

Precision 5V Reference

Manufacturers	Analog Devices, Inc
Package/Case	METALCAN
Product Type	Power Management ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for RH1021BMH-5 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The RH1021-5 is a precision 5V reference with ultralow drift and noise, extremely good long-term stability and almost total immunity to input voltage variations. The reference output will source and sink up to 10mA. Unique circuit design makes the RH1021-5 the first IC reference to offer ultralow drift without the use of high power on-chip heaters.

The wafer lots are processed to Linear Technology's in-house Class S flow to yield circuits usable in stringent military applications.

Features

MIL-PRF-38535 Class V Compliant Version -

Ultralow Drift: 5ppm/°C Max Temperature Coefficient

Very Low Noise: 3µVP-P (0.1Hz to 10Hz)

Long Term Stability: 15ppm/kHr

Trimmed Output Voltage

Operates in Series Mode

Output Sinks Or Sources 10mA

Available in Metal Can, Ceramic Flatpack and as Unpackaged Dice

Radiation Performance

Total Ionizing Dose (TID) Tolerance, per TM1019.8, MIL-STD-883:

200kRad (Si), per condition A at 50Rads(Si)/sec

100kRad (Si), per condition D at 10mRads(Si)/sec

ELDRS Pass 100kRad(Si)

Displacement Damage Defect (DDD) pass up to 1E12 Neutrons/cm²

Application

A/D and D/A Convertors

Precision Regulators

Measurement and Control Systems

Power Supply Monitors

Related Products



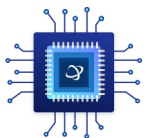
[RH1021CMH-5](#)

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CAN-8



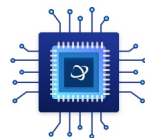
[ADP124ARHZ-2.8-R7](#)

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[RH1009MW](#)

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CPAK-10P



[RH1021CMW-5](#)

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FLATPAK-10



[ADP125ARHZ-R7](#)

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[ADP125ARHZ](#)

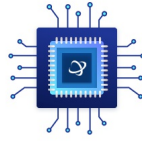
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[RH137H](#)

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CAN3



[RH1034MW-1.2](#)

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CPAK-10P