



OM7828

BGA6130 medium power amplifier evaluation kit

Demo board description

The BGA6130 medium power amplifier kit simplifies the evaluation of the BGA6130 medium power amplifier. It contains two RF boards matched to 50 Ohm for two Industrial, Scientific and Medical frequency bands: 434 MHz and 915 MHz. The boards operate at 3.6 V and consume 70 mA. A spare printed-circuit board and SMA connectors are included. This can be used for implementing custom designed matching circuitry for example designed using our device models included in this kit on a USB flash drive. The kit also provides BGA6130 samples for prototyping and product documentation.

Features

- Out of the box evaluation of the fully populated RF board for ISM 434 MHz and ISM 915 MHz
- Bread board for custom designs
- Samples for prototyping
- Device Models and S-parameters

Descriptive summary

Evaluation kit content

- RF board matched for ISM 434 MHz
- RF board matched for ISM 915 MHz
- Unpopulated PCB
- 2 SMA connectors
- BGA6130 samples
- USB flash drive containing: user manual, device models, Gerber files, datasheet, etc

Applications

Any up-to 1 W medium-power application operating at frequencies between 400 MHz to 2700 MHz, like:

- Broadband CPE/MoCA
- WLAN/ISM/RFID
- Wireless Sensor Networks
- Industrial Applications
- Satellite Master Antenna TV (SMATV)

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
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Demo boards

Type number	Ordering code(12NC)	Orderable part number	Products status	Region	Distributor	In stock	Order quantity	Inventory date	Buy online
OM7828/BGA6130/KIT	9340 668 54598		Volume production						

Products

Type number	Description	Status	Quick access
BGA6130	400 MHz to 2700 MHz 1 W high efficiency silicon amplifier		

Support