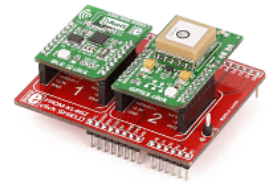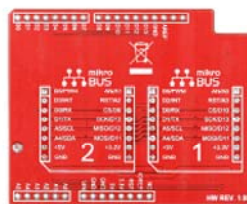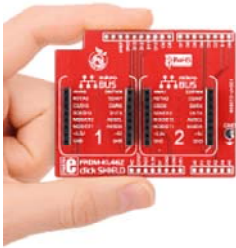**MikroElektronika**
DEVELOPMENT TOOLS | COMPILERS | BOOKS

FRDM-KL46Z click SHIELD

FRDM-KL46Z click shield is an extension for Freescale's FRDM-KL46Z development platform. It's a simple shield with two mikroBUS™ host sockets that allow you to interface more than 100 different types of click boards with the Kinetis L series KL4x MCU aboard FRDM-KL46Z. Quickly add functionalities like GSM, GPS, WiFi, ZigBee, Bluetooth, or thunder detection, proximity and color sensing and so on. The package includes two 1x8 headers, and single 1x10, and 1x6 headers.

FDRM-KL46Z click SHIELD - Schematic [250.27KB]

mikroBUS™ specification [99.59KB]

Technical Specifications

Applications

FRDM-KL46Z click shield allows you to use click add-on boards from MikroElektronika on Freescale's FRDM-KL46Z development platform.

Key features

Two mikroBUS™ host connectors for attaching click boards.

Oscillator probe

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

Key Benefits

Shield is designed to stay within dimensions of FRDM-KL46Z for smooter integration.

Brings click board connectivity to Freescale's Kinetis L Series KL4x

Click™ boards are plug-n-play

Simply pick the appropriate Click board and plug it into the mikroBUS socket to instantly add new functionality to your prototype. Communication, measurement, display, Real-time clock, GSM, GPS, you name it! We have a Click board for almost anything you need.

microSD click

ADC click

DIGI POT click

RS485 click 5V

MP3 Click

CUSTOMIZATION: We can modify our products to suit your requirements, click here for details.

MIKROE-1795   **FRDM-KL46Z click SHIELD**

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