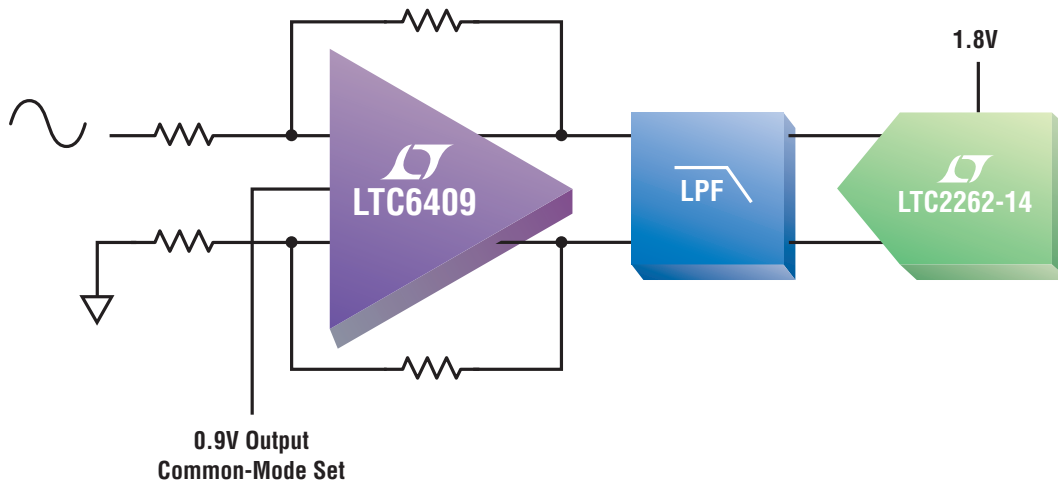


88dB SFDR @ 100MHz



Unleash Your High Speed ADC

With $1.1\text{nV}/\sqrt{\text{Hz}}$ input noise density and 88dB SFDR performance at 100MHz, the LTC[®]6409 enables your high speed ADC to achieve outstanding performance. Its input common mode range includes ground and its output common mode can be set as low as 0.5V, making the LTC6409 the perfect choice for driving AC- or DC-coupled signals into the latest 1.8V data converters. Fully specified over the -40°C to 125°C temperature range, and available in a tiny 3mm x 2mm QFN package, the LTC6409 combines excellent AC performance with flexibility, robustness and a minimal footprint.

▼ Features

- Unity Gain Stable
- $1.1\text{nV}/\sqrt{\text{Hz}}$ Input Noise Density
- 10GHz GBW @ 100MHz
- DC- or AC-Coupled Inputs
- 0.5V to 3.5V V_{OCM}
- -40°C to 125°C Fully Specified
- Tiny 3mm x 2mm QFN Package

Differential ADC Drivers

Part Number	80dBc HD2/HD3 (MHz)	Input Referred Noise ($\text{nV}/\sqrt{\text{Hz}}$)	Voltage Gain
LTC6409	110	1.1	R-set
LTC6406	30	1.6	R-set
LTC6404-1	15	1.5	R-set
LTC6400-20	120	1.9	20dB
LTC6416	90	1.8	0dB

▼ Info & Free Samples

www.linear.com/6409

1-800-4-LINEAR



www.linear.com/ampsflyer

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