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DC478B - LT5512 Evaluation Kit

FEATURES

DESCRIPTION

PACKAGING

ORDER INFO

SIMULATE

FEATURES

- Evaluation Kit For LT5512 - 1kHz-3GHz High Signal Level Down-Converting Mixer

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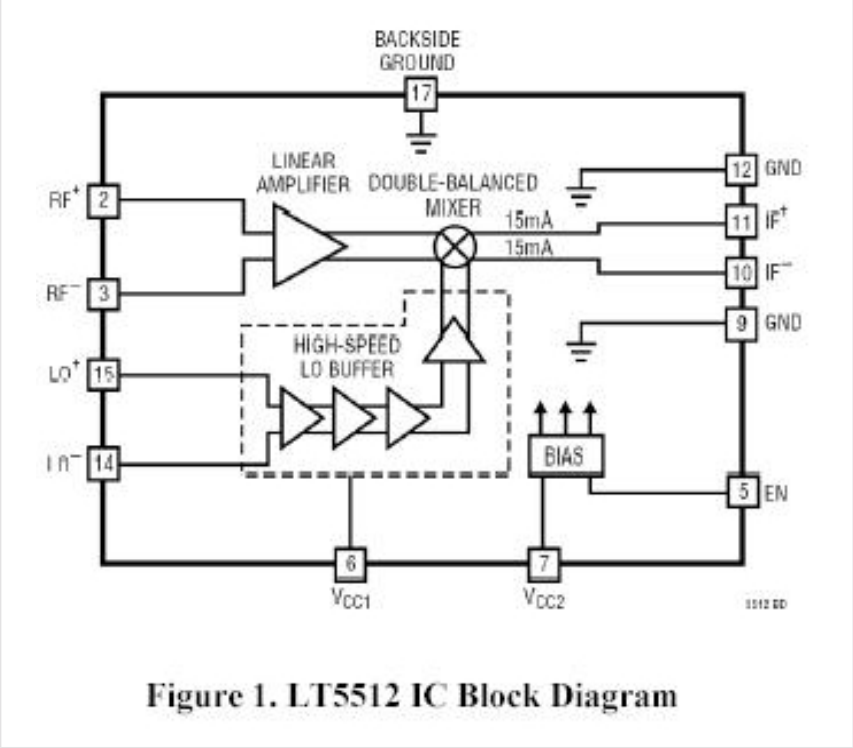
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Documentation

Reference Design

[DC478B - LT5512 Evaluation Kit \(PDF\)](#)

TYPICAL APPLICATION



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DESCRIPTION

The DC478B demo circuit board is intended to demonstrate the capabilities of the LT5512 downconverting mixer IC for 1900MHz wireless infrastructure applications.

The LT®5512 (Figure 1) is a broadband high signal level mixer IC optimized for high linearity downconverter applications including wireless and cable infrastructure. The IC includes a differential LO buffer driving a double-balanced mixer. An integrated RF amplifier improves LO-RF isolation and eliminates the need for precision external bias resistors.

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PACKAGING

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ORDER INFO

- Part numbers ending in PBF are [lead free](#). Please contact LTC marketing for information on lead based finish parts.
- Part numbers containing TR or TRM are shipped in [tape and reel or 500 unit mini tape and reel](#), respectively
- Please refer to our [general ordering information](#) or the product datasheet for more details

Evaluation Kits

Part Number	Description	Price
DC478B	LT5512EUF High Signal Level, Down-Converting Mixer, (1.9GHz PCS Band)	\$125.00
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APPLICATIONS

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SIMULATE

To simulate selected Linear Technology products, please download [LTSpice / SwitcherCAD III](#). This powerful schematic capture and simulation tool includes macro models for 80% of Linear Technology's switching regulators, over 200 op amp models, as well as resistors, transistors and MOSFET models.

For other simulation tools, visit our [Design Simulation and Device Models](#) page.

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