

New Real-Time Clock Modules for Energy-Efficient Time and Date Functions



Time and date information must be reliably available at all times in many electronic devices, even during power outages or in low-power operating modes. With its new **Real-Time Clock (RTC) Modules**, Jauch is expanding its portfolio of Frequency Control Products with highly integrated components for industrial, IoT, and medical applications. The Modules combine a Real-Time Clock, an integrated Quartz Crystal, and additional features such as alarm, timer, and time-stamping functions in a compact SMD package.

3 Key Technical Features:

- Integrated Quartz Crystal for simplified circuit design
- Low power consumption for extended battery life
- High timekeeping accuracy through optional DTCXO technology

3 Typical Areas of Applications:

- Smart Meters and industrial IoT devices
- PLCs and monitoring systems
- Medical devices and data acquisition systems

3 Special Features:

- Five RTC variants for different functional and performance requirements
- Compact form factor with an I²C interface for easy integration
- Backup functionality for reliable operation even during power outages

The new RTC family includes five product variants, ranging from ultra-low-power solutions for battery-powered devices and temperature-compensated models for high-accuracy applications to multifunctional versions with advanced time-stamping and monitoring capabilities

For more information about the new RTC product family, please send us your request to: bce@bce.it

The Specialist for Frequency Control Products

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