

Product Overview

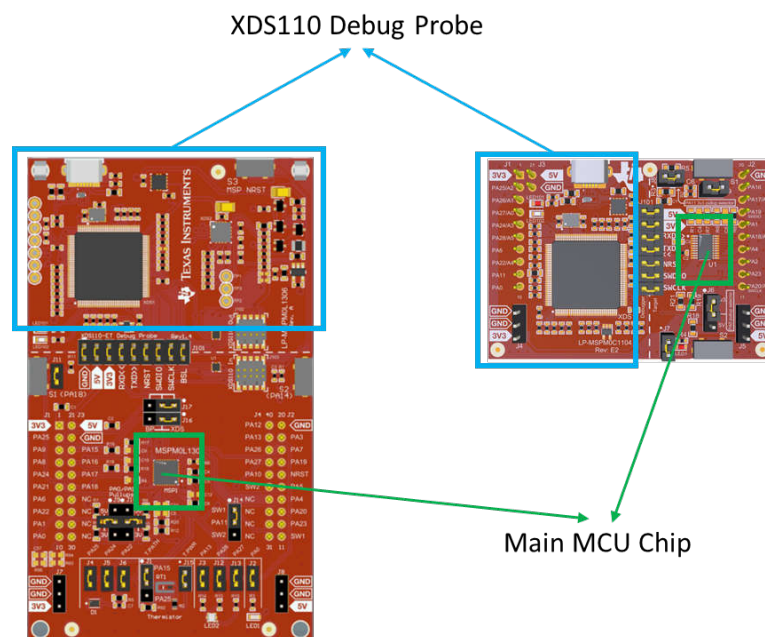
Launch a Whole MCU System With LP-MSPM0C1104 LaunchPad™



The MSPM0C1104 LaunchPad™ Development Kit ([LP-MSPM0C1104](#)) is an easy-to-use evaluation module for the [MSPM0C1104](#) microcontroller (MCU). The kit contains everything needed to start developing on the MSPM0C110x microcontroller platform, including onboard debug probe (TI XDS110 Debug Probe) for programming and debugging.

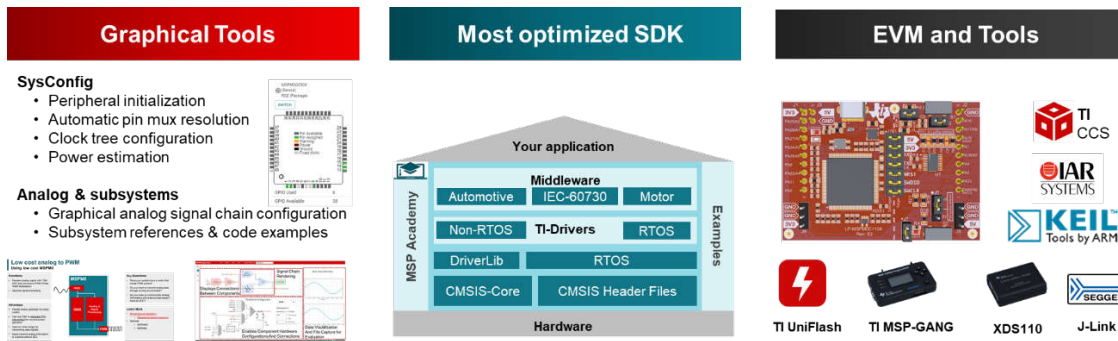
LP-MSPM0C1104 features:

- Small size:
 - A comparison of size between a normal size LaunchPad [LP-MSPM0L1306](#) (size @ 6cm × 10cm) and new LP-MSPM0C1104 (size @ 4cm × 6cm)
- High integrated:
 - Onboard XDS110 Debug Probe
 - Back-channel UART through USB to PC
 - USB powered
 - 20-pin BoosterPack™ Plug-in Module headers
 - RC filter for ADC input or PWM DAC output
 - 1 user button
 - 1 red LED
- Easy to use:
 - Plug-in and go, plug LP-MSPMC1104 into a PC with the provided USB cable, directly work with PC IDE and programming tools



LP-MSPM0L1306 (6cm × 10cm) vs LP-MSPM0C1104 (4cm × 6cm)

LP-MSPM0C1104 also belongs to the TI MSPM0 ecosystem, which can support customers from evaluation to production, covering full design stages:



MSPM0C1104 is an Arm® 32-bit Cortex®-M0+ CPU with frequency up to 24MHz. The device features 16KB of embedded flash memory combined with 1KB of on-chip RAM. This device includes an integrated 12-bit 866KSPS SAR ADC with 10 external channels.

MSPM0C is part of MSPM0 family portfolio, offers small (2mm × 2mm package), low-cost (<\$0.20 options), and easy migration features.

Small, low-cost, & easy migration A new standard for 8/16bit MCU applications

Simplify & cost optimize your design with our MSPM0C Arm® portfolio



Applications

- Battery charging and management
- Power supplies and power delivery
- Personal electronics
- Building security and fire safety
- Connected peripherals and printers
- Grid infrastructure
- Smart metering
- Communication modules
- Medical and healthcare
- Lighting

For more information, view the following TI.com product folders: [MSPM0C1104](#) page, [LP-MSPM0C1104](#) page.

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