32-bit Microcontrollers

MPC533

建议不要在新设计中使用该软件
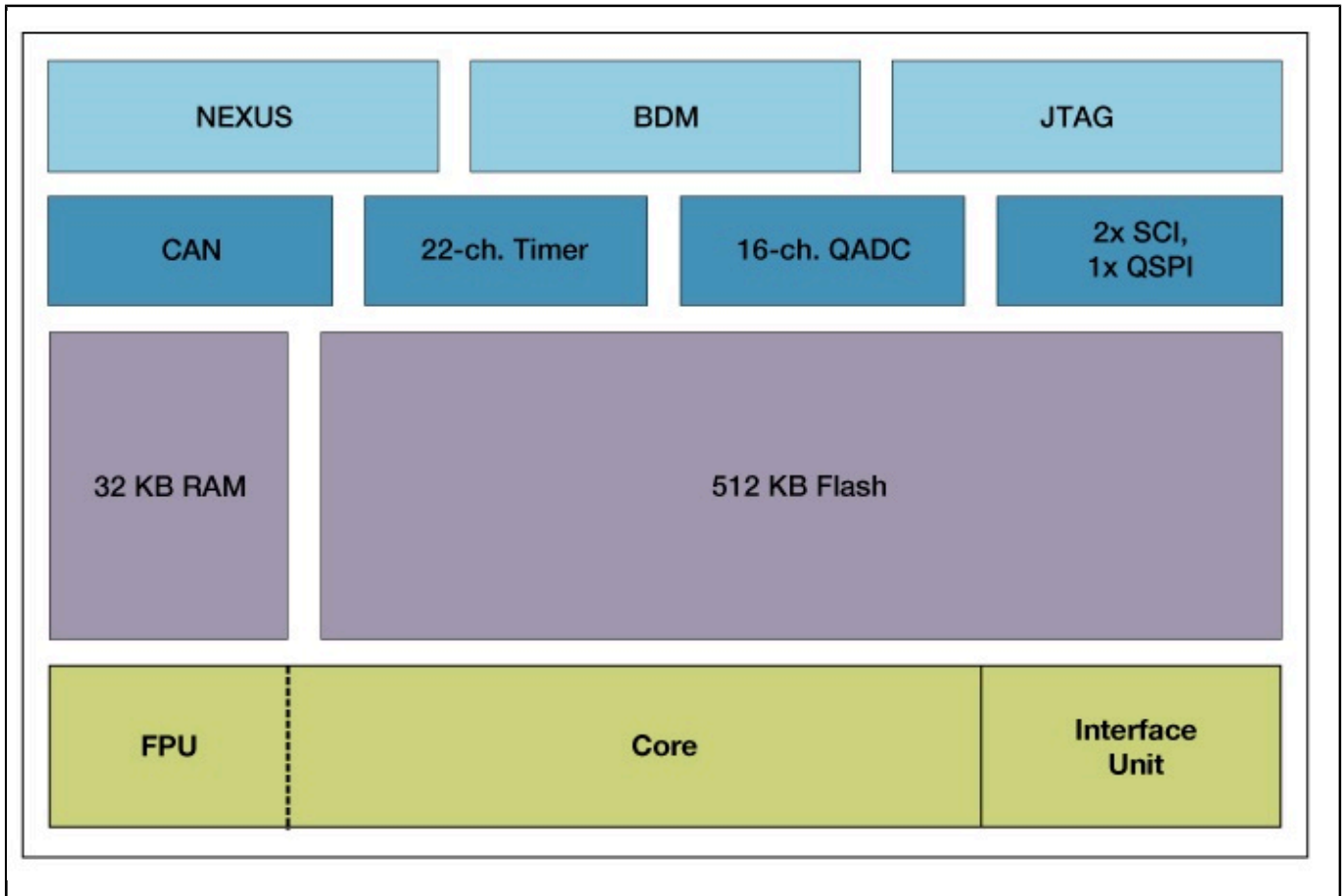建议不要在新设计中使用本页介绍的产品。

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The advanced Power Architecture® MPC533 32-bit embedded microcontroller from NXP® is a solution for complex, real-time control applications that demand consistent, reliable performance in a wide range of environments.

This advanced microcontroller is ideal for cost-sensitive applications that are computationally intensive (not I/O intensive) such as building control/security, health care monitoring equipment or manufacturing production. The MPC533 comes with a reduced peripheral set together with the performance of the 40 MHz Power Architecture core, floating point unit and 512 KB of flash memory, all for less money.

The MPC533 leverages a wide range of development tools and support software already available for this computing platform, thereby minimizing development time.

NXP also offers a multi-output power supply device, the MC33394, which provides the voltage levels and sequencing necessary to allow plug-and-play use of the MPC500 family.

MPC533 Block Diagram Block Diagram

NEXUS	BDM	JTAG

CAN	22-ch. Timer	16-ch. QADC	2x SCI, 1x QSPI

32 KB RAM	512 KB Flash

FPU	Core	Interface Unit

View additional information for 32-bit Microcontrollers.

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

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