



## OM7922

OM7922 - Variable gain amplifier BGA7204 customer evaluation kit information

### Demo board description

The BGA7204 customer evaluation kit enables the user to evaluate the performance of the variable gain amplifier BGA7204. The kit comes with a USB-interface board and customer software which allows you to use your PC to control the SPI interface of the BGA7204. You can set the attenuation state and advanced features as temperature read-out, reprogramming the gain curve and power down. The kit also provides BGA7204 samples for prototyping, a RF calibration-track for de-embedding of the RF board, product documentation and a USB extension cable to facilitate the work at the RF bench.

### Features

- Out of the box evaluation of the fully populated RF board
- Calibration tracks for RF board de-embedding
- Plug & play control software, no driver installation required
- Samples for prototyping
- RF board can be powered through USB connector

### Descriptive summary

#### Evaluation board content

- RF evaluation board
- USB interface board
- Flat cable
- Samples
- USB flash drive containing: user manual, evaluation software, datasheet, etc
- ESD safe casing

#### Applications

GSM, W-CDMA, WiMAX & LTE Wireless Base stations, Wireless Point to point and Wireless repeater applications. But also WiMAX base stations, Cable modem termination systems & temperature compensation circuits.

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- [General product disclaimer](#)
- [Quality and reliability disclaimer](#)

### Documentation for this product

[Download all documentation \(zip\)](#)

Filename	Type	Format	Title	Date
BGA7204	Data sheet	pdf	400 MHz to 2750 MHz high linearity variable gain amplifier (v.2.0)	2012-01-18

### Demo boards

Type number	Ordering code(12NC)	Orderable part number	Products status	Region	Distributor	In stock	Order quantity	Inventory date	Buy online
OM7922/BGA7204	9340 661 24598		Volume production						

### Products

Type number	Description	Status	Quick access
BGA7204	400 MHz to 2750 MHz high linearity variable gain amplifier		<a href="#">Download datasheet</a>  <a href="#">Order sample</a>

### Support

If you have any questions related to this product please contact our support team via the support form:  
<http://www.nxp.com/techsupport/>