English



OM7801

Low-noise amplifier evaluation board using BGU7003 matched for 868 MHz ISM band

Demo board description

The BGU7003 LNA evaluation board simplifies the evaluation of the BGU7003 LNA at the 868 MHz ISM band. The evaluation board enables testing of the device performance and requires no additional support circuitry. The board is fully assembled with the BGU7003, including the input and output matching circuitry as well as a decoupling capacitors to optimize the performance. The board is supplied with two SMA connectors for input and output connection to RF test equipment. The BGU7003 board is optimized for 2.8 V operation and consumes about 5 mA.

Features

- Two SMA connectors for input and output connection to RF test equipment
- Evaluation of the power on settling time t_{on} and the power off settling time t_{off}

Descriptive summary

Applications
Applications in the ISM band ranging from 863 MHz to 870 MHz.

Evaluation board content
BGU7003 LNA evaluation board in ESD safe packing

All information on this product information page is subject to the subsequent disclaimers:

- General product disclaimer
- Quality and reliability disclaimer

Documentation for this product

Filename	Type	Format	Title	Date
UM10517	User manual	pdf	User manual for the BGU7003 868MHz LNA evaluation board (v.1.0)	2011-12-14

Demo boards

Type number	Ordering code(12NC)	Orderable part number	Products status	Region	Distributor	In stock	Order quantity	Inventory date	Buy online
OM7801/BGU7003/868	9340 660 71598		Volume production						

Products

Type number	Description	Status	Quick access
BGU7003	Wideband silicon germanium low noise amplifier MMIC		Download datasheet Order sample

Support

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http://www.nxp.com/techsupport/