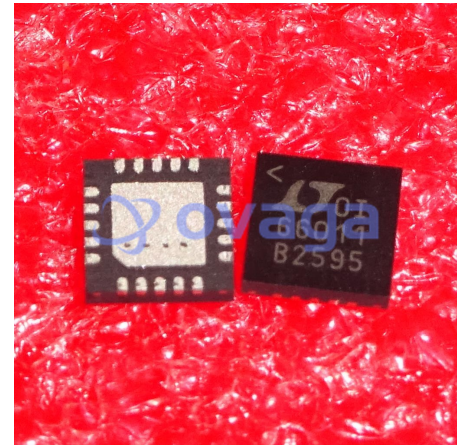


FHN Series 5A Manual Cap Panel Mount Fuse Holder

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	QFN-20
Product Type	Interface - Filters - Active
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for LTC6601CUF-1#PBF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The LTC6601-1 is a very easy-to-use fully differential 2nd order active RC filter and driver. On-chip resistors, capacitors, and amplifier bandwidth are trimmed to provide consistent and repeatable filter characteristics.

The filter characteristics are pin-strap configurable. Cutoff frequencies range from 5MHz to 28MHz. Gain is pin-strap programmable between –17dB and +17dB.

A three-state BIAS pin is provided to adjust amplifier power consumption. Select between high performance, low power (50% power reduction), and standby modes with the BIAS pin.

The LTC6601-1 is available in a compact 4mm × 4mm 16-pin leadless QFN package.

## Features

Pin Configurable Gain and Filter Response Up to 28MHz

Few External Components Required

Resistors Trimmed to 0.5% Typical

Capacitors Trimmed to 0.5% Typical

Very Low Noise: 80dB S/N in 100MHz Bandwidth

Very Low Distortion (2VP-P):

1MHz: -100dBc 2nd, -123dBc 3rd

10MHz: -72dBc 2nd, -103dBc 3rd

Adjustable Output Common Mode Voltage

Rail-to-Rail Output Swing

Power Configurability and Low Power Shutdown

Tiny 0.75mm 20-Lead (4mm × 4mm) QFN Package

## Application

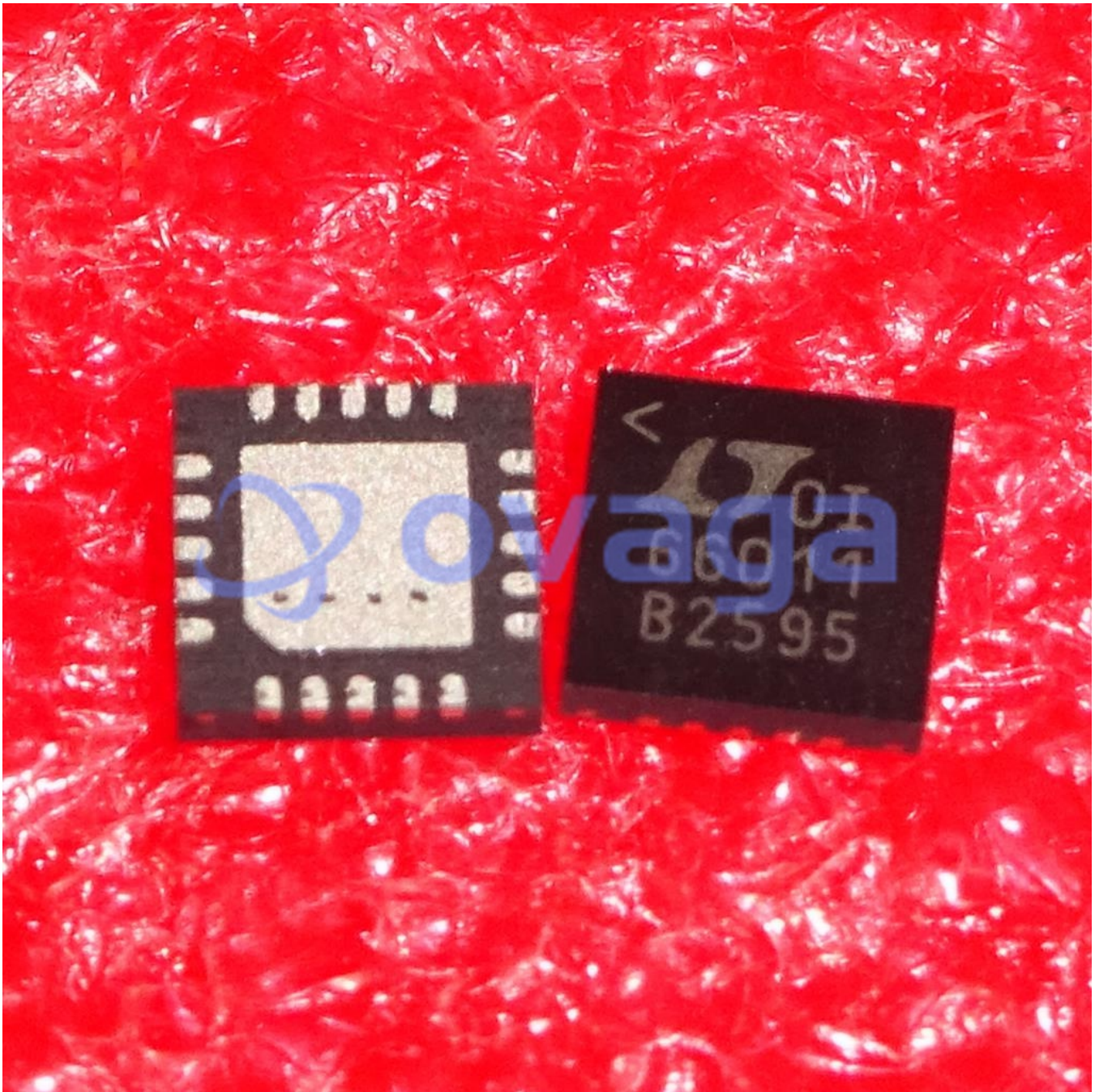
Differential Input A/D Converter Driver

Antialiasing/Reconstruction Filter

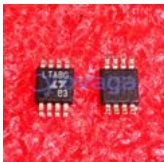
Single-Ended to Differential Conversion/Amplification

Low Voltage, Low Noise, Differential Signal Processing

Common Mode Voltage Translation



## Related Products



[LTC4300A-1IMS8#PBF](#)

Analog Devices, Inc  
MSOP8



[LTC2870IUFD#PBF](#)

Analog Devices, Inc  
28-QFN



[LTC2870IFE#PBF](#)

Analog Devices, Inc  
TSSOP28



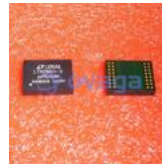
[LTC6820IMS#PBF](#)

Analog Devices, Inc  
MSOP16



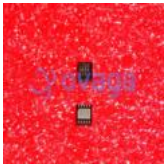
[LTC6820HMS#PBF](#)

Analog Devices, Inc  
MSOP-16



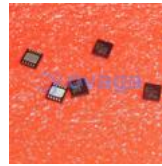
[LTM2881IV-3#PBF](#)

Analog Devices, Inc  
LGA32



[LTC2854HDD#PBF](#)

Analog Devices, Inc  
QFN-10



[LTC2852IDD#PBF](#)

Analog Devices, Inc  
DFN10