

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

DS18B20 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
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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



Press



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Customization

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