



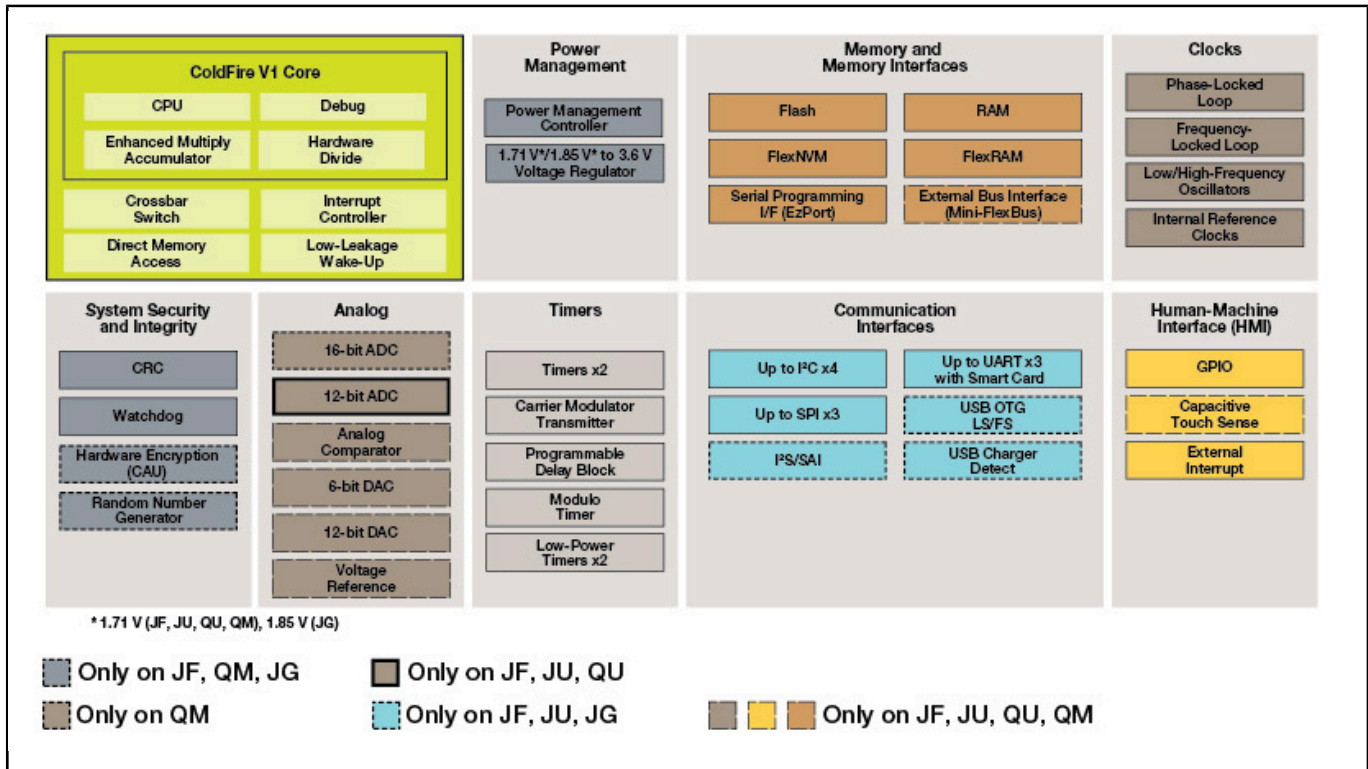
ColdFire+ Qx Family

MCF51Qx

Last Updated: Apr 9, 2022

The ColdFire®+ MCF51Qx portfolio is defined by two families (QM and QU) that scale from 32 KB to 128 KB of flash with innovative FlexMemory, configurable embedded EEPROM. Featuring ultra-low-power capabilities in small 5 x 5 mm footprint packages, the MCF51Qx family also offers a rich combination of peripherals including high-accuracy 16-bit analog-to-digital converter (ADC), hardware encryption, an innovative touch-sensing interface and more. These features make this a highly integrated, cost-effective 32-bit microcontroller solution for consumer and industrial applications. Both ColdFire+ MCF51Qx families are software and pin-compatible with each other as well as the ColdFire+ MCF51JF and MCF51JU families to maximize code re-use and shorten development time and investment.

ColdFire MCF51Jx/Qx Block Diagram Block Diagram



View additional information for [ColdFire+ Qx Family](#).

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.