



# Digital Signal Controller for Auto and Industrial Applications

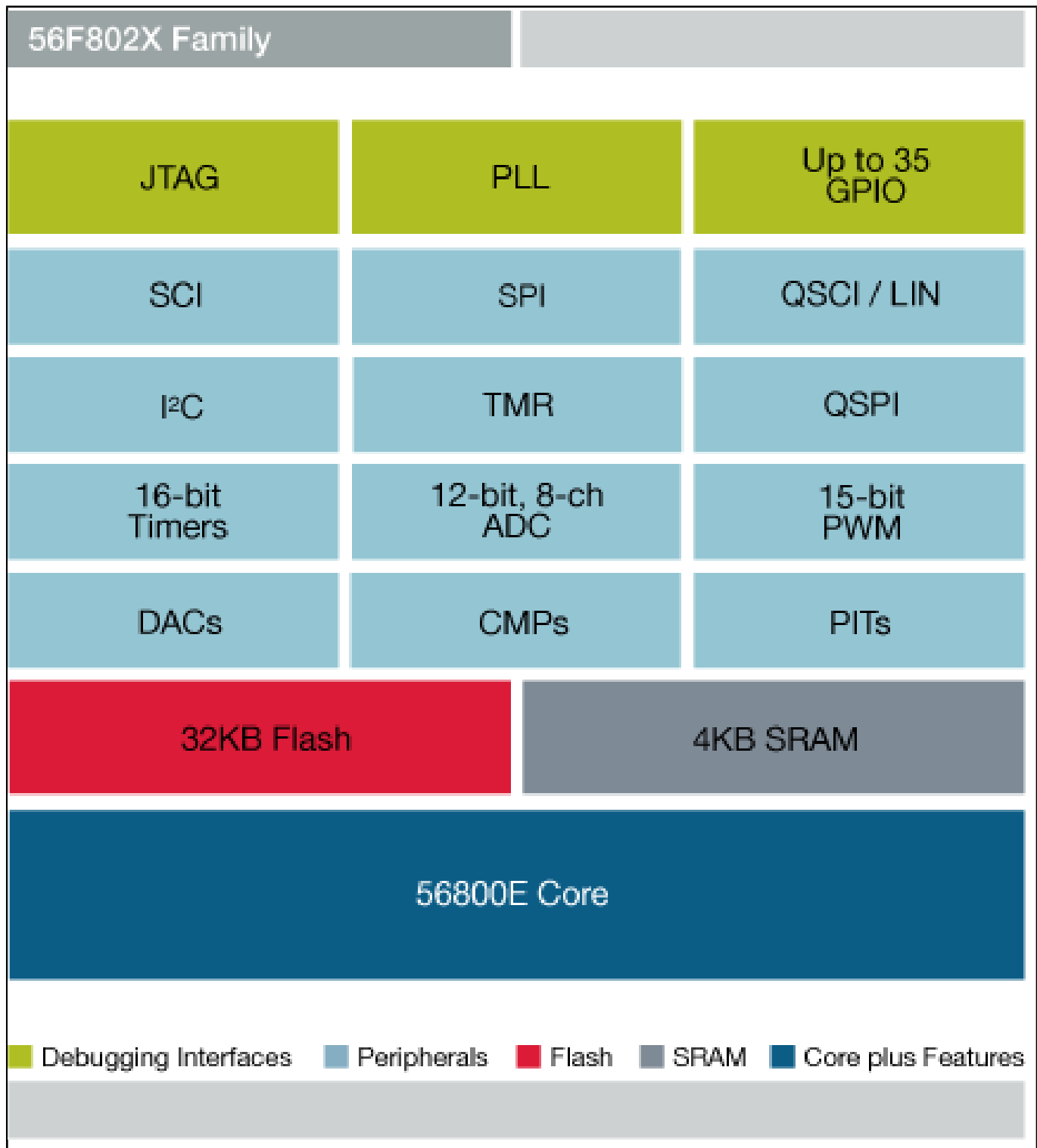
## 56F802X

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NXP® 56F802X digital signal controllers belong to the 56800E core-based DSC family. It combines digital signal processing and microcontroller functionalities on a single chip, with a flexible set of peripherals.

- Supports industrial lighting and motor control, home appliances, inverters, smart sensors, fire and security systems, switched-mode power supply, power management and medical monitoring
- On-chip integration and ease of implementation help to speed development, lower component count, and significantly reduce system cost
- Supported by robust development tools to simplify and accelerate time-to-market

## 56F802X Digital Signal Controller Block Diagram



View additional information for [Digital Signal Controller for Auto and Industrial Applications](#).

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

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