



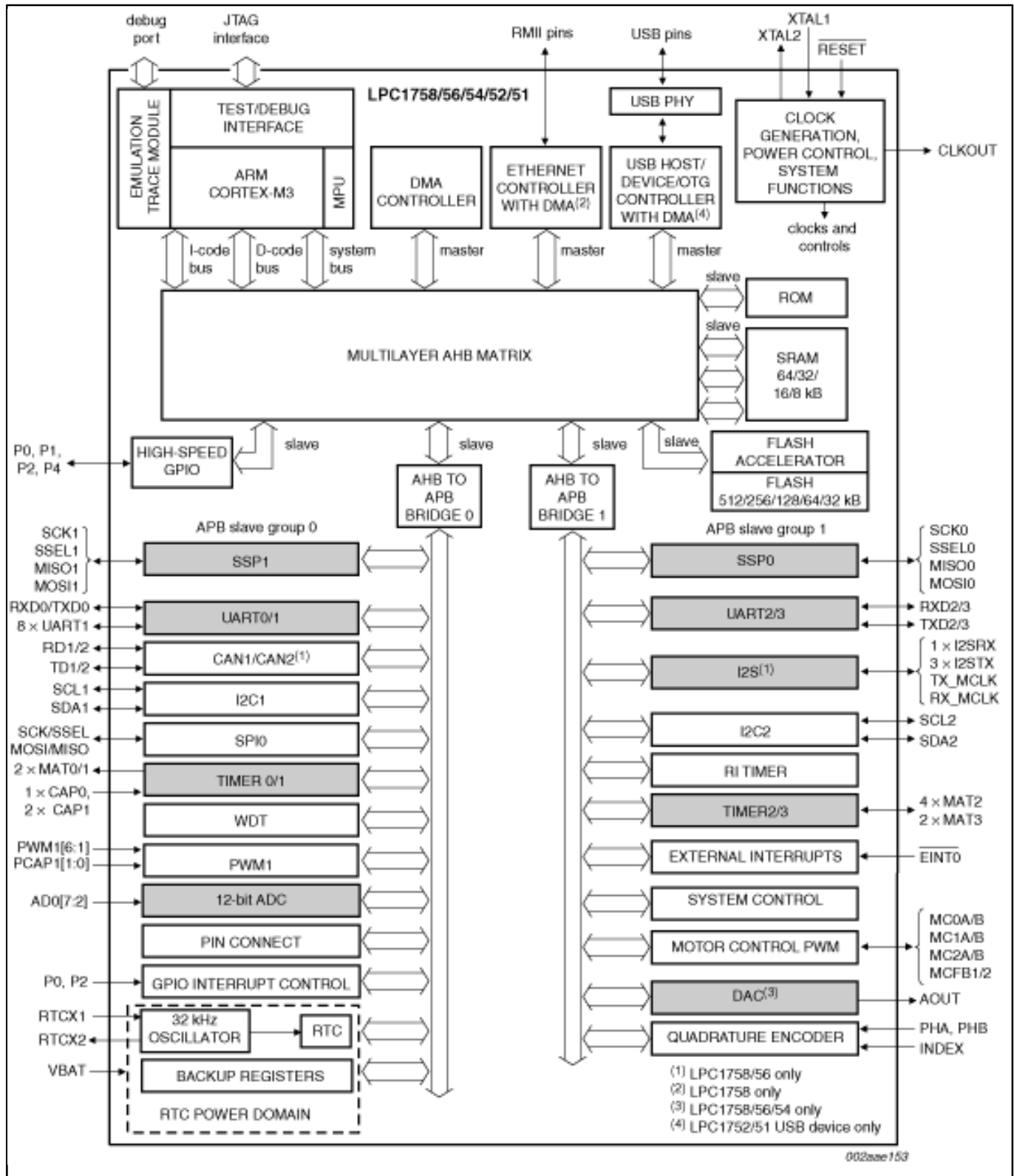
基于**ARM Cortex-M3**内核的可扩展主流 **32位微控制器(MCU)**

LPC1756FBD80

Last Updated: Apr 8, 2022

LPC1756是一种适合嵌入式应用的**Cortex-M3**微控制器，具有高集成度和低功耗的特点，运行频率为**100 MHz**。功能包括**256 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**、**2个CAN**通道、**2个SSP**、**1个SPI**、**2个I2C**、**I2S**、**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.

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.