



# S12XA汽车和工业微控制器(MCU)

## S12XA

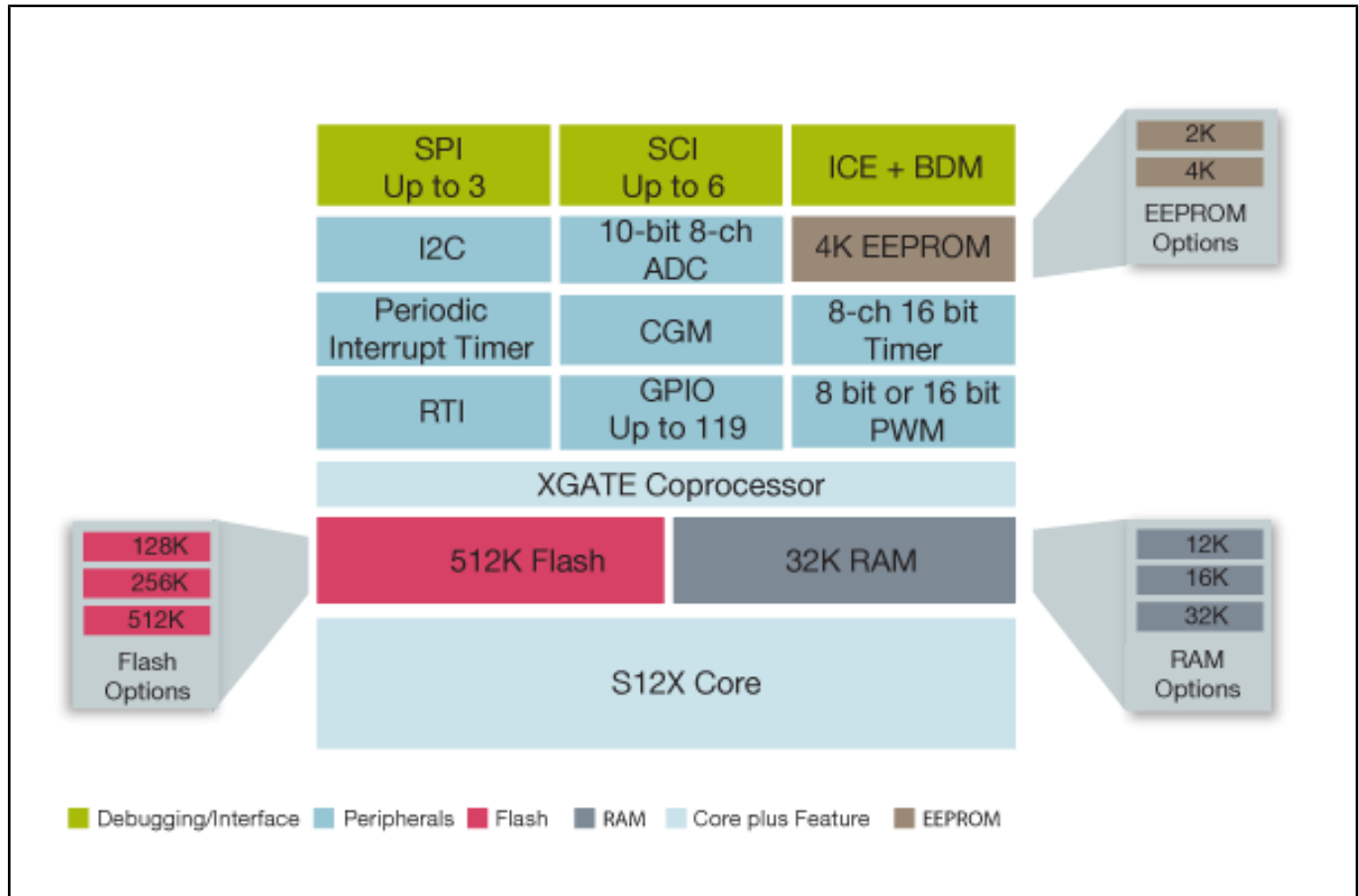
Last Updated: Apr 9, 2022

S12X MCU系列保留了恩智浦现有16位HCS12 MCU系列用户所享有的高性价比、低功耗、卓越的EMC性能和高效的代码等优势。

S12X系列基于增强型HCS12内核，可提供比25 MHz HCS12高1至4倍的性能，同时保留了与HCS12的引脚和代码高度兼容。

S12X系列引入了可提高性能的XGATE模块。这个并行处理模块采用增强型DMA功能，在外设模块、RAM和I/O端口之间提供高速数据处理和传输能力，从而减少了CPU的负载。

## S12XA Microcontroller Block Diagram



View additional information for [S12XA汽车和工业微控制器\(MCU\)](#).

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