Integrated V2 ColdFire® Microprocessor

MCF523X

Not Recommended for New Designs

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

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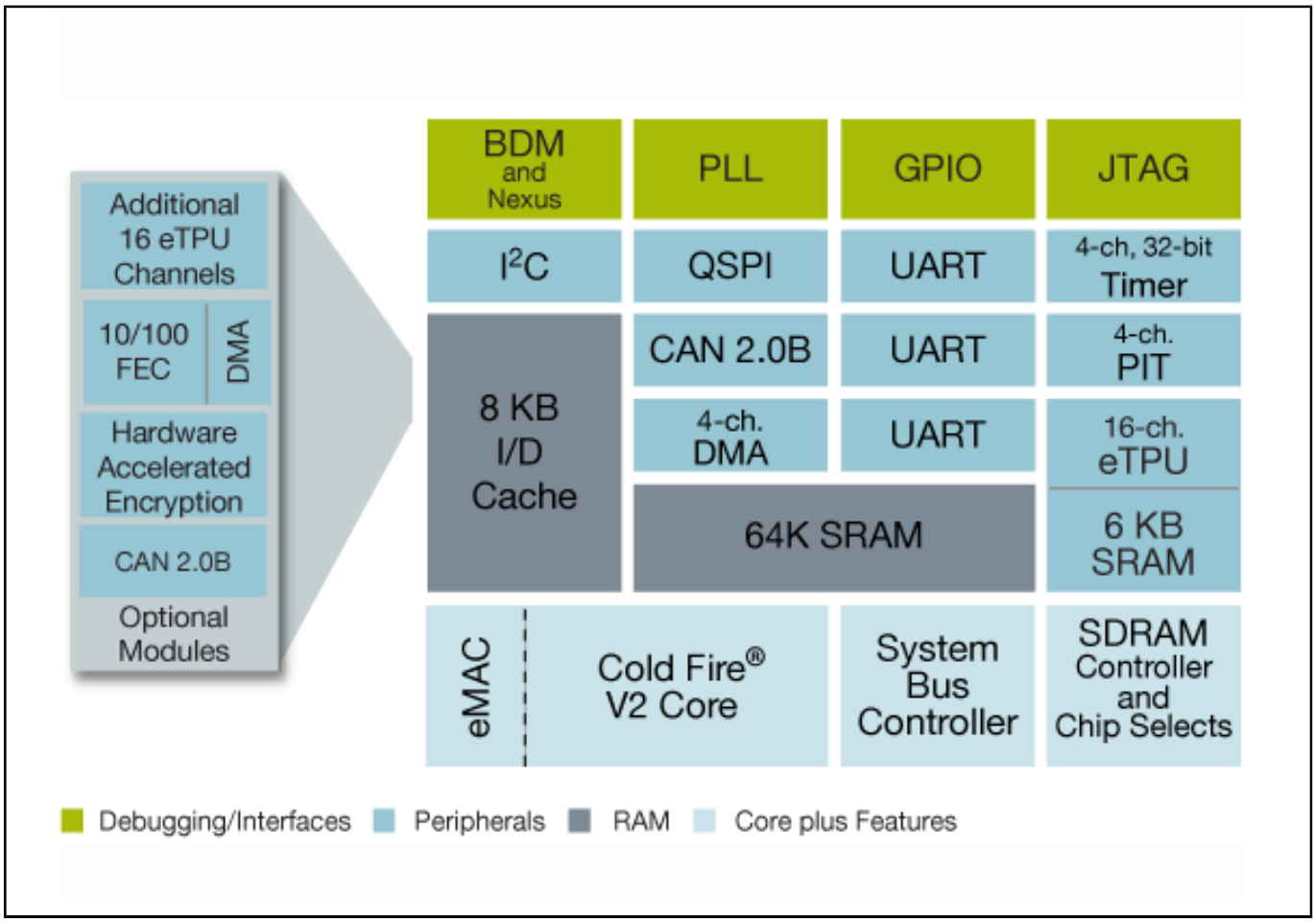
The MCF5235 ColdFire® V2 integrated microprocessor combines the popular ColdFire V2 core with a 16-channel enhanced time processing unit (eTPU), a 10/100 Ethernet MAC and other communications peripherals along with hardware-accelerated encryption. The mix of functionality in the MCF523x family addresses 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.