



# LPC553x/S3x: 基于先进模拟 Arm®Cortex®-M33的MCU系列

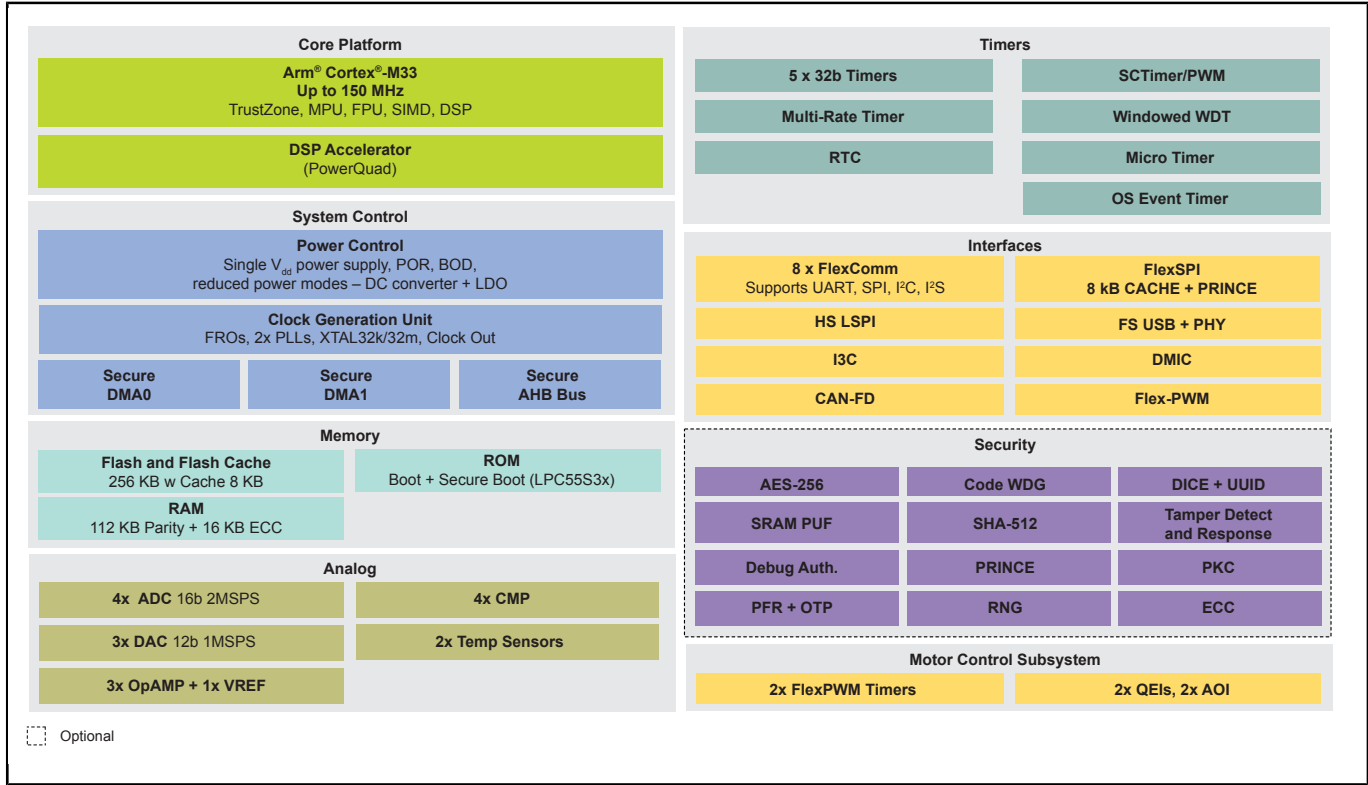
## LPC553x

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LPC553x/S3x MCU系列进一步扩展了恩智浦第一个基于Cortex-M33的通用MCU系列，提供了显著的性能增强、具有奇偶校验或ECC的所有片上RAM、更新的安全功能和精确模拟添加，充分利用高性价比的40 nm NVM工艺技术。

LPC553x/S3x系列包括专有的DSP加速器，可将时钟周期缩短10倍，显著提高信号处理效率。

# LPC553x/55S3x MCU Block Diagram



View additional information for [LPC553x/S3x](#): 基于先进模拟Arm®Cortex®-M33的MCU系列.

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

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