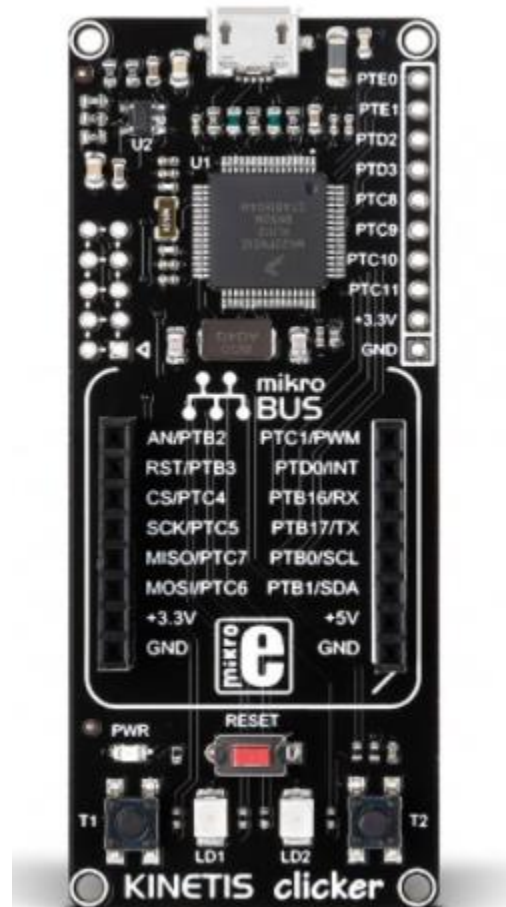


Kinetis Clicker

MIKROE-2330

Weight: 22 g



Kinetis clicker is an amazingly compact starter development kit which brings click board connectivity an NXP's Kinetis ARM Cortex™-M4 microcontroller.

Kinetis clicker is an amazingly compact starter development kit which brings click board connectivity an NXP's Kinetis ARM Cortex™-M4 microcontroller. The board features all you need to get started: a low power ARM Cortex™-M4 32-bit [MK22FN512VLH12](#) microcontroller, a USB connector, two LEDs and push buttons, reset button and headers for interfacing with external electronics.

Hundreds of possibilities with click boards. With mikroBUS™ socket, you can take advantage of the huge potential of [click™ boards](#), the constantly expanding range of over 200 add-on boards.

Programming. To make your prototyping experience as convenient as possible, Kinetis clicker is preprogrammed with a **USB HID bootloader**. Just download our mikroBootloader application and you're ready to upload your firmware. On-board **mikroProg for Kinetis** connector enables programming through external programmer/debugger.

Specifications

Applications	This compact board brings flexibility of click add-on boards to your favorite microcontroller, making it a perfect starter kit for implementing your ideas
Architecture	ARM (32-bit)
MCU	MK22FN512VLH12
MCU speed	150 MIPS, 120 MHz, 1.25 MIPS/MHz
MCU Memory	512 KB of Flash, 128 KB of RAM
On-board modules	1 x USB MINI-B connector, 2 x LEDs, 2 x push buttons, 1 x reset button
Programming	Preprogrammed with USB HID bootloader. Also features mikroProg for Kinetis connector.
Input Voltage	5V (via USB)