## Software solutions for busy embedded system engineers





he mikroC compilers for 7 different MCU architectures and integrated GUI builder for embedded platforms are designed to let you focus on the big picture and eliminate all the small trivial tasks that fill you with dread. No need to sink hours poring through data sheets just to get the basic chip up and running, we already did that for you. Mikroe tools will bore a tunnel through the mountain of chores that stand between your most important ideas and their execution.

Rely on us. Being on the market since 2004 means we have years of experience in bringing the most advanced solutions in the industry. We are experts in providing you with intuitive and reliable tools for rapid development, greatly cutting time to market.

Use our resources. Choose from over 1200 libraries. mikroC offers a unique mechanism for easy use of fully documented libraries which allows a quick start in embedded programming. Every single library in our compilers is covered by a working example. Thousands of ready-made working examples are there to help you understand how the library works or give you useful code snippets for your project.

Find working examples, or post yours for the community. Working on something interesting, "going off the beaten path" or developing new libraries? Chances are someone already shared working example or library for it on our Libstock website. There is even a request button. Check out <a href="https://www.libstock.com">www.libstock.com</a>

Get all the support you need from our Support team. Our Support engineers and Sales experts are ready to answer all your questions within minutes. The live chat is available from 09:00 until 5:30 CET, every working day. Since recently, we have the Premium Technical Support service available to all our clients – learn more on our website.

Join the Forum. The community of Mikroe enthusiast is thriving! The Forum consists of all our core users, over 40.000 of them. They cooperate every day, producing hundreds of thousands of posts. Our community is welcoming and open to anyone. People from all over the world are there right now discussing projects, solving problems and sharing experiences.

## Why choose mikroC?

An abundance of supported MCUs. Whether you are working on a compact 8-bit architecture or a powerful ARM core, each compiler comes loaded with supported MCUs.

**In-Circuit Debugging.** MikroC has native support for hardware step-by-step In-Circuit Debugger when used with Mikroe programmer (whether on-board or a standalone version).

Hardware enables you to execute your program on the host microcontroller while observing variable values, MCU Registers, RAM, CODE and EEPROM memory on every code line.

All standard debugging options are supported Step-over [F8], Step-into[F7], Step-out[Ctrl+F8], Run[F6], Run To Cursor[F4] as well as advanced breakpoint.

**Powerful IDE with clear UI and built-in additional tools.** Timer Calculator, Unit Converter, ASCII chart, bitmap editor, HID terminal, 7-segment editor and much more.

Visual TFT integrated. The integrated GUI builder gives you a streamlined workflow. Simply drag and drop graphic elements while the compiler automatically generates the code in the background. Modify the generated code in the compiler and create touchpanel events. Seamlessly switch between designing and coding using keyboard shortcut F12. Try it out for yourself and create fully functional GUIs with just a few clicks. And don't worry about the code, the compiler will take care of that.

Although the Visual TFT comes fully functional with compiler setup, for more advanced designs you will need to acquire the Visual TFT license separately. That is why we prepared a 30% discount on the Visual TFT software if you purchase it with the compiler.

Compatible with Mikroe HW toolchain. Development boards, Clicker and Clicker 2 Starter kits, CODEGRIP programmer/debugger, and hundreds of Click boards™ are all supported by the mikroC compilers.

**Comprehensive Licensing Options.** Choose a license plan that answers your needs. License code, USB Dongle License, and Site License are available for purchase.