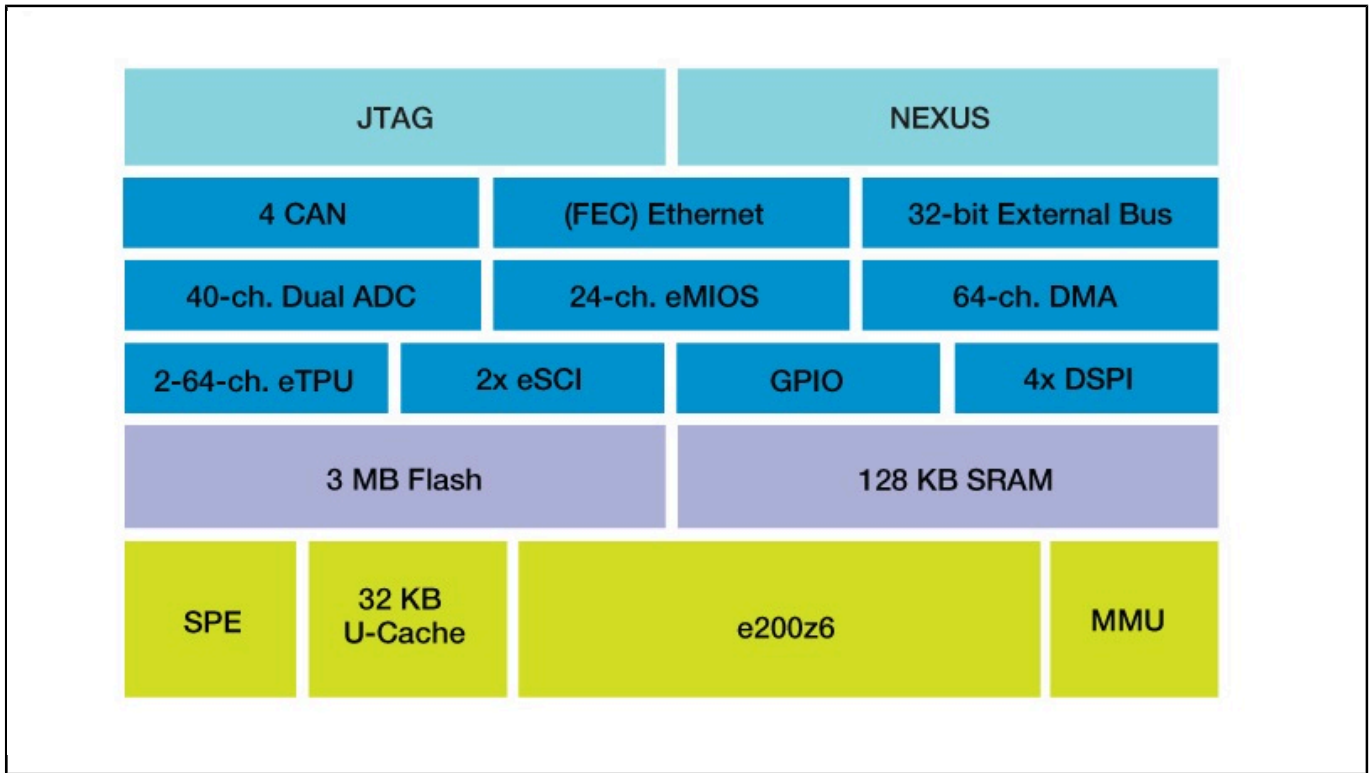# 32-bit MCU for Automotive Powertrain Applications

MPC5566

Last Updated: Jul 3, 2023

Designed for engine management, the NXP® MPC5566 embedded controller provides developers with a cost-effective medium to support more sophisticated, memory-intensive timing and control functionality.

- Helps increase fuel efficiency and improved emissions
- Allows more advanced engine control systems to be deployed
- Enables easy migration to next-generation 3 MB flash-embedded controllers
- Offers system performance of up to five times that of its MPC500 predecessors
- Ideal for any application that requires complex, real-time control
- Qualifies for the harshest automotive environments
- Pin-and code-compatible with other MPC5500 family MCUs

MPC5566 Block Diagram 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.