

# EasyPIC™ v7

We present you with a complete color schematics for EasyPIC™ v7 development board. We wanted to make electronics more understandable, even for absolute beginners, so we provided photos of most used SMD components, and made additional comments and drawings so you can get to know what your board is consisted of, and how it actually works.



**BUILT - IN COMPONENT PACKAGE OVERVIEW**

 SYMBOL 1:1 SIDE VIEW TOP VIEW <b>RESISTOR 1/8W</b>	 SYMBOL 1:1 SIDE VIEW TOP VIEW <b>CAPACITOR</b>	 SYMBOL 1:1 SIDE VIEW TOP VIEW <b>ELECTROLYTIC CAPACITOR Dia.10mm</b>	 SYMBOL 1:1 SIDE VIEW TOP VIEW <b>RESISTOR 1/2W</b>	 SYMBOL 1:1 SIDE VIEW TOP VIEW <b>FERRITE BEAD</b>	 SYMBOL 1:1 SIDE VIEW TOP VIEW <b>INDUCTOR</b>
 SYMBOL 1:1 SIDE VIEW TOP VIEW <b>SCHOTTKY DIODE</b>	 SYMBOL 1:1 SIDE VIEW INSIDE VIEW TOP VIEW <b>PUSH BUTTON</b>	 SYMBOL 1:1 SIDE VIEW TOP VIEW <b>CRYSTAL OSCILLATOR</b>	 SYMBOL 1:1 SIDE VIEW TOP VIEW <b>RECTIFIER DIODE</b>	 SYMBOL 1:1 SIDE VIEW TOP VIEW <b>LED DIODE</b>	 SYMBOL 1:1 SIDE VIEW TOP VIEW <b>TRANSISTOR</b>
 SYMBOL 1:1 SIDE VIEW TOP VIEW <b>MC34063A SWITCHING REG.</b>	 SYMBOL 1:1 SIDE VIEW TOP VIEW <b>FT232RL USB UART</b>	 SYMBOL 1:1 SIDE VIEW TOP VIEW <b>I2C EEPROM</b>	 SYMBOL 1:1 SIDE VIEW TOP VIEW <b>TANTALUM CAPACITOR</b>	 SYMBOL 1:1 SIDE VIEW TOP VIEW <b>PCB TEST POINT</b>	 SYMBOL 1:2 SIDE VIEW TOP VIEW <b>USB Type B Female connector</b>
 SYMBOL 1:2 SIDE VIEW TOP VIEW <b>PIEZO BUZZER</b>	 SYMBOL 1:2 SIDE VIEW TOP VIEW <b>POTENTIOMETER</b>	 SYMBOL 1:2 SIDE VIEW TOP VIEW <b>SCREW TERMINAL</b>	 SYMBOL 1:2 SIDE VIEW TOP VIEW <b>RJ-12 CONNECTOR</b>	 SYMBOL 1:2 SIDE VIEW TOP VIEW <b>TRI-STATE DIP SWITCH</b>	 SYMBOL 1:3 SIDE VIEW TOP VIEW <b>7-SEGMENT DISPLAY</b>

**HW REV. 1.03**

MikroElektronika assumes no responsibility or liability for any errors or inaccuracies that may appear in the present document. Specification and information contained in the present schematic are subject to change at any time without notice. If you are experiencing some problems with any of our products or just need additional information, please contact our technical support: [www.mikroe.com/forum/](http://www.mikroe.com/forum/) If you want to learn more about our product, please visit our website: [www.mikroe.com](http://www.mikroe.com)



Designed by  
**MikroElektronika Ltd.**  
[www.mikroe.com](http://www.mikroe.com)  
 March 2012.



