



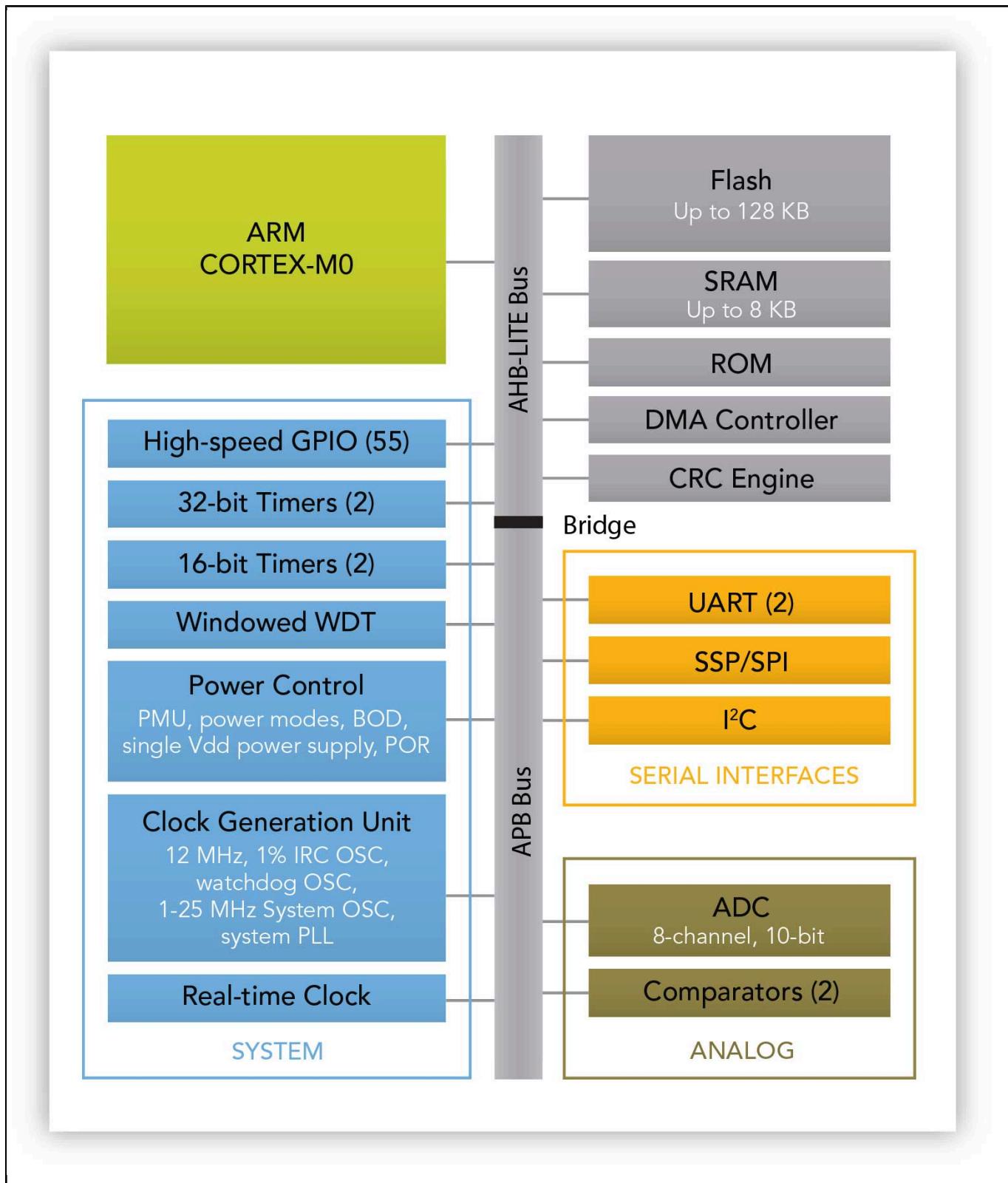
# 128 KB Flash, 8 KB SRAM, LQFP48 Package

## LPC1227FBD48

Last Updated: Jan 8, 2026

The LPC1227FBD48 is an Arm® Cortex®-M0 based microcontroller for embedded applications featuring a high level of integration and low power consumption. The LPC1227FBD48 operates at CPU frequencies of up to 30 MHz and includes 128 kB of Flash memory and 8 kB of data memory. The peripheral complement of the LPC1227FBD48 includes a DMA controller, a CRC engine, one Fast-mode Plus I2C interface, one RTC, one SSP/SPI interface, two UARTs, four general purpose timers, a 10-bit ADC, two comparators, and up to 39 General Purpose I/O (GPIO) pins. The LPC1227FBD48 is available in LQFP48 package.

## LPC122x Block Diagram Block Diagram



View additional information for [128 KB Flash, 8 KB SRAM, LQFP48 Package](#).

**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. © 2026 NXP B.V.