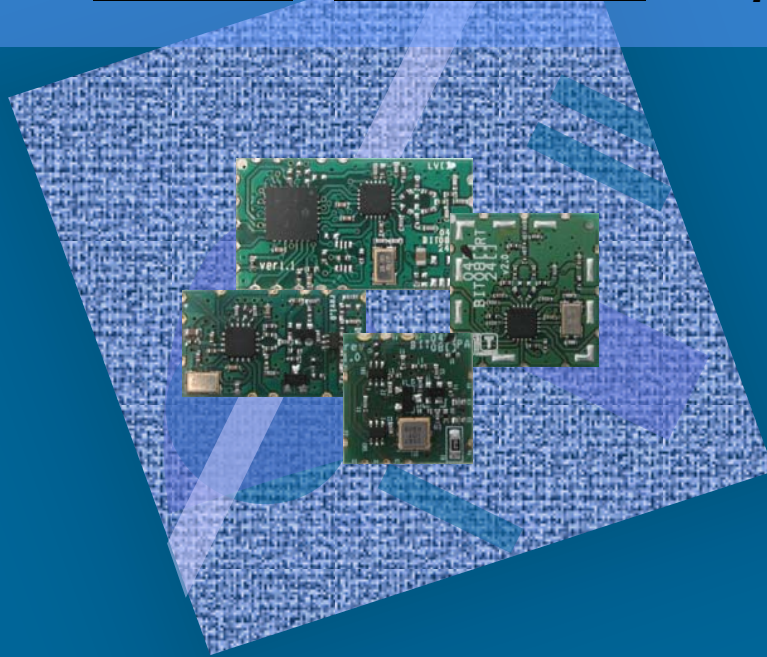




BIT IS ITALIAN TECHNOLOGY S.R.L.

Your Best Partner for Embedded RF design!



**Embedded & Wireless
applications design &
production**

BIT at a glance

- Founded in 2002 by Kevin Schurter, De Giorgio Antonio and Basile Bruno (20 years of cumulative experience in RF and embedded designs)
- A Schurter Holding AG Group company (Kevin Schurter owns 40% of share in BIT)
- Based in Italy, specifically in Lainate (Milan area)

 **SCHURTER**
ELECTRONIC COMPONENTS



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Mission

- RF solutions Design and production
 - Easy to use, Low Cost, High Performance
 - Small size surface mounted
 - Customized for customer needs
- Embedded application Design
 - Home and building Automation
 - Alarm and Security systems
 - Automatic Meter Reading
 - Industrial Automation



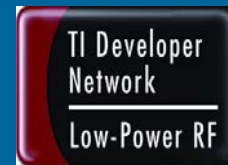
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Products and Services

- Standard RF modules in the license free ISM bands 315, 433, 868, 915, 2450 MHz
- Custom RF solutions
- Complete embedded applications design
- Member of Texas Instruments 3rd party
- Microchip Design Partner Program Member



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Product Families

BITxxRT

- Completely programmable Standard SPI interface RF Transceiver



BITxxRM(L)

- Standard UART interface (AT commands) RF RadioModem



BITxxPA

- Up to 18 dBm RF Amplifier



BIT48TX/PA

- Standard SPI interface, double frequency 433/868 RF Transmitter



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Quality & Service

- All products fully produced and tested in Italy
- Standard Tray packaging for true SMD assembly
- High volume production capability
- Driver library available for different host mcu platform
- Quick & Free customer design verification



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Compliance qualification

- All products are suited for systems targeting compliance with EN 300 220 (Europe) and FCC CFR Part 15 (US)
- FCC require formal certification
- BIT can offer consulting services for final application qualification



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Design Service

- Custom RF solution design
 - We can embed RF solution in your application
- Embedded application design
 - Home and building Automation
 - Alarm and Security systems
 - Automatic Meter Reading
 - Industrial Automation
 - Other (8, 16, 32 bit and dsp designs)



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Embedded Design Experience

Home and building Automation

- Graphical Display easy interface
- Transponder based access control
- RF remote control of light, door, etc.
- Embedded Web server remote access

Automatic Meter Reading

- Heat distribution meters
- Water, gas and electricity meters
- MBUS

Alarm and Security systems

- Dual Band 433/868 MHz
- Graphical Display easy interface
- Audio Messages Recording and Playback (dsp engine)
- DTMF encoding and decoding (dsp engine)
- Embedded Web server remote access

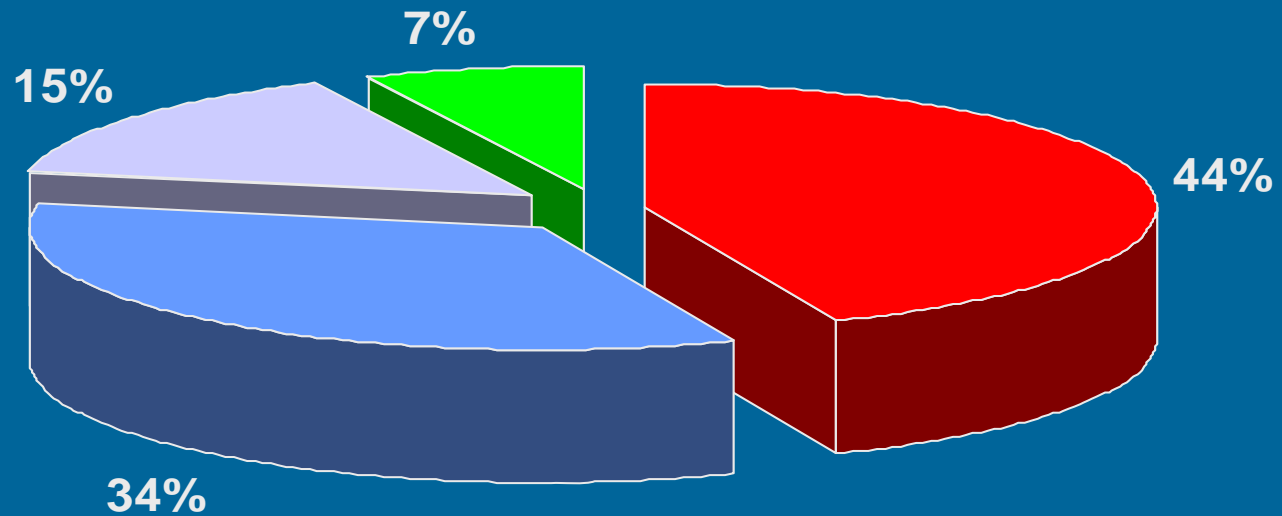


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Applications



- Home and Building Automation
- Alarms and Security systems
- Automatic Meter Reading
- Other



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Contacts



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