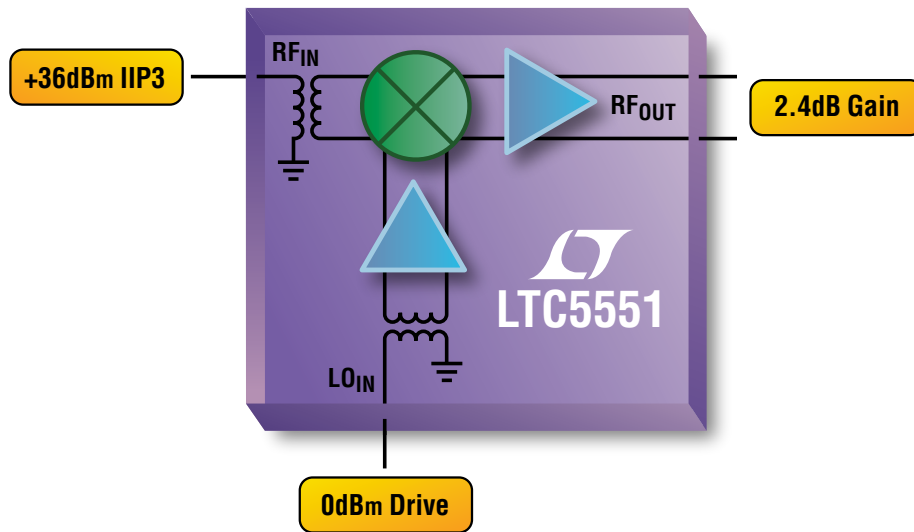


# +36dBm IIP3 Mixer Boosts Dynamic Range with 2.4dB Gain



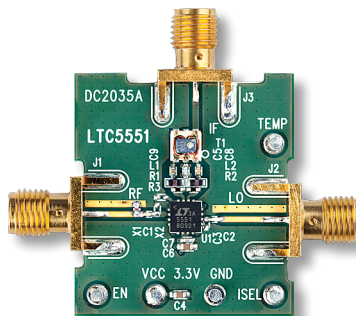
## Wideband 300MHz to 3.5GHz Integrated Mixer Lowers Power and Reduces External Components

The LTC<sup>®</sup>5551's +36dBm IIP3, combined with 2.4dB conversion gain and 9.7dB noise figure, produces outstanding dynamic range performance. Its high gain saves an expensive IF amplifier stage while minimizing noise gain. And its 0dBm LO drive eliminates a high power RF amplifier, ensuring consistent performance without sensitivity to LO level or power supply variations.

### Product Features

- 300MHz to 3.5GHz Frequency Range
- +36dBm IIP3
- 2.4dB Conversion Gain
- 9.7dB NF
- 0dBm LO Drive
- Low Power: 670mW

### LTC5551 Demo Board



(Actual Size)

### Info & Free Samples

[www.linear.com/product/LTC5551](http://www.linear.com/product/LTC5551)

1-800-4-LINEAR

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