

COS8552SR Datasheet - Zero-Drift Precision Dual Op-Amp

5μV Max Offset, 0.05μV/°C Drift, 1.5MHz Rail-to-Rail Dual Operational Amplifier

1. Product Overview

The COS8552SR is a dual zero-drift operational amplifier utilizing continuous self-zeroing chopper architecture to achieve ultra-low offset voltage (5μV max) and zero 1/f noise, making it ideal for low-side current sensing and precision strain gauge conditioning.

2. Specifications

Input Offset (Vos)	5 μV (max at 25°C)
Offset Drift	0.05 μV/°C (max)
Gain Bandwidth	1.5 MHz
Quiescent Current	35 μA per channel
Package	SOP-8 / MSOP-8