

Precision, Very Low Noise, Low Input Bias Current Operational Amp...

Manufacturers	Analog Devices, Inc
Package/Case	SOIC-8
Product Type	Amplifier ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for AD8671ARZ-REEL or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The AD8671/AD8672/AD8674's combination of ultralow noise, high precision, speed, and stability is unmatched. The MSOP version of the AD8671/AD8672 requires only half the board space of comparable amplifiers.

Applications for these amplifiers include high quality PLL filters, precision filters, medical and analytical instrumentation, precision power supply controls, ATE, data acquisition, and precision controls as well as professional quality audio.

The AD8671/AD8672 are specified over the extended industrial temperature range (-40°C to +125°C), and the AD8674 is specified over the industrial temperature range (-40°C to +85°C).

The AD8671/AD8672 are available in the 8-lead SOIC and 8-lead MSOP packages. The AD8674 is available in 14-lead SOIC and 14-lead TSSOP packages.

Surface-mount devices in MSOP packages are available in tape and reel only.

APPLICATIONS

PLL filters

Filters for GPS

Instrumentation

Sensors and controls

Professional quality audio

Features

Very low noise: 2.8 nV/ $\sqrt{\text{Hz}}$, 77 nV p-p

Wide Bandwidth: 10MHz

Low Input Bias Current: 12 nA max

Low Offset Voltage: 75 μV max

High open loop gain: 120 dB min

Low supply current: 3 mA typ per amplifier

Dual supply operation: $\pm 5\text{V}$ to $\pm 15\text{V}$

Unity Gain Stable

No Phase Reversal

Application

PLL filters

Filters for GPS

Instrumentation

Sensors and controls

Professional quality audio

UC: 2210 GW0800 GW1399
R1456505 RE02

QATEST DATE: 0103

COUNTRY OF ASSEMBLY: MALAYSIA
COUNTRY OF DIFFUSION: IRELAND
(Q) QTY: 10000
(9D) DATE CODE: 2210
(1T) LOT NUMBER: 5712978.1
(1P) MFG NO: ADG849YKSZ-REEL

MSL 1
PPDT=260°C

11140-U102000157-2210-2022
ADG849YKSZ-REEL
10000

AG

(3S) PKG ID: ADI + 8004494390	Ship To: 000203215
(Q) QTY: 10000	ARROW ASIA PAC LTD. WHSE UNIT 5015E - 5020E, 8CONTAINERS 5F, CNTR B, ATL L KWAI-CHUNG CONTAINER TERM 000000 HONG KONG
(1T) LOT ID: 5712978.1	Telephone: 852-2484-2694 Customer Contact: 2209692/
(9D) DATE CODE: 2210	
(1P) MFG PN: ADG849YKSZ-REEL	
(K) CUST PO: 11006006660	
(P) CUST PROD ID: QINGDAO ARK ELECT/QING	(4L) Origin: MY Package Count 1 of 1

Ship Via: SF / AIR FREIGHT SPEC INST
Package Weight LBS: 1.455
Package Weight KGS: 0.660
Order Type: TA Payment Terms: N30
Incoterms: EXW

IF UNDELIVERED, RETURN TO:
ANALOG DEVICES C/O OMNI ALL IN (S)
NO. 3 CHANGI NORTH ST. 2
#03-02
498827
SINGAPORE

BOX ID: ADI14025467

Enclosed products may have been assembled in one of the following: Philippines, Hong Kong, South Korea, Singapore, Indonesia, Malaysia, Taiwan, Ireland, Thailand.

Related Products



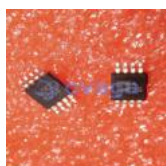
[AD8418BRMZ-RL](#)

Analog Devices, Inc
MSOP-8



[ADA4528-2ARMZ-R7](#)

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[AD8062ARMZ](#)

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