



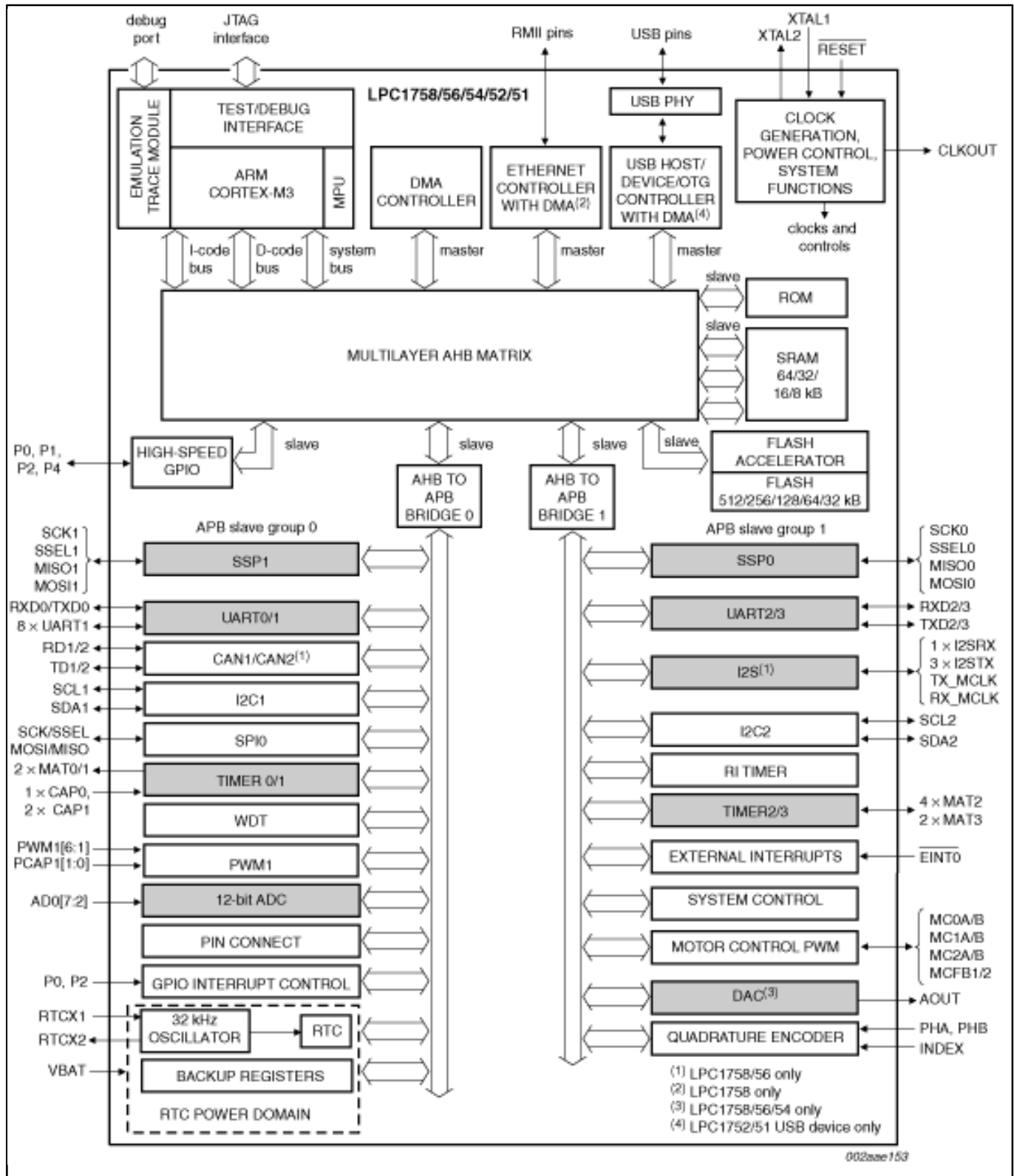
# 基于**ARM Cortex-M3**内核的可扩展主流 **32位微控制器(MCU)**

## **LPC1754FBD80**

Last Updated: Apr 8, 2022

LPC1754是一种适合嵌入式应用的**Cortex-M3**微控制器，具有较高的整合度和低功耗，运行频率为**100 MHz**。功能包括**128 kB**闪存、**32 kB**数据存储器、USB 设备/主机/OTG、**8通道DMA**控制器、**4**个UART、**1**个**CAN**通道、**2**个SSP、**1**个SPI、**2**个I2C、**8**通道**12**位ADC、DAC、电机控制PWM、正交编码器接口、**4**个通用定时器、**6**输出通用PWM、带独立电池供电的超低功耗实时时钟以及最多**52**个通用I/O引脚。

**Block diagram: LPC1751FBD80, LPC1752FBD80, LPC1754FBD80, LPC1756FBD80, LPC1758FBD80 Block Diagram**



View additional information for [基于ARM Cortex-M3内核的可扩展主流32位微控制器\(MCU\)](#).

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

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