



LPC550x/S0x: Baseline Arm® Cortex®-M33-Based Microcontroller Family

LPC550x

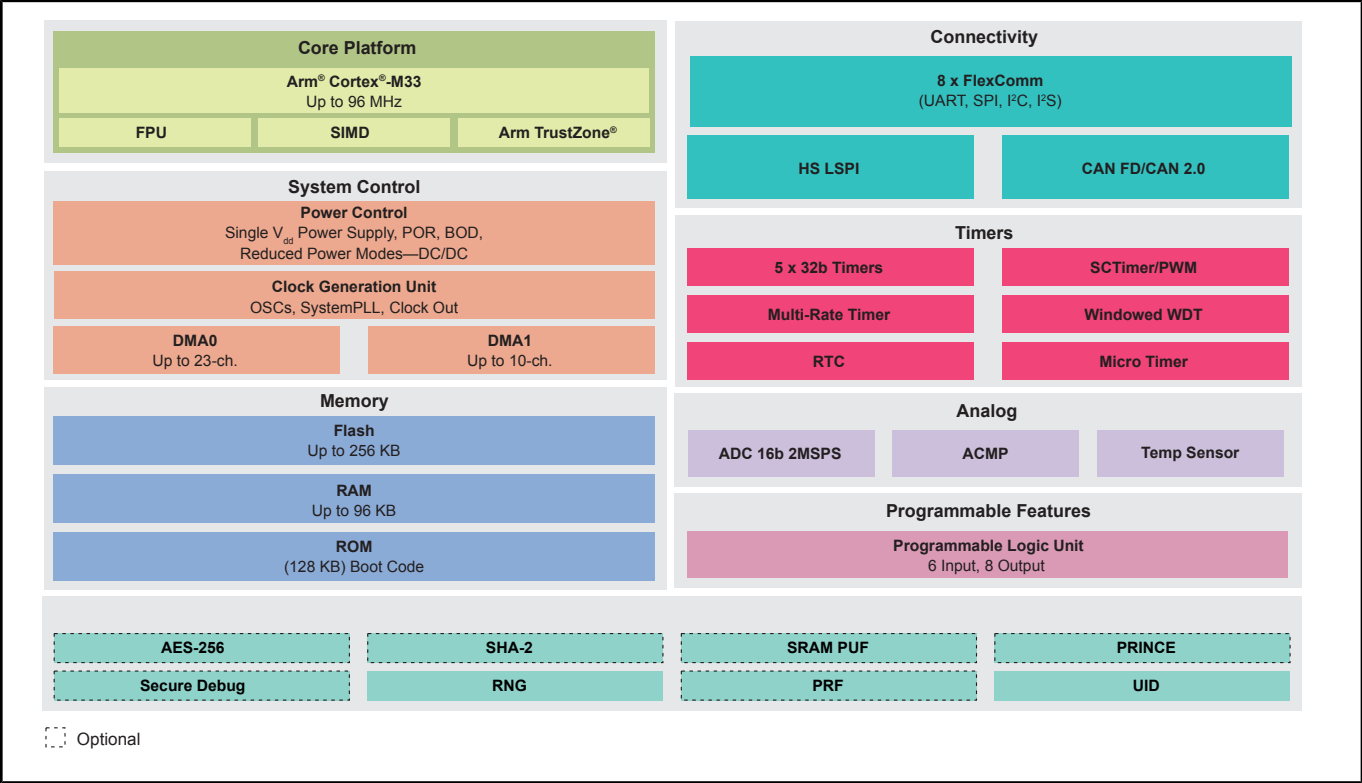
Last Updated: Dec 15, 2024

The baseline LPC550x/S0x MCU family, with its lower cost options and smaller footprint, further expand the existing general-purpose LPC5500 MCU series. Its advanced security and safety integration offer applications an extra level of protection.

Offering excellent ecosystem advantages for developers, including pin-, software- and peripheral-compatibility in addition to a comprehensive portfolio of software and tools, the LPC550x/S0x MCU family helps accelerate time to market.

This family of MCUs is part of the EdgeVerse™ [edge computing](#) platform and inclusive of the LPC55S06, LPC55S04, LPC5506 and LPC5504 MCUs.

LPC550x MCU Block Diagram



View additional information for [LPC550x/S0x: Baseline Arm® Cortex®-M33-Based Microcontroller Family](#).

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