10.2 Real-time-clock

Hardware manual

www.pinetek-networks.com

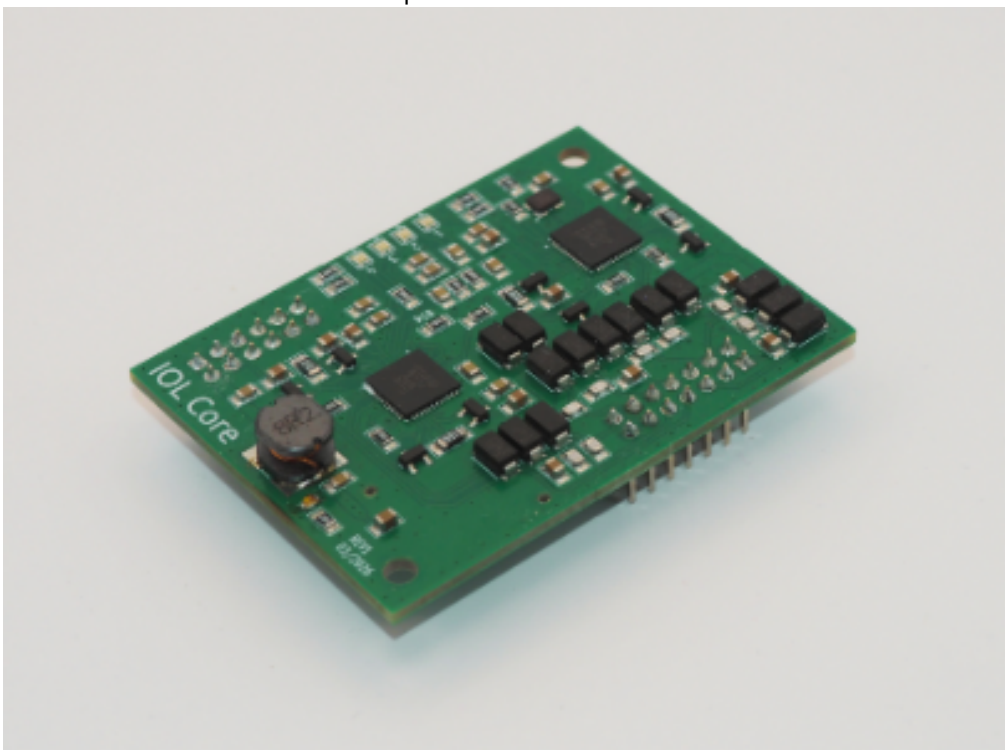


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10.2 Real-time-clock

The Pinebox is equipped with a real-time-clock (RTC). This clock is powered by an internal battery in case the Pinebox is not supplied by 24V volts. The RTC is automatically synchronized when the Pinebox is connected to a network that provices access global NTP servers.

The RTC is specifically useful when writing data to a database using timestamps.

Installing the battery

The Pinebox comes without a battery. To use the RTC, CR2032 type 3V lithium battery needs to be installed. To install or exchange the battery, please open the Pinebox in an ESD safe environment. The location and polarity of the battery is as follows:

