



# 性能级数字信号控制器, **USB FS OTG,** **CAN-FD**

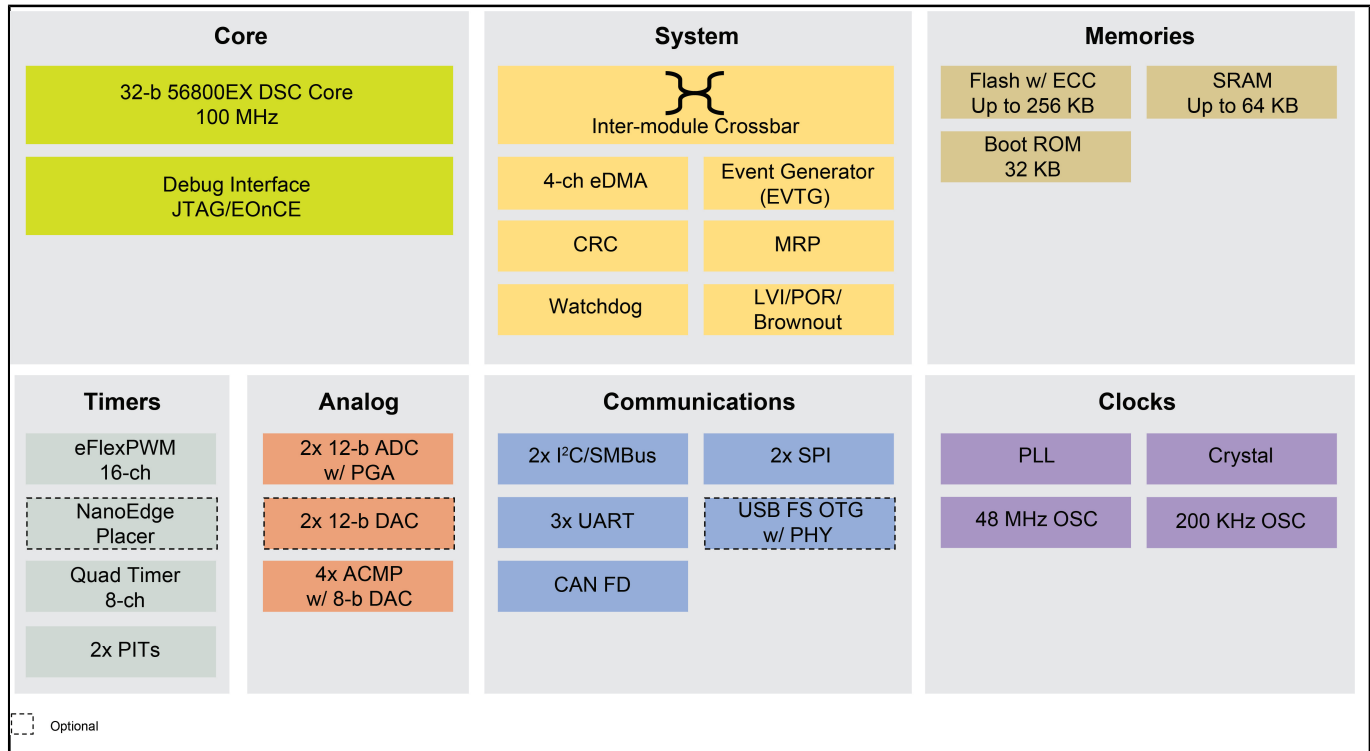
## **MC56F83xxx**

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MC56F83xxx系列是恩智浦性能级数字信号控制器产品，也是全球首款集成了USB和CAN-FD的DSC产品。它利用高性能56800EX DSP内核，其核心和总线频率高达100MHz。另外，该产品还集成了各种高性能外设，将DSC性能扩展到最高水平，非常适合高性能数字电源转换和高性能单/双电机控制应用。MC56F83xxx系列是恩智浦首款支持双分区闪存、闪存ECC、USB、CAN FD和启动ROM的DSC产品。MC56F83xxx系列还具有许多增强功能，包括增强型DMA功能(eDMA)、更灵活的事件发生器(EVTG)、低功耗高速ADC、扩展型RAM大小和高达16通道高分辨率PWM。

如需了解更多信息和样品供货情况，请联系当地的恩智浦销售办事处或恩智浦授权代理商。

# MC56F83xxx Digital Signal Controllers Block Diagram Block Diagram



View additional information for [性能级数字信号控制器](#), [USB FS OTG](#), [CAN-FD](#).

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