English



OM7802

Low-noise amplifier evaluation board using BGU7003 matched for CMMB

Demo board description

The BGU7003 LNA evaluation board simplifies the evaluation of the BGU7003 LNA for the Chinese Mobile Multimedia Broadcast at frequencies ranging from 400 MHz to 800 MHz. 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 2.5 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 ton and the power off settling time toff"

Descriptive summary

Evaluation board content
BGU7003 LNA evaluation board in ESD safe packing

Applications
Applications for CMMB ranging from 400 MHz to 800 MHz.

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- General product disclaimer
- Quality and reliability disclaimer

Documentation for this product

Download all documentation (zip)

Filename	Type	Format	Title	Date
AN11097	Application note	pdf	CMMB LNA with BGU7003, 400 MHz to 800 MHz (v.1.0)	2012-03-29

Demo boards

Type number	Ordering code(12NC)	Orderable part number	Products status	Region	Distributor	In stock	Order quantity	Inventory date	Buy online
OM7802/BGU7003/CMMB	9340 660 72598		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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