



# Digital Signal Controller

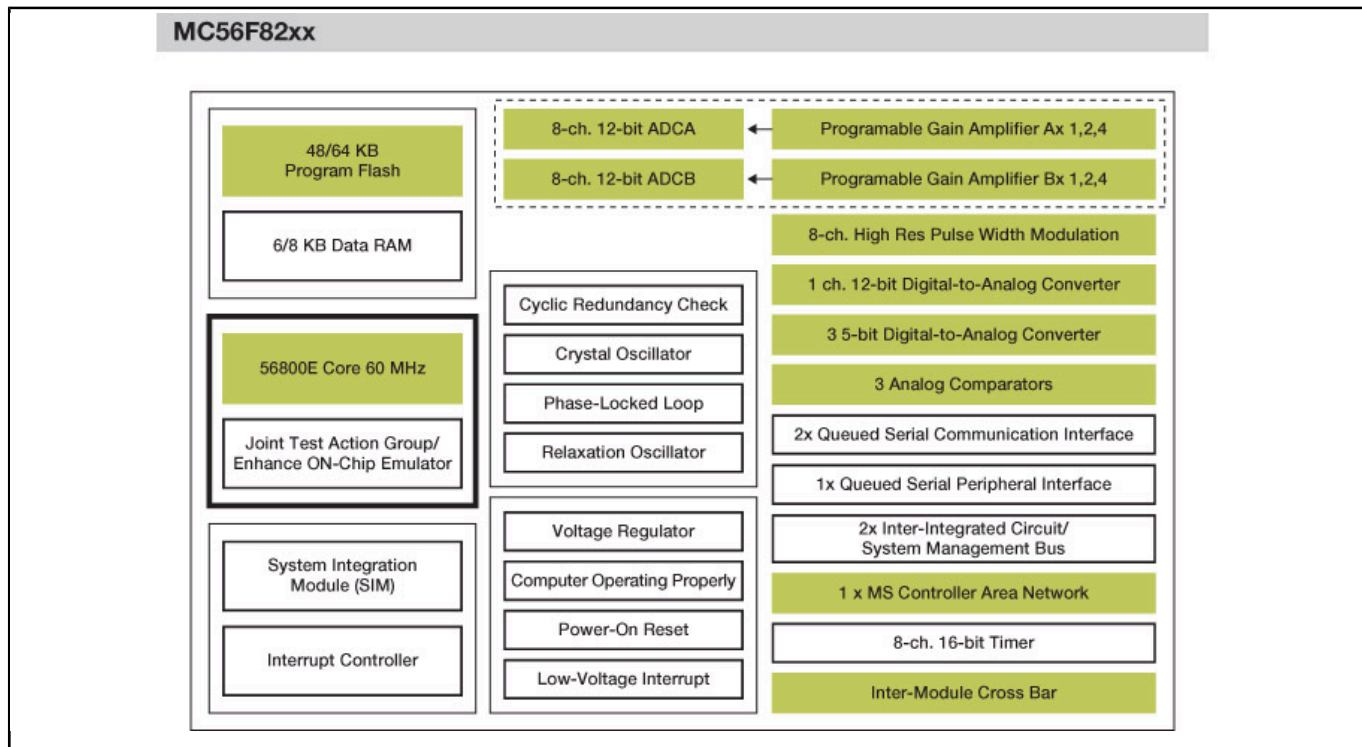
## 56F824X\_825X

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The NXP® MC56F825x/MC56F824x is a member of the 56800E core-based family of digital signal controllers (DSCs). It combines DSP processing power and microcontroller functionality on a single chip, with a flexible set of peripherals.

- Offers an ideal fit for power conversion and motor control applications as well as other consumer and industrial applications
- Provides a low-cost solution with configuration flexibility and compact program code
- Includes fast, powerful peripherals that precisely measure and modulate power
- Supported by robust development tools to simplify and accelerate time-to-market

# 56F824X/825X Digital Signal Controller Block Diagram



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

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

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