



# MC56F8006 and MCF56F8002 Digital Signal Controllers

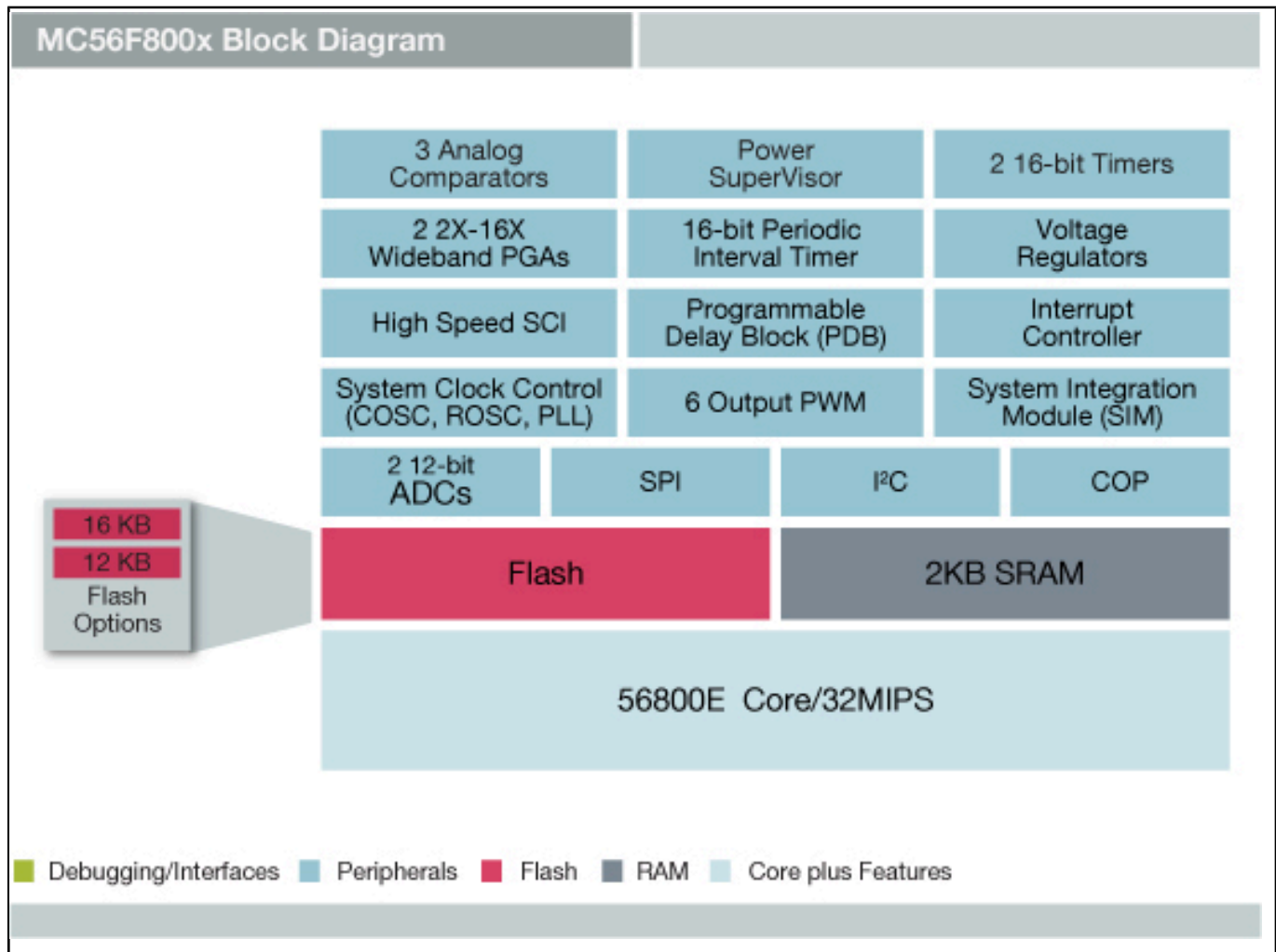
## 56F800x

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The NXP® MC56F800x family of digital signal controllers (DSCs) offer the functionality of a microcontroller with a flexible set of peripherals. The entry-level MC56F8006 and MCF56F8002 DSCs provide cost-effective solutions for mathematically intensive, power-sensitive, real-time control applications.

- Integrated peripheral set improves performance while reducing external component count and overall costs
- Includes sophisticated power management features
- Allows for straightforward generation of efficient, compact DSP and control code
- Cost-effective development tools simplify and accelerate time-to-market

## MC56F800x Digital Signal Controller Block Diagram



View additional information for [MC56F8006](#) and [MCF56F8002](#) Digital Signal Controllers.

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

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