

## mikroLab for AVR

MIKROE-2013



### OVERVIEW

#### Description

Atmel's line of 8-bit AVR MCUs has been made extremely popular thanks to Arduino, but for those who want to explore the possibilities of AVR in-depth – mikroLab for AVR is the solution. This kit contains an **EasyAVR v7** board that **supports a total of 64 AT, ATmega, and ATtiny MCUs**, a mikroC for AVR compiler licenses, lots of additional accessories, as well as a free license for VisualGLCD (valued at \$99).

#### About AVR

AVR was invented by two Norwegian students, Alf-Egil Bogen and Vegard Wollan. Their intention was to create an architecture that could efficiently execute programs written in C. Atmel acquired the IP and hired the students, introducing first AVR MCUs in 1997 to a great success. By 2003, they already shipped 500 million units. Today it's a well known and widely spread architecture.

**Every available AVR chip in DIP packaging can fit on EasyAVR v7, with sockets for 8, 14, 20, 28, and 40 pins available** on the board included in mikroLab for AVR.

### What's in the box

[EasyAVR v7 development board](#)

[mikroC for AVR \(installation on USB flash + license activation card\)](#)

**FREE BONUS:** [Visual GLCD \(installation on USB flash + license activation card\)](#)

[EasyPROTO board](#)

[SmartPROTO board](#)

[EasyTEST board](#)

[Proto click](#)

Character LCD 2x16 with blue backlight

Graphic LCD 128x64 with TouchPanel

Plastic Pen for TouchPanel

DS1820 Temperature Sensor

Wire Jumpers Female to Female (15cm length, 10pcs)

Wire Jumpers Male to Male (15cm length, 10pcs)

Wire Jumpers Female to Male (15cm length, 10pcs)

## MikroElektronika Embedded Solutions



### PIC Solution

- PIC Dev. Boards
- PIC Compilers
- PIC Programmers
- mikroLab Kits for PIC
- PIC Books

### PIC32 Solution

- PIC32 Dev. Boards
- PIC32 Compilers
- PIC32 Programmers
- mikrolab Kits for PIC32

### dsPIC Solution

- dsPIC Dev. Boards
- dsPIC Compilers
- dsPIC Programmers
- mikroLab Kits for dsPIC
- dsPIC Books

### AVR Solution

- AVR Dev. Boards
- AVR Compilers
- AVR Programmers
- mikroLab Kits for AVR

### STM32 Solution

- STM32 Dev. Boards
- STM32 Compilers
- STM32 Programmers
- mikroLab Kits for STM32

### Tiva C Series Solution

- Tiva C Dev. Boards
- Tiva C Compilers
- Tiva C Programmers
- mikroLab Kits for Tiva C

### 8051 Solution

- 8051 Dev. Boards
- 8051 Compilers
- 8051 Programmers
- 8051 Books
- mikroLab Kits for 8051

### FT90x Solution

- FT90x Dev. Boards
- FT90x Compilers
- FT90x Programmers
- mikroLab Kits for FT90x

### Additional Software

- Visual TFT
- Visual GLCD
- Package Manager
- GLCD Font Creator
- Timer Calculator

### Add-on boards

- Click Boards
- Click Packs
- mikromedia shields
- Communication

### Storage

- Real Time Clock
- Display
- Measurement
- Audio & Voice
- Power Supply
- GPS
- GSM/GPRS



Support



Forum



mikroBUS



Lets make



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Customization

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