



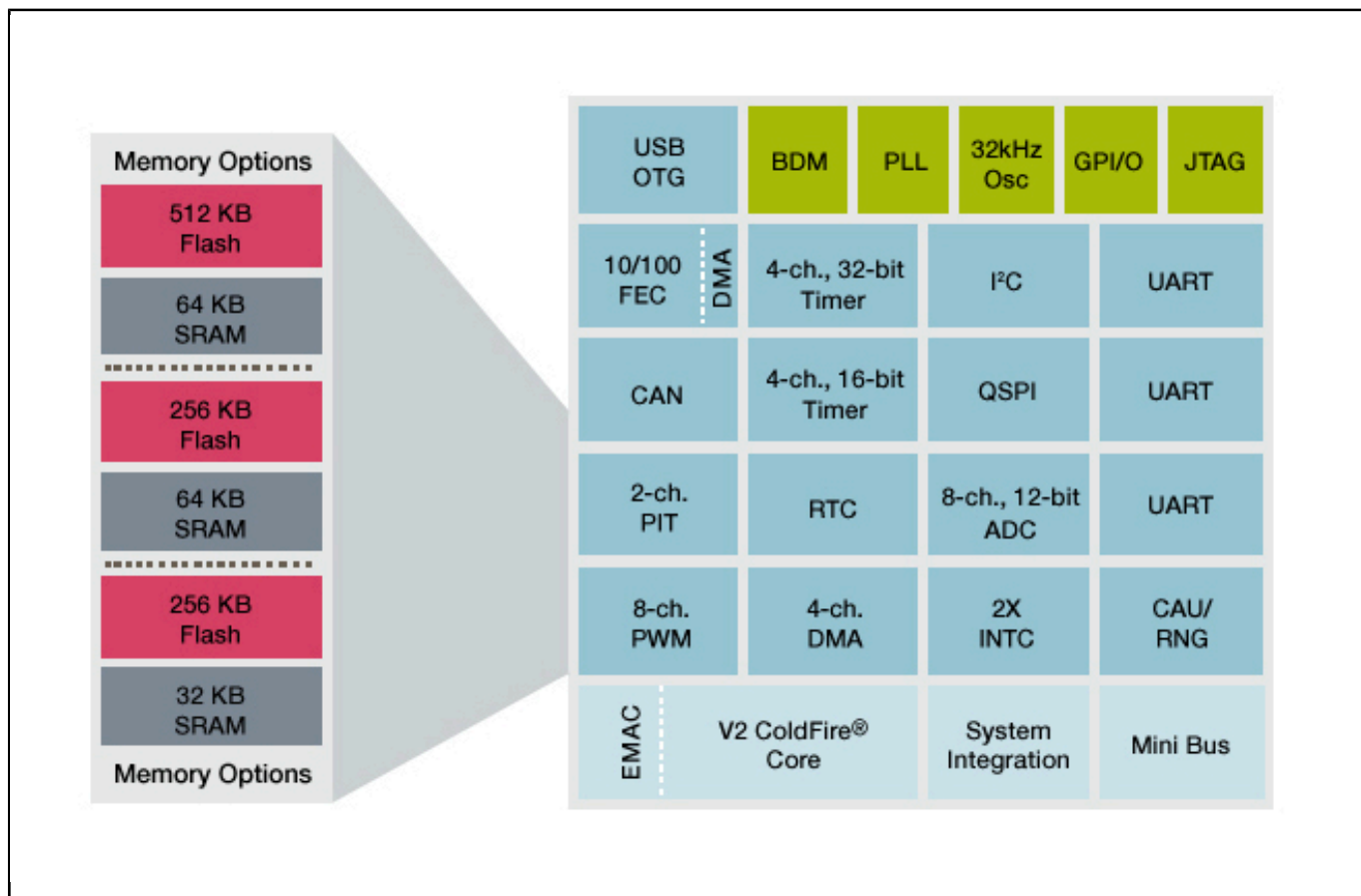
One-Stop-Shop Connectivity 32-Bit Microcontrollers

MCF5225X

Last Updated: Jan 8, 2026

The MCF5225x family consists of highly integrated devices with on-chip USB, Ethernet, CAN and encryption functions featuring the complete MQX™ RTOS software at no additional cost. This solution is ideal for factory automation, building control and medical applications.

ColdFire MCF5225X Microcontroller Block Diagram Block Diagram



View additional information for [One-Stop-Shop Connectivity 32-Bit Microcontrollers](#).

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. © 2026 NXP B.V.