



# MCU Bootloader for NXP Microcontrollers

## MCUBOOT

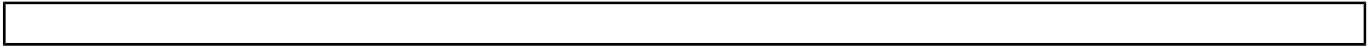
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The MCU bootloader is a configurable flash programming utility that operates over a serial connection on supported NXP MCUs. It enables quick and easy programming through the entire product lifecycle -- from application development to final product manufacturing and beyond -- for updating applications in the field with confidence.

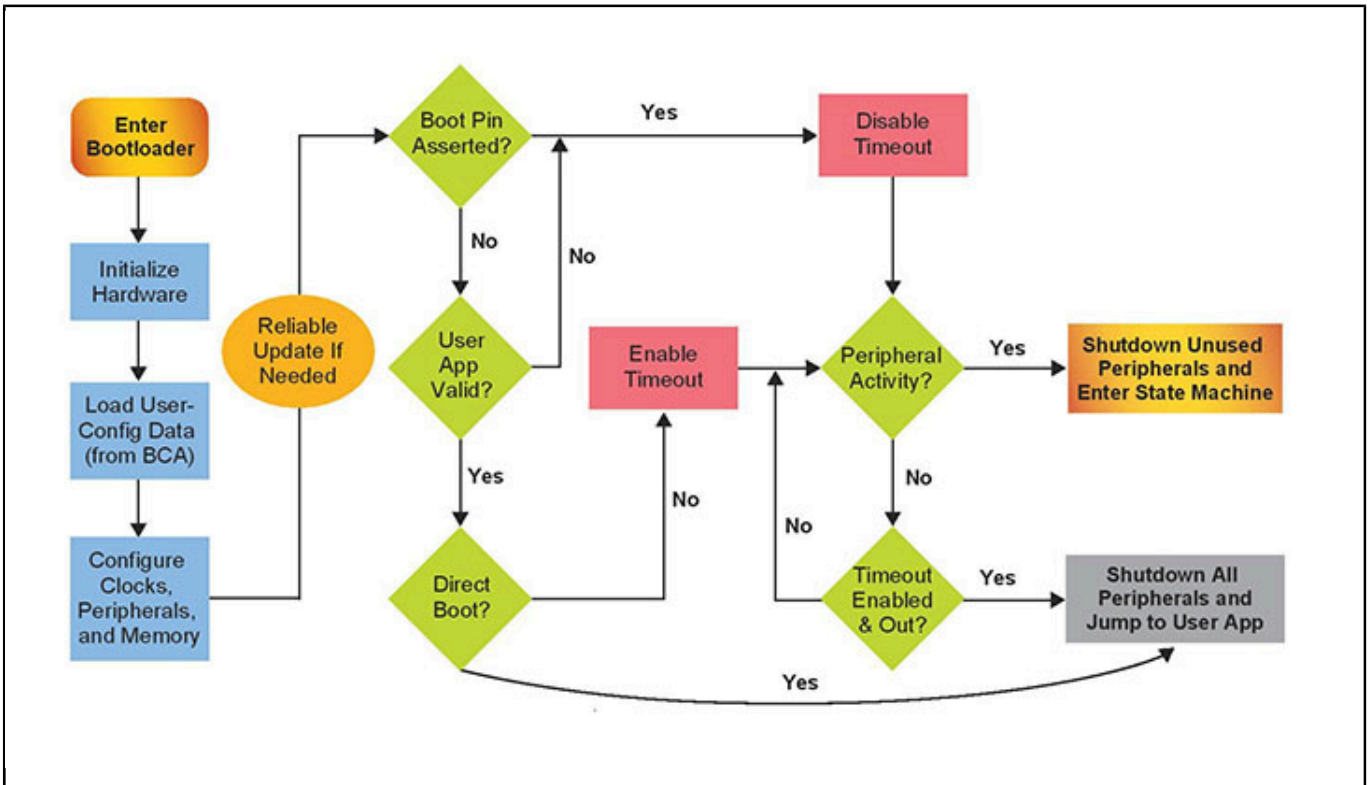
The bootloader is delivered in two ways: as full source code that is highly configurable; or pre-programmed by NXP® into ROM or flash on select NXP MCUs. Host-side command line and GUI tools are available to communicate with the bootloader. The MCU bootloader uses startup, header files, and peripheral drivers from MCUXpresso SDK.

NOTE: This bootloader was previously named Kinetis Bootloader (or KBOOT). It has been renamed to "MCU Bootloader" (or MCUBOOT). The legacy KBOOT downloads are still available on the MCUBOOT downloads tab.

## MCU Bootloader Block Diagram Block Diagram



## MCU Bootloader Startup Flow Diagram Block Diagram



View additional information for [MCU Bootloader for NXP Microcontrollers](#).

Note: The information on this document is subject to change without notice.

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