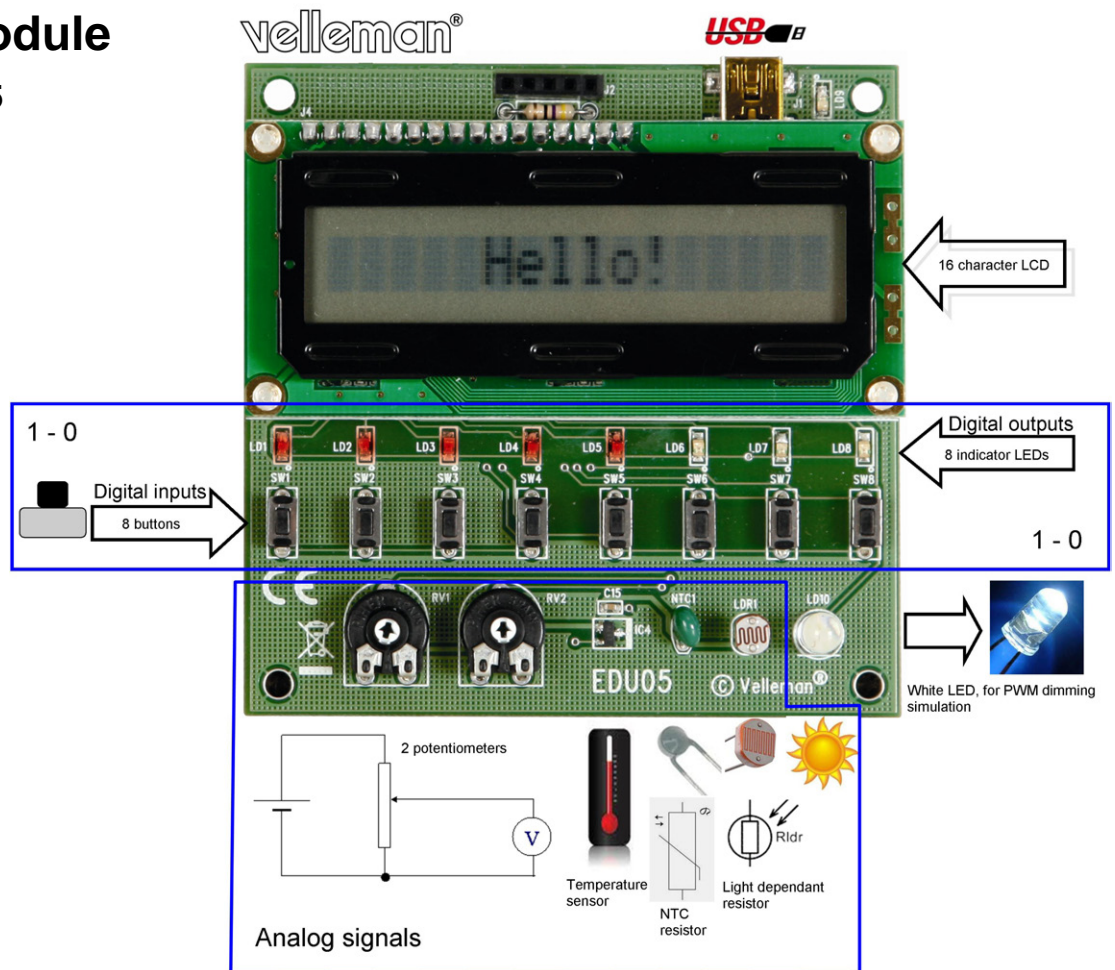


USB tutor module

Component: EDU05



Make your first steps into the PC- USB world! Using this tutor module, learning how to master USB communication with the outside world becomes simple. Examples and tutorial in Microsoft Visual Basic, C++ & C# editions.

Features

- starting from an already made example program, this module will teach you how to:
 - read up to 8 push buttons and activate a PC event
 - light up to 8 LEDs using your PC
 - read the value of 2 different potentiometers (analog value)
 - read and display the temperature on the PC
 - read the value of a temperature dependent resistor (NTC)
 - read the value of a light dependant resistor (LDR)
 - Dim a white LED using your PC
 - learn how to display text on an LCD using your PC
 - learn how to combine the above and use the LCD to display push button press, display values..

Specifications

- USB 1.1 - 2.0 compatible
- USB powered + LED indicator
- PC with windows XP or higher (internet needed for software download)
- digital Input/output:
 - 8 definable push buttons
 - 8 definable LEDs
 - 1 White LED
- analog input:
 - temperature sensor
 - NTC resistor
 - LDR resistor
 - 2 Potentiometers
- display:
 - 16 character 1 line LCD
- dimensions: 75x75mm / 3x3"