Integrated ColdFire® V2 Ethernet, CAN and Flash Microcontrollers

MCF528X

Not Recommended for New Designs

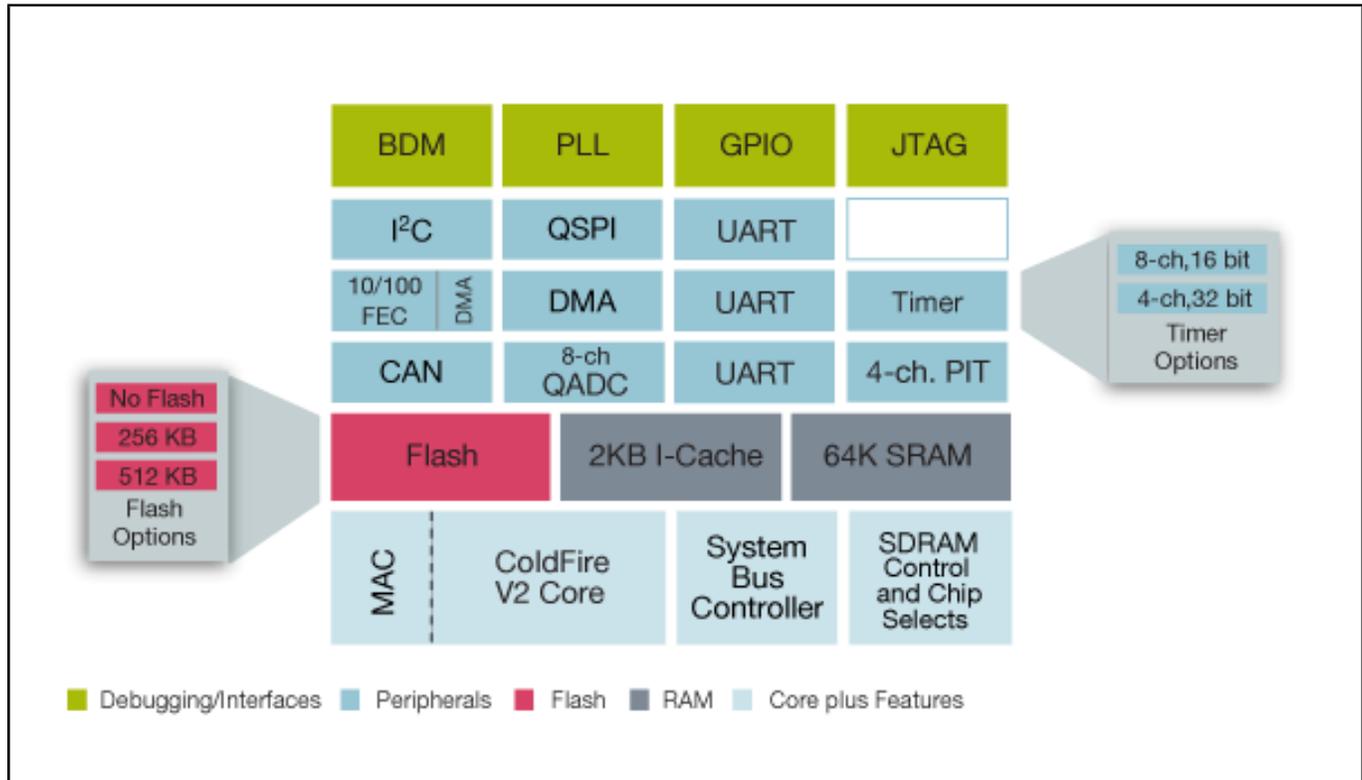This page contains information on a product that is not recommended for new designs.

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The MCF528X is a 32-bit microcontroller (MCU) family based on the ColdFire® V2 core and integrated with Ethernet, CAN and flash (except for MCF5280). These devices offer advanced communications features, a rich peripheral set and a variety of supporting software and development tools.

The MCF528X family is designed to simplify embedded Ethernet-networked MCU applications. With its integrated 10/100 Mbps Ethernet MAC and network-ready applications software, the MCF5280 can bring standards-based networking to a variety of traditional MCU applications including food service equipment, security systems, vending machines, exercise equipment and industrial controllers. Applications in all of these areas will benefit from networking functions such as web-based user interfaces, network time synchronization and router/gateway functionality for legacy serial protocols.

Available software with support for IP, UDP, TCP, ARP, DHCP, ICMP, SNTP, HTTP and TFTP protocols.

ColdFire MCF528X Microcontroller Block Diagram Block Diagram

View additional information for Integrated ColdFire® V2 Ethernet, CAN and Flash Microcontrollers.

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