



8位通用MP MCU

S08MP

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S08MP16是一款低成本8位MCU，为各种工业和汽车应用提供安全、精确和经济的电机控制。作为无刷直流(BLDC)电机应用的理想的入门级解决方案，它具有一个8通道脉宽调制器(PWM)/flextimer模块，提供硬件死区时间插入、模拟比较器、可编程增益放大器和一个带PWM硬件触发功能的12位模数转换器(ADC)。S08MP16还配有独立时钟源的COP和循环冗余校验(CRC)引擎，可为执行IEC60730标准的、有较高安全要求的应用提供时钟故障防护和存储器内容校验功能。

Freescale S08MP Microcontroller Block Diagram Block Diagram

SPI	16 KB Flash		13-ch., 12-bit ADC with Temperature Sensor
SCI	1 KB RAM		(6+2)-ch., 16-bit FlexTimer with PWM functions
I ² C	BDM/ICE		Programmable Gain Amplifier
RTC	CRC Generator	ICS	Programmable Delay Blocks (x2)
8-bit MTIM	KBI	COP/Watchdog	High-Speed Analog Comparators (x3)
5-bit DAC (x3)	S08 CPU Options		Packaging Options

View additional information for [8位通用MP MCU](#).

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