



# 32-bit MCU for Automotive Powertrain Applications

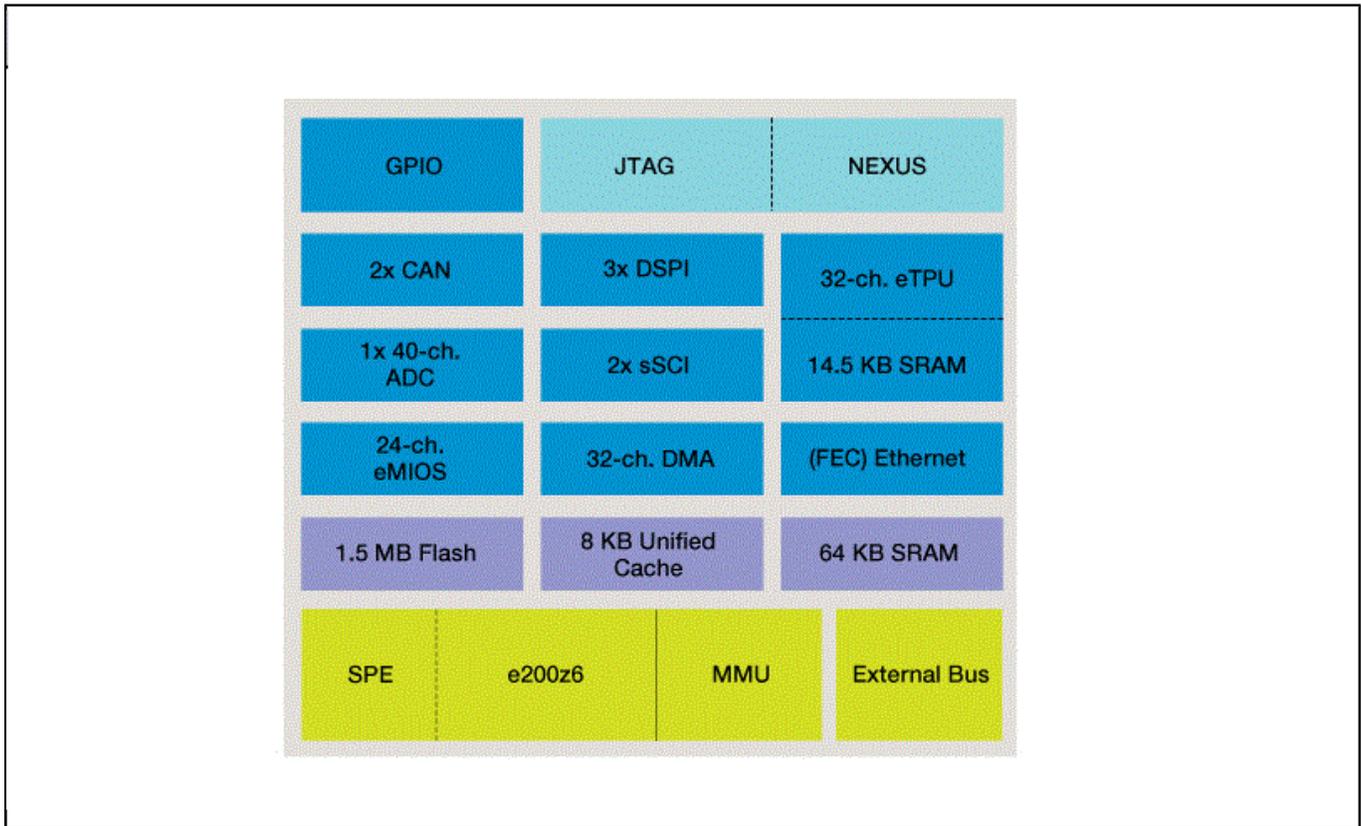
## MPC5553

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The NXP MPC5553 embedded controller provides an ideal solution for mid-range engine management applications and industrial uses cases requiring complex, real-time control.

- Includes on-chip fast Ethernet controller (FEC)
- Delivers system performance of up to five times that of its MPC500 predecessors
- Supports multiple protocols and customer requirements through intelligent subsystems
- Integrates more functionality on-chip for greater cost effectiveness
- Offers a migration path from the market-leading MPC500 family MCUs, facilitating reuse of legacy software architectures
- Simplifies and speeds designs through comprehensive development tools

## MPC5553 Block Diagram



View additional information for [32-bit MCU for Automotive Powertrain Applications](#).

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

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