



CEC1302 clicker

CEC1302 clicker is an amazingly compact starter development kit which brings click board™ connectivity to the 32-bit ARM® Cortex®-M4 CEC1302 microcontroller with an integrated cryptographic engine. Connect the desired click board to enhance it with awesome features. It's preprogrammed with a fast USB HID bootloader. Use it to upload your firmware and clicker will become a working device. Board features all you need to get started: 32-bit CEC1302 microcontroller, USB connector, two LEDs and push buttons, reset button, mikroProg connector and headers for interfacing with external electronics.



Technical Specifications

Applications

This compact board brings flexibility of click boards to a microcontroller with an integrated cryptographic engine, making it a perfect starter kit for trying out its features.

Key features

- ▶ CEC1302 MCU, 128 KB SRAM, 32 KB boot ROM, 48MHz.
- ▶ USB Mini-B connector. Two LEDs, two pushbuttons, reset button.
- ▶ mikroProg connector and headers for interfacing with external electronics.



mikroBUS™ is specially designed pinout standard with SPI, I2C, Analog, UART, Interrupt, PWM, Reset and Power supply pins.

Key Benefits

- ▶ Multipurpose Cryptographic engine (AES, RSA, SHA)
- ▶ Single mikroBUS™ socket for adding click boards
- ▶ Small, affordable, yet powerful starter development kit
- ▶ Compact design with clear and descriptive silkscreen markings