

## OVERVIEW

## PACKAGING

## ORDER INFO

## DESIGN TOOLS

## DEMO BOARDS

## NOTIFICATIONS

## TECH SUPPORT

# RH6105 – Radiation Hardened Micropower Precision, Rail-to-Rail Input Current Sense Amplifier

## Features

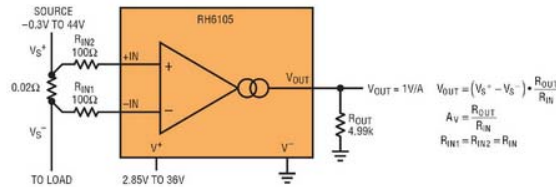
- MIL-PRF-38535 Class V Compatible Dice\*
- Very Wide, Over-the-Top, Input Common Mode Range
  - Extends 44V Above V<sub>-</sub> (Independent of V<sub>+</sub>)
  - Extends -0.3V Below V<sub>-</sub>
- Wide Power Supply Range: 2.85V to 36V
- Input Offset Voltage: 400μV Maximum
- Gain Accuracy: 1% Maximum
- Gain Configurable with External Resistors
- High Impedance Sense Input When Powered Down

## Radiation Performance\*

- Total Ionizing Dose (TID) Tolerance, per TM1019.8, MIL-STD-883:
  - 200kRad (Si), per condition A at 50Rads(Si)/sec
  - 50kRad (Si), per condition D at 10mRads(Si)/sec
  - ELDRS Pass 50kRad(Si)
- Displacement Damage Defect (DDD) up to 1E12 Neutrons/cm<sup>2</sup>
- Single Event Testing In Progress

\*Radiation and Qualification completed on the packaging vendor's assembled unit.

## Typical Application



## Description

## ORDER NOW

[BUY](#)
[Request Samples](#)
[MYLINEAR LOGIN](#)