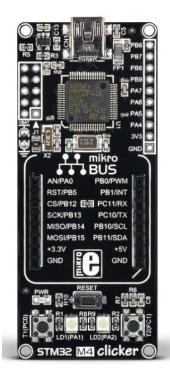




STM32 M4 clicker



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-programed 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