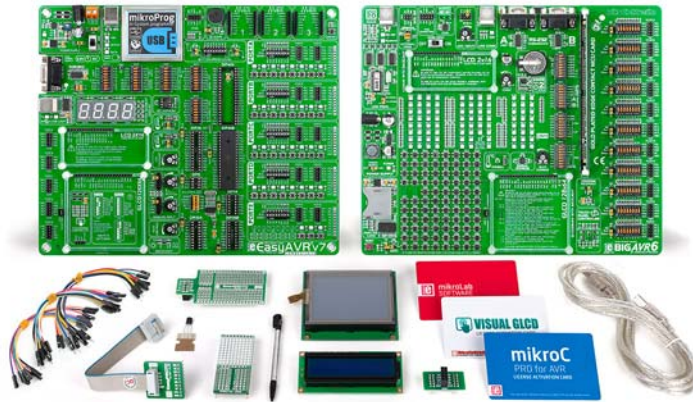


## mikroLab for AVR XL

MIKROE-2015



### OVERVIEW

#### Description

mikroLab for AVR XL is the complete solution for AVR development covering both low pin and high pin AVR MCUs. It contains two development boards ([EasyAVR v7](#) and [BigAVR6](#)), a [mikroC for AVR](#) compiler license, some additional accessories, and 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, whose popularity is in no small measure boosted by the existence of Arduino.

To maximise the development potential of AVR, however, you'll want a comprehensive development environment with vast connectivity options, and a complementing compiler that includes more than 100 function libraries. That's exactly what you get with mikroLab for AVR XL.

### What's in the box

[EasyAVR v7 development board](#)

[BIGAVR6 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



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