

STM32 M4 clicker



PID: MIKROE-1675

RS Product Code: 882-9036

STM32 M4 clicker is an amazingly compact starter development kit which brings innovative mikroBUS™ host socket to your favourite microcontroller. Board features all you need to get started: 32-bit STM32F415RG microcontroller, 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, STM32 M4 clicker is pre-programmed with a UART bootloader. Just download our mikroBootloader application and you're ready to upload your firmware. On-board mikroProg for STM32 connector enables programming through external programmer/debugger.

Specification

Applications	This compact board brings flexibility of click add-on boards to your favourite microcontroller, making it a perfect starter kit for implementing your ideas
Architecture	ARM (32-bit)
MCU	STM32F415RG
MCU speed	168MHz
MCU Memory	1024kB of Flash, 192kB of SRAM
On-board modules	1 x USB MINI-B connector, 2 x LEDs, 2 x push buttons, 1 x reset button
Programming	Pre-programed with USB HID bootloader. Also features mikroProg for STM32 connector
Expandability	mikroBUS socket
Power Supply	5V (via USB)
Weight	24g

Downloads

[STM32 M4 clicker Bootloader](#)

[STM32 M4 clicker Examples](#)

[STM32 M4 clicker User Manual](#)