



# Ultra-Reliable MPC56xS MCU for Automotive and Industrial Instrument Clusters

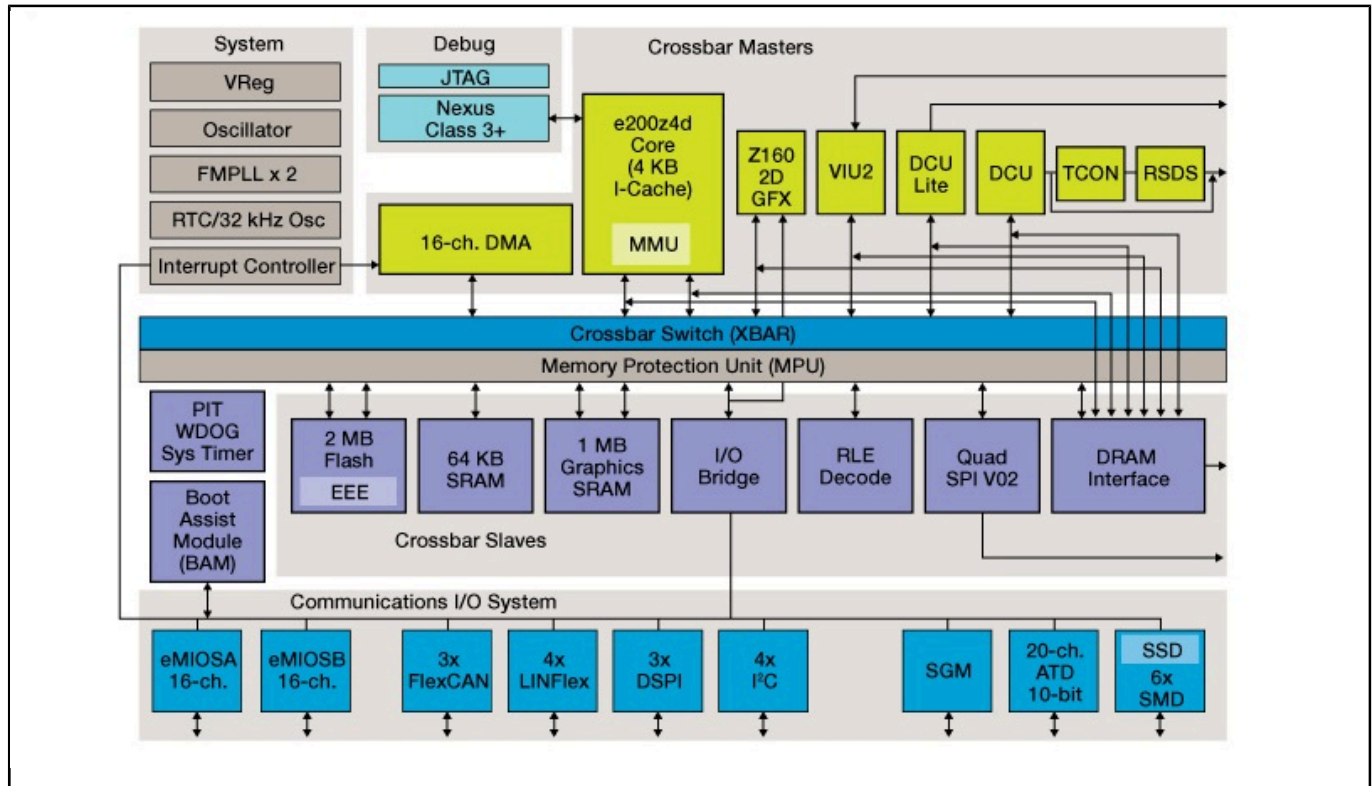
## MPC564xS

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The NXP® MPC564xS family of MCUs targets the needs of automotive instrument cluster and industrial markets.

- Includes on-chip display control units that directly drives the TFT displays
- Low-power design enables dynamic power management of core and peripherals
- Offers an industry standard graphics accelerator to help drive sophisticated graphics (e.g., simulated instrument cluster needles or image warping for heads-up displays)
- Offers code compatibility with applications in the MPC560xS environment
- Supported by robust enablement ecosystem to simplify and accelerate development

## MPC564xS Block Diagram Block Diagram



View additional information for [Ultra-Reliable MPC56xS MCU for Automotive and Industrial Instrument Clusters](#).

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

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