

# LCD Adapter™

## Manual

*All Mikroelektronika's development systems feature a large number of peripheral modules expanding microcontroller's range of application and making the process of program testing easier. In addition to these modules, it is also possible to use numerous additional modules linked to the development system through the I/O port connectors. Some of these additional modules can operate as stand-alone devices without being connected to the microcontroller.*

# Additional Board

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## LCD Adapter Additional Board

The *LCD Adapter* additional board is used to connect the pins of the microcontroller provided on the development system to a 2x16 LCD or a 4x20 LCD. The additional board is connected to a development system via a 2x5 female connector provided on the flat cable, whereas a 1x16 male connector provided on the additional board enables connection with an LCD display. In addition to this connector, there is also a potentiometer used for the display backlight regulation provided on the board.

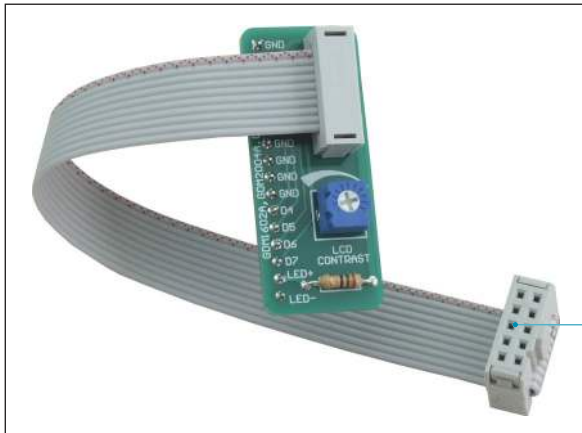


Figure 1: LCD Adapter additional board

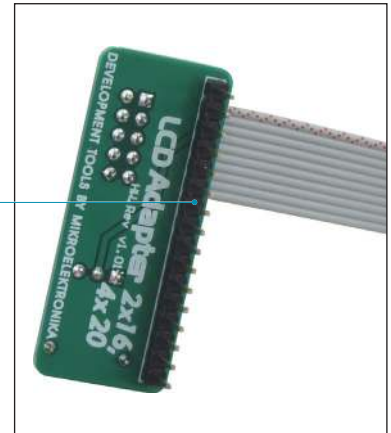


Figure 2: LCD Adapter board's back view

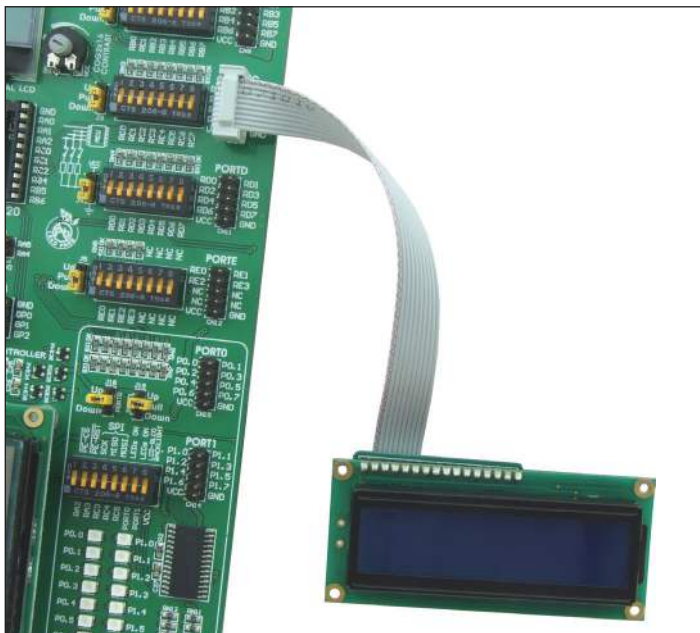


Figure 3: LCD Adapter additional board connected to a development system

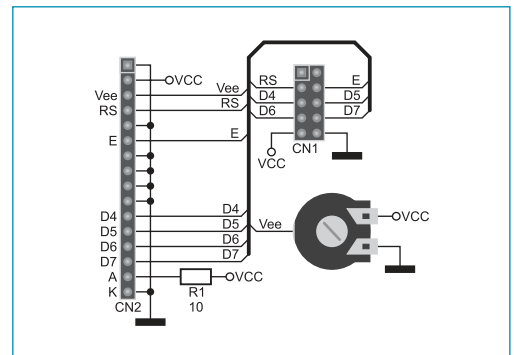


Figure 4: LCD Adapter additional board connection schematic





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