Ultra-Reliable MPC574xP MCU for Automotive and Industrial Safety Applications

MPC574xP

Last Updated: Mar 12, 2024

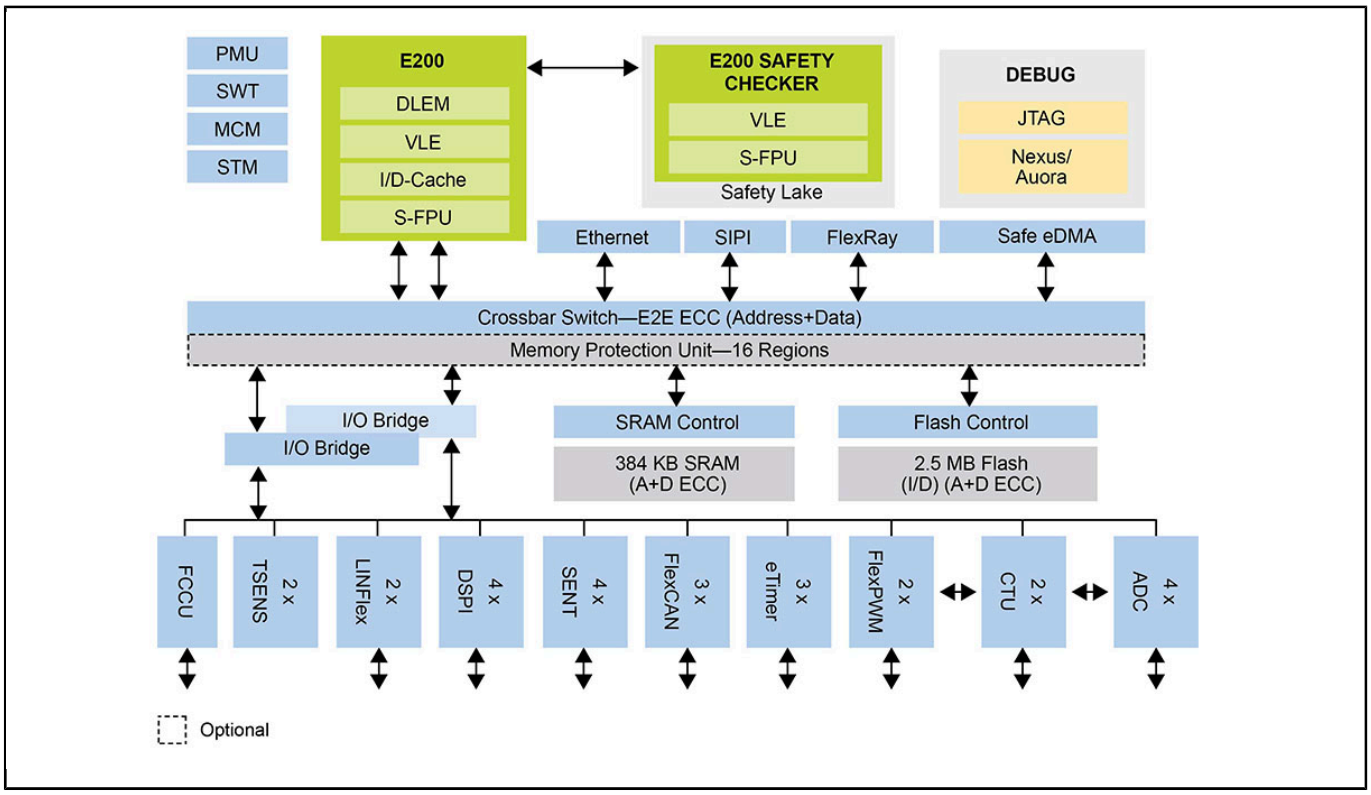
The MPC574xP MCU family features a 32-bit embedded Power Architecture®. It meets the highest functional safety standards for automotive and industrial functional safety applications.

- Integrated safety architecture minimizes additional software and development churn
- Programmable Fault Collection and Control Unit (FCCU) monitors the integrity status of the device and provides flexible safe state control
- End-to-End Error Correcting Code (e2eECC) improves fault tolerance and detection
- Part of the SafeAssure® program, helping manufacturers achieve functional safety standard compliance

Full-featured devices to get started with SW development:

- SPC5744PFK1AMLQ9 (144LQFP package)
- SPC5744PGK1AMMM9 (257MAPBGA package)

NXP MPC574xP Block Diagram Block Diagram



View additional information for Ultra-Reliable MPC574xP MCU for Automotive and Industrial Safety Applications.

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