



# Digital Signal Controllers

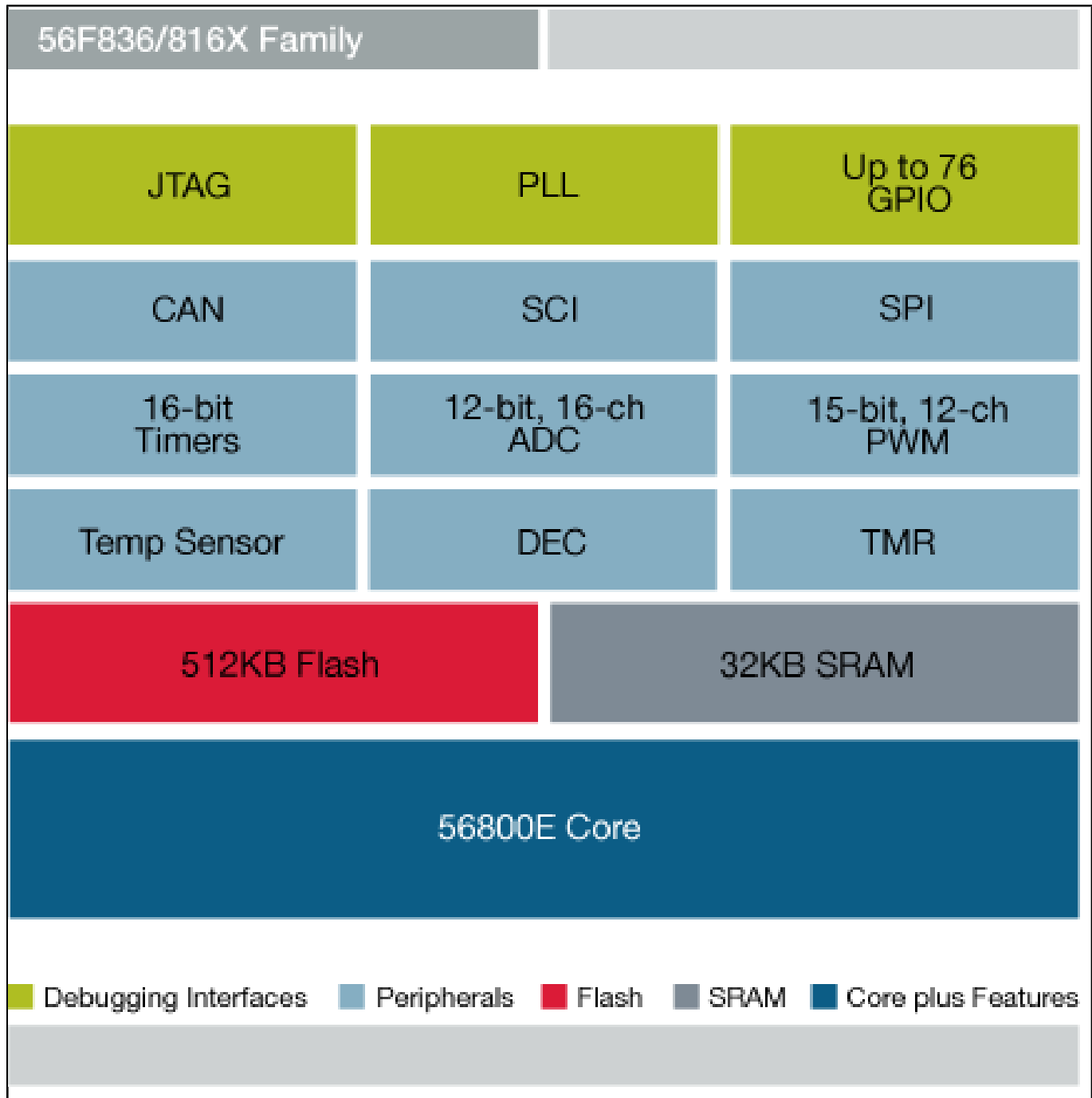
## 56F836X-816X

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NXP® 56F836X and 56F816X digital signal controllers belong to the 56800E core-based DSC family. They combine digital signal processing and microcontroller functionalities on a single chip, with a flexible set of peripherals.

- On-chip integration and ease of implementation help to speed development, lower component count, and significantly reduce system cost
- Simplifies designs while promoting compliance with safety regulations
- Supported by robust development tools to simplify and accelerate time-to-market

## Freescale 56F836X/816X Digital Signal Controller Block Diagram Block Diagram



View additional information for [Digital Signal Controllers](#).

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

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