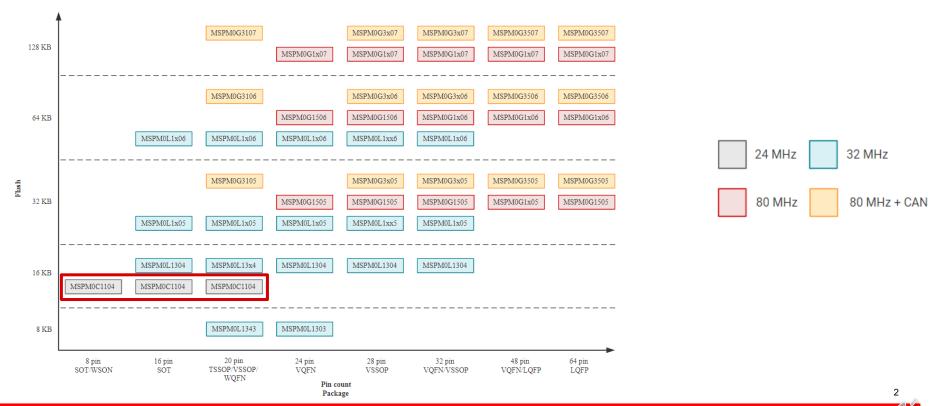
MSPM0C Series

Arm® Cortex® M0+ for 8/16bit cost-optimized applications Small, low-cost, & easy migration

Expanding our Arm® Cortex® M0+ portfolio



MSPM0C1103/4 product overview

Low cost

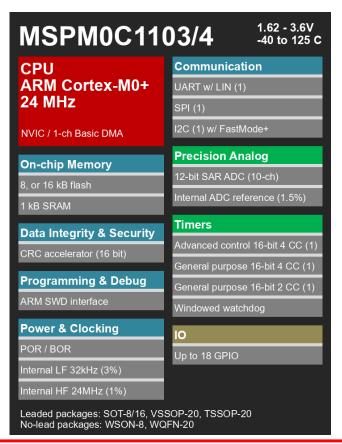
- Optimized cost structure
- Integrated peripherals: 12bit SAR ADC, LIN, advanced timer, etc.

Small package

- 8-pin QFN package: 2.0 x 2.0 mm², 0.50 mm pitch
- 8-pin SOT package: 2.8 x 2.9 mm², 0.65 mm pitch

Effortless Migration

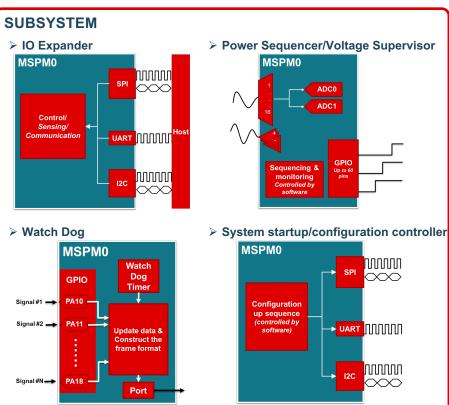
- P2P in hardware with both TI MSPM0 family and selected MCU vendors
- Simplified code migration



MSPM0 C-series MCUs | broad applications

24 MHz low-cost MCU with up to 16kB flash, 20 pins, 12-bit ADC



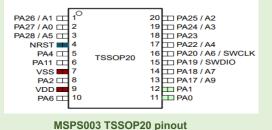


MSPM0 C-series MCUs | effortless migration

24 MHz low-cost MCU with up to 16kB flash, 20 pins, 12-bit ADC

Hardware

P2P with both TI MSPM0 family and selected MCU vendors



Software

Simplified code migration with header file replacement.

Library Components				
Compatible Documentation				
IDE Project Templates	Supported Peripherals			
	ADC1	AWU	BEEP	
	CLK	EXTI	FLASH	
API Compatible Drivers	GPIO	I2C	WWDG	
	UART1	RST	SPI	
	TIM1	TIM2	TIM4	

Improved performance

> 32 bit ARM Cortex M0+ core

8/16 bit replacement 24MHz frequency

> Faster communication

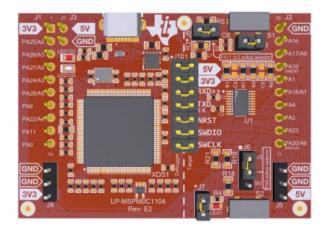
I2C	1 MHz Fast Mode Plus
SPI	12 MHz
UART	3 MHz

> Integrated peripherals

12 bit SAR ADC up to 10-ch 16 bit advanced timer

5

Start your design with MSPM0C now



LP-MSPM0C1104 Compact EVM available \$5.99

> MSPM0 Tl.com resource:

- MSPM0-SDK MSPM0 Software Development Kit (SDK)
- MSPM0 Academy Self-pace training module
- AN: Migration Guide From STM8 to MSPM0
- AN: Migration Guide From MSP430 MCUs to MSPM0 MCUs



MSPM0C1104

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