



16/32-bit Arm® microcontrollers; flashless, with 10-bit ADC and external memory interface

LPC2210FBD144

Not Recommended for New Designs

This page contains information on a product that is not recommended for new designs.

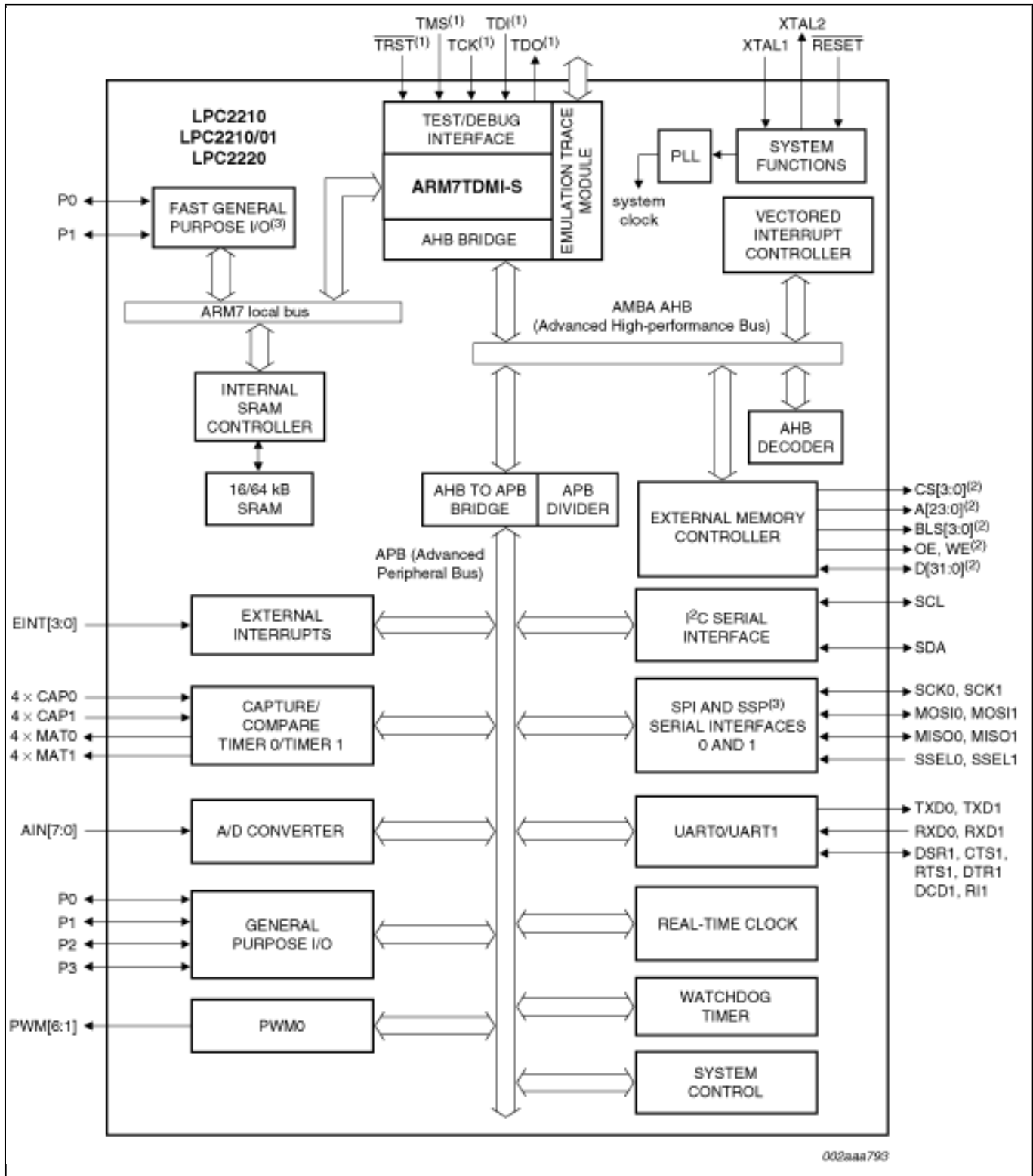
Last Updated: Apr 8, 2022

The LPC2210/2220 microcontrollers are based on a 16/32-bit Arm7TDMI-S™ CPU with real-time emulation and embedded trace support. For critical code size applications, the alternative 16-bit Thumb mode reduces code by more than 30 pct with minimal performance penalty.

With their 144-pin package, low power consumption, various 32-bit timers, 8-channel 10-bit ADC, PWM channels, and up to nine external interrupt pins these microcontrollers are particularly suitable for industrial control, medical systems, access control and point-of-sale. The LPC2210/2220 can provide up to 76 GPIOs depending on bus configuration. With a wide range of serial communications interfaces, it is also very well suited for communication gateways, protocol converters and embedded soft modems as well as many other general-purpose applications.

Remark: Throughout the data sheet, the term LPC2210/2220 will apply to devices with and without the /01 suffix. The /01 suffix will be used to differentiate LPC2210 devices only when necessary.

Block diagram: LPC2210FBD144, LPC2220FBD144, LPC2220FET144 Block Diagram



View additional information for [16/32-bit Arm® microcontrollers; flashless, with 10-bit ADC and external memory interface.](#)

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.