

# SUPER-SMALL, LOW-POWER, 2.5GHz IC DOWNCONVERTER HAS 7.6dBm IIP3

Ideal for portable communication systems, the MAX2690 offers high input IP3 and low noise, allowing for more RF gain and better system sensitivity at much lower currents, with differential or single-ended outputs. The MAX2690 is available in the 10-pin  $\mu$ MAX package, with a footprint of only 3.0mm x 5.11mm (0.12in x 0.20in).

## Highest Linearity Silicon-Bipolar Mixer Requires Only -3dBm LO Drive versus +10dBm to +17dBm for Passive Mixers

**Ideal for:**

- ◆ ISM-Band Radios
- ◆ WLANs
- ◆ Microcellular Base Stations
- ◆ Cellular and Cordless Phones
- ◆ PCS

400MHz to 2.5GHz RF Input

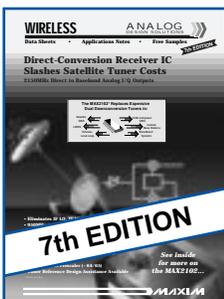
- 7.6dBm IIP3
- 10dB NF
- 7.9dB Gain

<1 $\mu$ A Shutdown Mode

• Only 16mA ISUPPLY!  
• 2.7V to 5.5V Operation

Only -3dBm LO Drive

ACTUAL SIZE



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