



Integrated V2 ColdFire® Microprocessor

MCF523X

新規採用非推奨

このページでは、新規設計を推奨しない製品に関する情報を掲載しています。

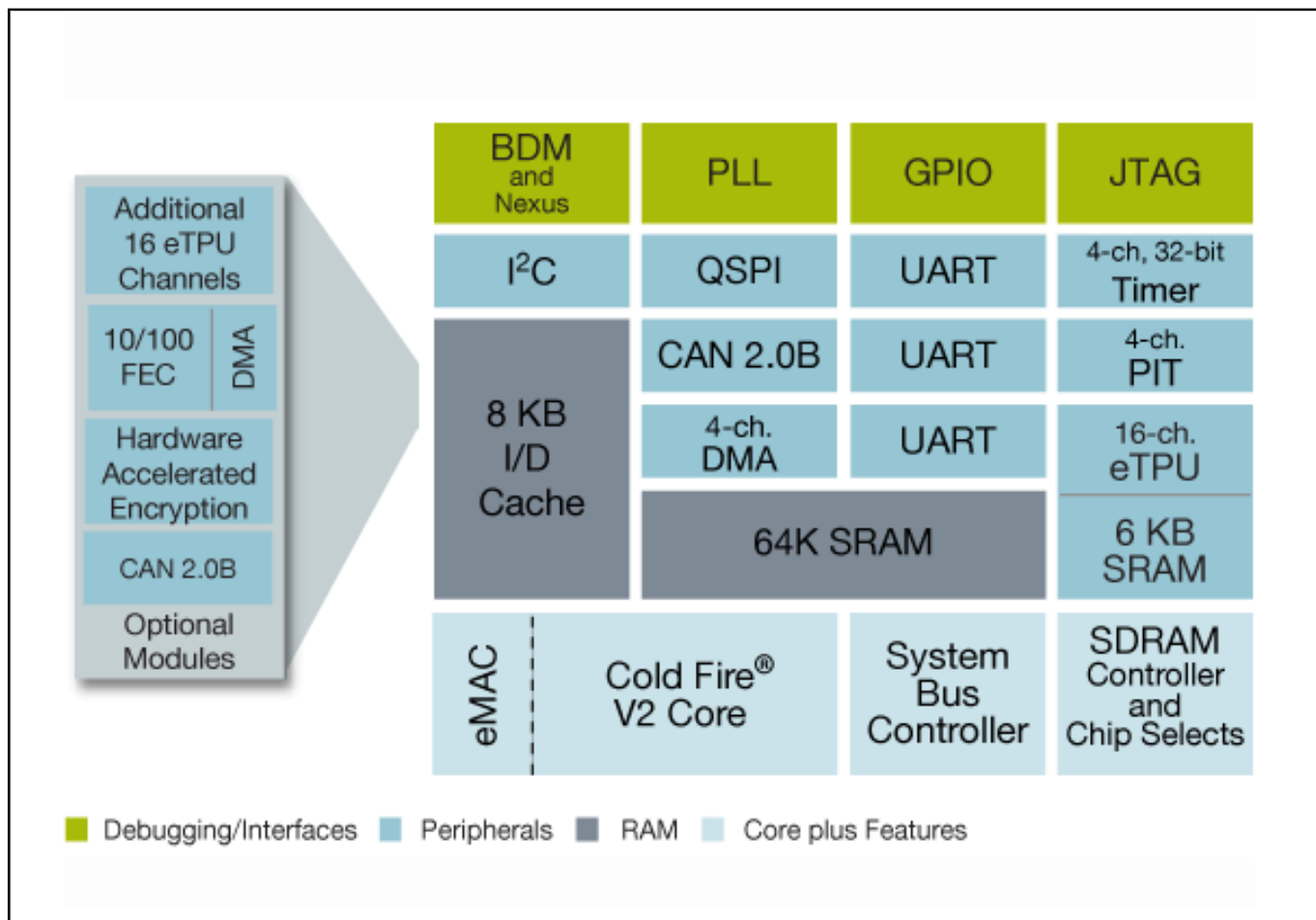
Last Updated: Apr 9, 2022

The MCF5235 ColdFire® V2 integrated microprocessor combines the popular ColdFire V2 core with a 16-channel enhanced time processing unit (eTPU), a 10/100 Ethernet MAC and other communications peripherals along with hardware-accelerated encryption. The mix of functionality in the MCF523x family addresses increased application complexity requiring more system throughput as well as networked applications that require a high level of security.

Providing up to 144 (Dhrystone 2.1) MIPS @ 150 MHz, this cost-effective controller enables networked and stand-alone complex real-time control applications such as industrial control, manufacturing equipment and robotics.

The family of MCF523x devices gives current users of the MC68332 a natural migration path to higher performance and networking support while enabling a new generation of products with increased functionality at a similar price point as earlier versions.

ColdFire MCF523X Microcontroller Block Diagram Block Diagram



View additional information for [Integrated V2 ColdFire® Microprocessor](#).

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.