

Features

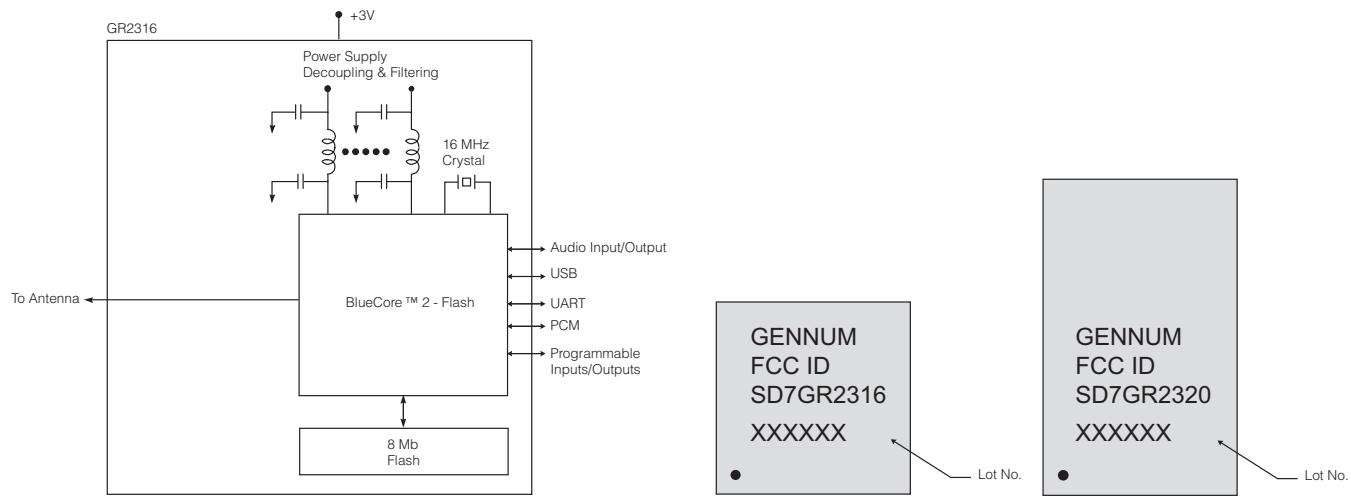
- Compliant to the Bluetooth™ specification v1.1
- FCC and CE certified
- Class 2 operation
- Integrated voice codec
- BlueCore™ HCI software stack
- Internal 8Mb flash, 16MHz crystal
- Power control function supported
- Surface mount compatible with standard 1.0mm BGA package interface
- GR2316 size: 14.5mm x 14.5mm x 3mm
- GR2320 size: 23mm x 14.5mm x 3mm
- Temperature range: -20°C to +85°C
- Voltage range: +2.2V to +3.6V

Description

The GR2316 (without on-board antenna) / GR2320 (with on-board antenna) is one of the smallest modules available providing the most flexibility for a wide range of applications. Powered by Cambridge Silicon Radio's world leading single-chip technology, and combined with Gennum's packaging technology, the result is a fully integrated module providing a complete system for data and voice communications.

Applications

- Headsets
- Keyboards
- Mobile Phones
- Personal Digital Assistants (PDAs)



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**Block diagram**