

Very Fast, 2.5 V to 5.5 V, Single-Supply TTL/CMOS Comparator

Manufacturers	Analog Devices, Inc
Package/Case	SC70
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for ADCMP601BKSZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

ADCMP601BKSZ is a precision comparator integrated circuit (IC) produced by Analog Devices Inc. It is a single comparator with an open-drain output, designed for high-speed operation and low-power consumption.

Features

- Wide supply voltage range of 2.25 V to 5.5 V
- Low propagation delay of 7 ns
- Low power consumption of 5.5 μ A (typical)
- Input offset voltage of 1 mV (maximum)
- Rail-to-rail input voltage range
- Open-drain output configuration with a sink current capability of 20 mA

Application

- High-speed signal detection
- Overvoltage and undervoltage monitoring
- Window comparators
- Battery voltage monitoring
- Threshold detection in power management systems
- General-purpose voltage level detection





Related Products



[ADUM1300](#)

Analog Devices, Inc



[ADG5409BCPZ](#)

Analog Devices, Inc
LFCSP-16



[ADR391AUJZ](#)

Analog Devices, Inc
SOT23-5



[ADM7171ACPZ](#)

Analog Devices, Inc
LFCSP8



[ADL5310ACPZ](#)

Analog Devices, Inc
LFCSP-24



[ADG3308BCPZ](#)

Analog Devices, Inc
20LFCS



[ADCMP600BKSZ](#)

Analog Devices, Inc
SC-70-5



[ADG1409YCPZ](#)

Analog Devices, Inc
17