

## RA Ecosystem Partner Solution Mikroe RA4M1 Clicker



### Solution Summary

The RA4M1 Clicker is an amazingly compact starter development kit which brings the innovative mikroBUS™ host socket to your favorite microcontroller. This board features all you need to get started: 32-bit R7FA4M1AB3CFM microcontroller, J-Link OB, USB connector, two LEDs and push buttons, reset button and headers for interfacing with external electronics. Out-of-box support is now available for the [RA family of MCUs](#).

### Features/Benefits

- mikroBUS™ socket and hundreds of possibilities with Click boards™
- Small, affordable, yet powerful starter development kit
- Mounting holes simplify integration
- Compact design with clear and descriptive silk screen markings
- USB Type-C connector, two LEDs, two push buttons, reset button, onboard debug probe.

### Diagrams/Graphics

## Click boards™

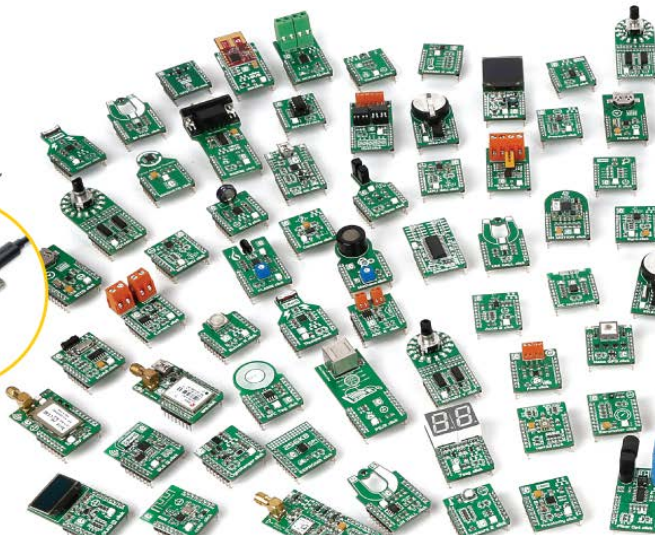
THOUSANDS OF POSSIBILITIES

- Mikroe standardized add-on boards
- **over 900 Click boards™** available
- **the fastest way of prototyping**
- all kinds of sensors and transceivers, mixed-signal, wireless connectivity, storage, interface, displays, human-machine, adapter, clock and timing, motor control, power management, audio and voice, click shields – **you name it, we got it.**



[www.mikroe.com](http://www.mikroe.com)

MIKROE



### Target Markets and Applications

- Industrial Controls
- Smart Home
- Home Appliance
- Smart Buildings
- Consumer Electronics
- Rapid prototyping / proof of concept solutions
- Education

# MIKROE

Mikroe is a company, founded in 2001, that produces entire development toolchains for all major microcontroller architectures. Time-saving embedded tools is what we create on a daily basis. Through our commitment to excellent, reliable and fully equipped hardware and software products, we aim to help fellow engineers get the job done quickly. We believe that in the world that is rapidly changing, making a positive impact should be on everyone's mind.

Our devotion to perfection knows no bounds and our product lines are designed to speed up the development processes because your work matters! We design premium products for engineers, because we firmly believe that work should be enjoyable. Introducing a higher quality to your working life and helping you get more free time is in the core of our designs.



We continue honoring the challenge we gave to ourselves – one product per day! By following this daily task we have managed to develop more than 1700 products, and counting. Our most famous product line is the revolutionary add-on boards named Click boards™, and we have created over 900 of them.

Log on to Mikroe's website, every working day at 10 AM CET and find out what the newest product is that we have released. Whether you are an experienced engineer, student, beginner or enthusiast, you can find all the necessary tools for your project to stand out. Getting the results faster but with uncompromising quality is our number one priority. Join us on our path to embedded excellence. The journey is challenging yet extremely fun, and the destination is closer than you might think

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