



# Nano-Power Highly Accurate RTC with Integrated Quartz Crystal

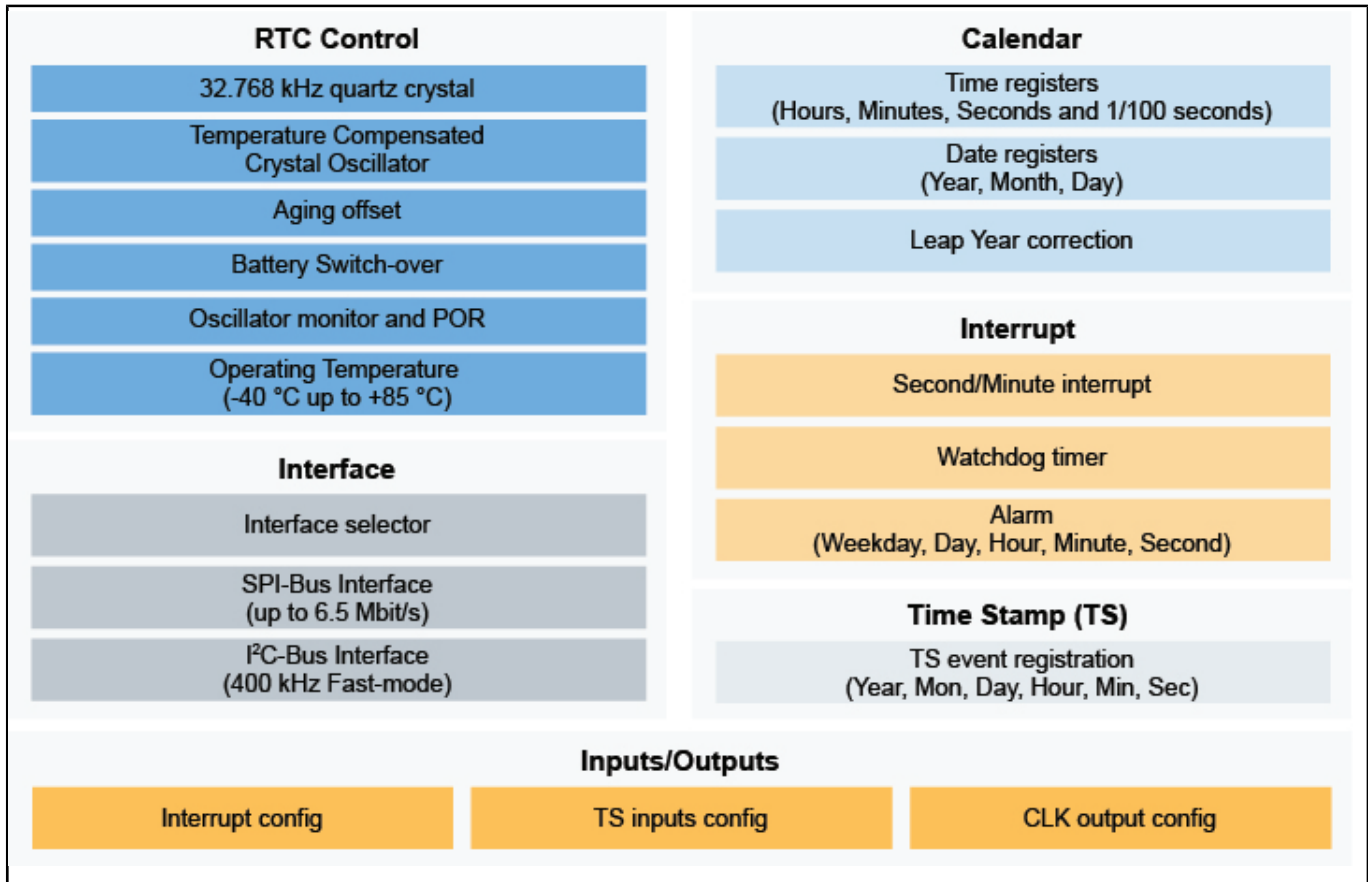
## PCF2131

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PCF2131是一款CMOS实时时钟(RTC)和日历，具有集成式温度补偿型晶体(Xtal)振荡器(TCXO)和32.768 kHz石英晶体，适用于极高精度和超低功耗的应用。PCF2131功能：

- 可选择I<sup>2</sup>C总线或SPI总线接口，在选择相关MCU/MPU时具有充分的灵活性
- 备用电池输入和切换电路，允许RTC跟踪时间，即使主电源已断开
- 日历功能可以跟踪从年到1/100秒的时间
- 最多4个时间戳寄存器，可与时间戳输入相关联，以便注册篡改事件
- 最多2个中断输出，可启用/禁用系统，降低总电流消耗

## PCF2131 Block Diagram Block Diagram



View additional information for [Nano-Power Highly Accurate RTC with Integrated Quartz Crystal](#).

Note: The information on this document is subject to change without notice.

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