



# 面向低功耗应用的**PMIC**

## **PCA9420-PCA9421**

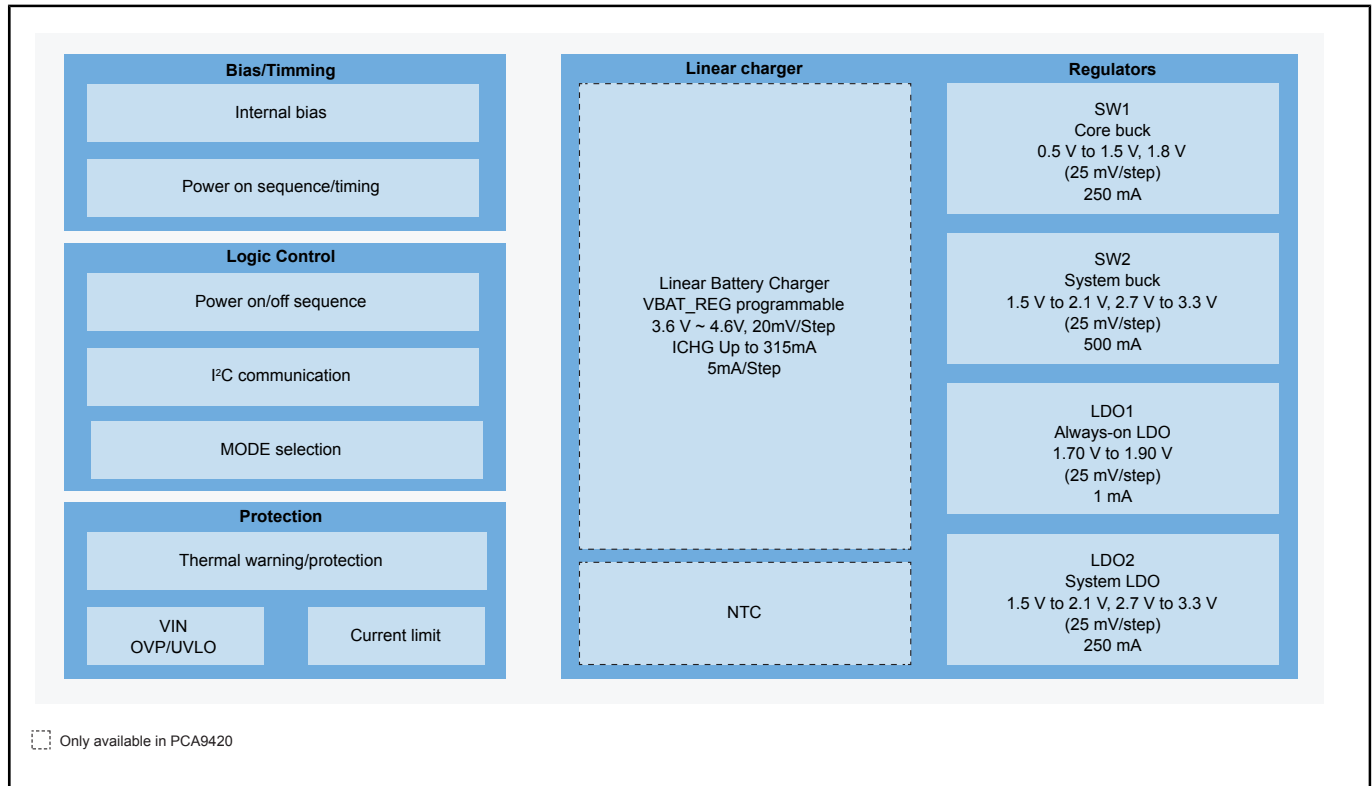
Last Updated: Oct 30, 2023

PCA9420/21是高度集成的电源管理IC（PMIC），旨在为低功耗微控制器应用或其他由锂离子电池供电的类似应用和/或**5V**适配器非便携式应用提供电源管理解决方案。

这些器件还集成了两个降压转换器、两个**LDO**和可编程输出电压。PCA9420集成了线性电池充电器，能够通过**I<sup>2</sup>C**可编程恒定电流（CC）和恒定电压（CV）充电至**315mA**电流。

这些芯片采用2.09mmx2.09mm，5x5凸点，0.4mm间距**WLCSP**封装；以及3mmx3mm，24引脚**QFN**封装。

# PCA9420-PCA9421 Block Diagram



View additional information for [面向低功耗应用的PMIC](#).

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

**www.nxp.com**

NXP and the NXP logo are trademarks of NXP B.V. All other product or service names are the property of their respective owners. The related technology may be protected by any or all of patents, copyrights, designs and trade secrets. All rights reserved. © 2024 NXP B.V.