



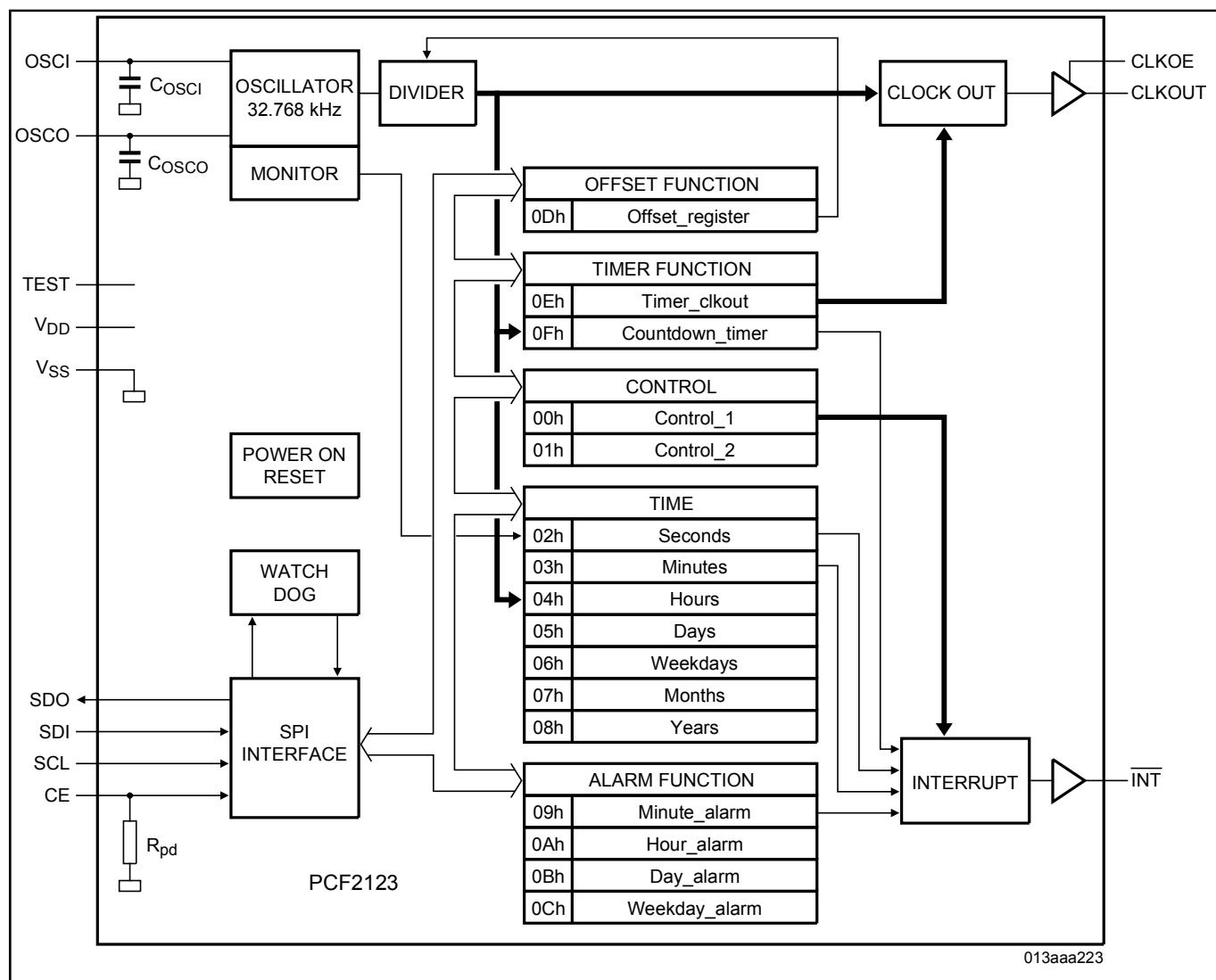
# SPI Real-Time Clock/Calendar

## PCF2123

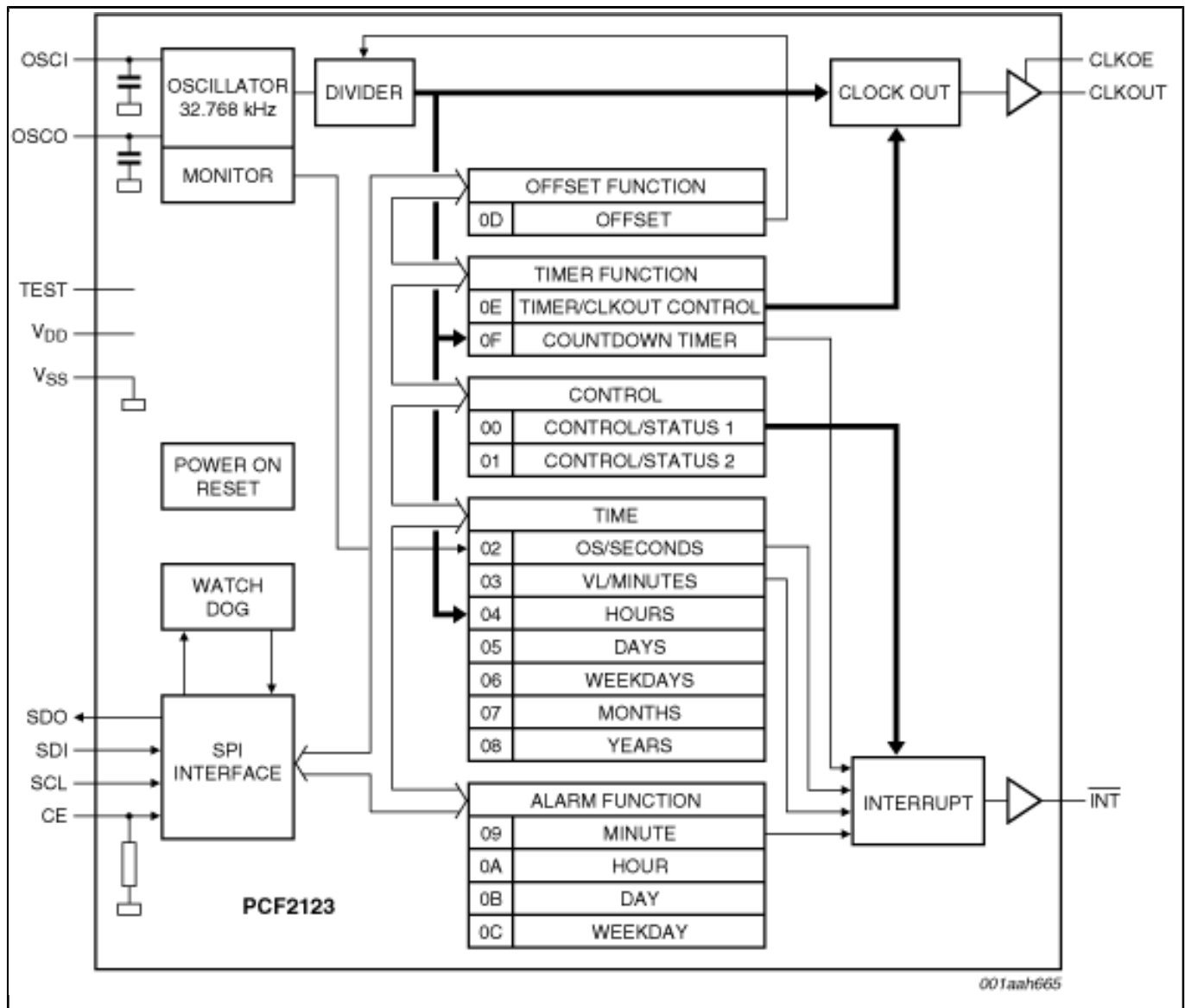
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The PCF2123 is a CMOS Real-Time Clock (RTC) and calendar optimized for low power applications. Data is transferred serially via a Serial Peripheral Interface (SPI-bus) with a maximum data rate of 6.25 Mbit/s. An alarm and timer function is also available providing the possibility to generate a wake-up signal on an interrupt pin. An offset register allows fine tuning of the clock.

## PCF2123 Block Diagram



## PCF2123TS, PCF2123U Block Diagram



View additional information for [SPI Real-Time Clock/Calendar](#).

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

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