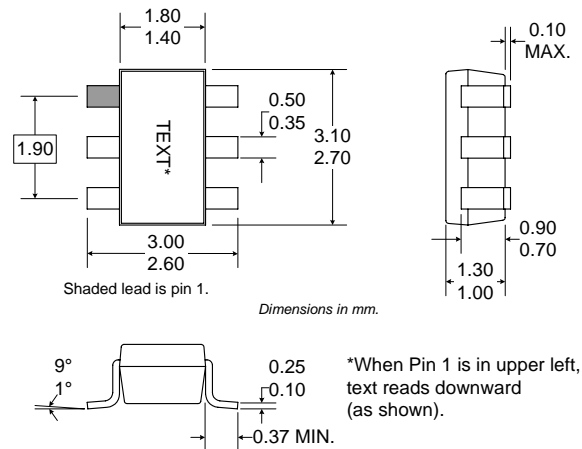


Typical Applications

- WLAN LNA with Bypass Feature
- CDMA PCS LNA with Bypass Feature
- MMDS LNA with Bypass Feature
- General Purpose Amplification
- Commercial and Consumer Systems

Product Description

The RF2370 is a switchable low noise amplifier with a very high dynamic range designed for digital cellular and WLAN applications. The device functions as an outstanding front end low noise amplifier. The bias current may be set externally. The IC is featured in a standard SOT 6-lead plastic package.



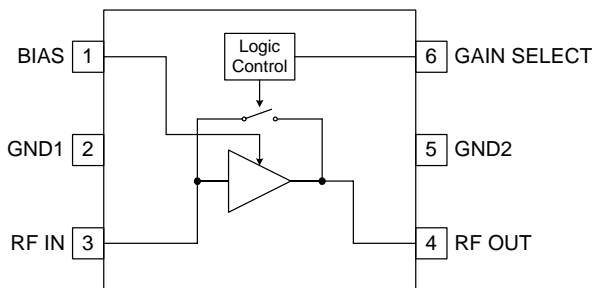
Optimum Technology Matching® Applied

- | | | |
|-------------------------------------|--|---------------------------------------|
| <input type="checkbox"/> Si BJT | <input checked="" type="checkbox"/> GaAs HBT | <input type="checkbox"/> GaAs MESFET |
| <input type="checkbox"/> Si Bi-CMOS | <input type="checkbox"/> SiGe HBT | <input type="checkbox"/> Si CMOS |
| <input type="checkbox"/> InGaP/HBT | <input type="checkbox"/> GaN HEMT | <input type="checkbox"/> SiGe Bi-CMOS |

Package Style: SOT 6-Lead

Features

- Low Noise and High Intercept Point
- Adjustable Bias Current
- Power Down Control
- Low Insertion Loss Bypass Feature
- 1.8V to 5V Operation
- 900MHz to 4GHz Operation



Functional Block Diagram

Ordering Information

- | | |
|-------------|---|
| RF2370 | 3V Low Noise Amplifier |
| RF2370 PCBA | Fully Assembled Evaluation Board (WLAN) usable from 1.9GHz to 4GHz with standard tune |

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