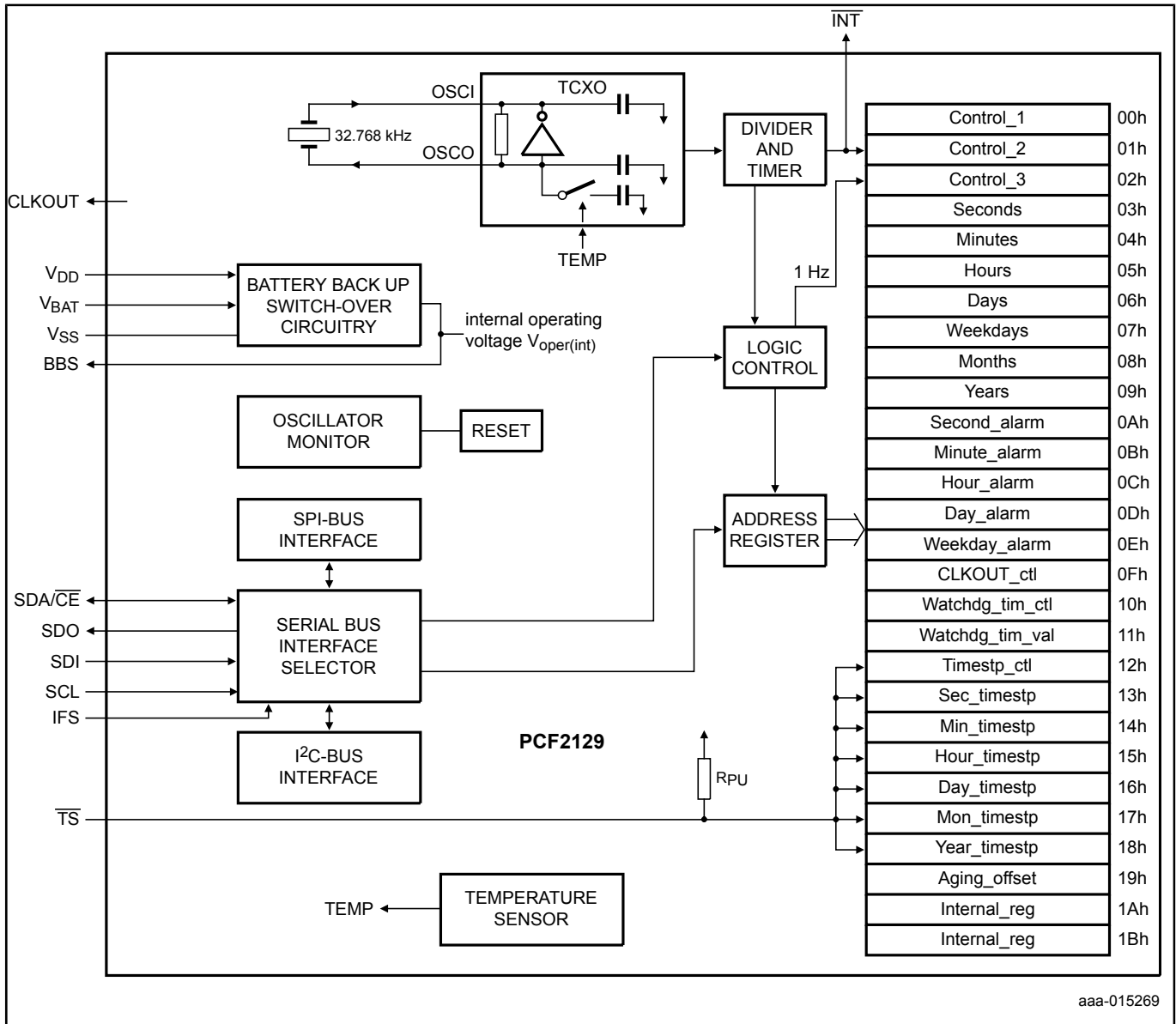# Accurate RTC with Battery Backup

PCF2129

新規採用非推奨
このページでは、新規設計を推奨しない製品に関する情報を掲載しています。

Last Updated: Apr 11, 2024

The PCF2129 is a CMOS Real Time Clock (RTC) and calendar with an integrated Temperature Compensated Crystal (Xtal) Oscillator (TCXO) and a 32.768 kHz quartz crystal optimized for very high accuracy and very low power consumption. The PCF2129 has a selectable I^2C-bus or SPI-bus, a backup battery switch-over circuit, a programmable watchdog function, a timestamp function, and many other features.

PCF2129 Block Diagram Block Diagram

Control_1	00h
Control_2	01h
Control_3	02h
Seconds	03h
Minutes	04h
Hours	05h
Days	06h
Weekdays	07h
Months	08h
Years	09h
Second_alarm	0Ah
Minute_alarm	0Bh
Hour_alarm	0Ch
Day_alarm	0Dh
Weekday_alarm	0Eh
CLKOUT_ctl	0Fh
Watchdg_tim_ctl	10h
Watchdg_tim_val	11h
Timestp_ctl	12h
Sec_timestp	13h
Min_timestp	14h
Hour_timestp	15h
Day_timestp	16h
Mon_timestp	17h
Year_timestp	18h
Aging_offset	19h
Internal_reg	1Ah
Internal_reg	1Bh

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View additional information for Accurate RTC with Battery Backup.

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