GLCD 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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GLCD Adapter Additional Board

The *GLCD Adapter* additional board is used to connect the pins of a microcontroller provided on a development system to a 240x128 GLCD. Connection between the additional board and a development system is established via two IDC10 female connectors supplied on ends of flat cables, whereas the GLCD is connected via a 1x22 male connector supplied on the additional board. In addition to this connector, there is also a potentiometer P1 used for display contrast adjustment provided on the board.
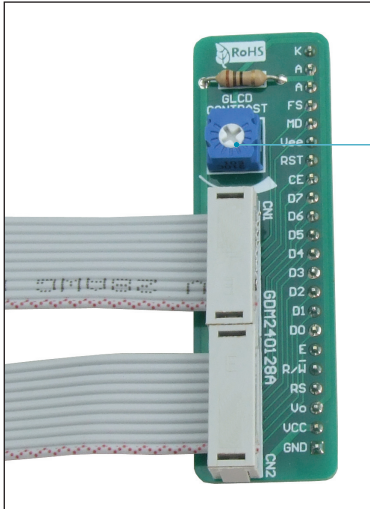

Figure 1: *GLCD Adapter* additional board

IDC10 female connectors provided on flat cables

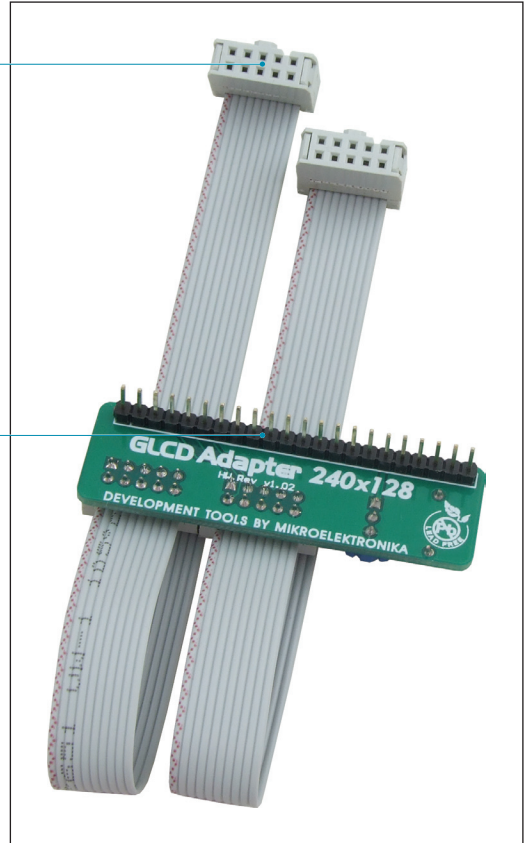Potentiometer used for GLCD contrast adjustment

1x22 male connector

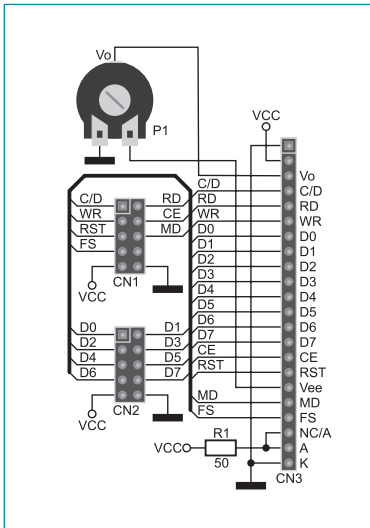**Figure 2:** Back of the *GLCD Adapter* additional board
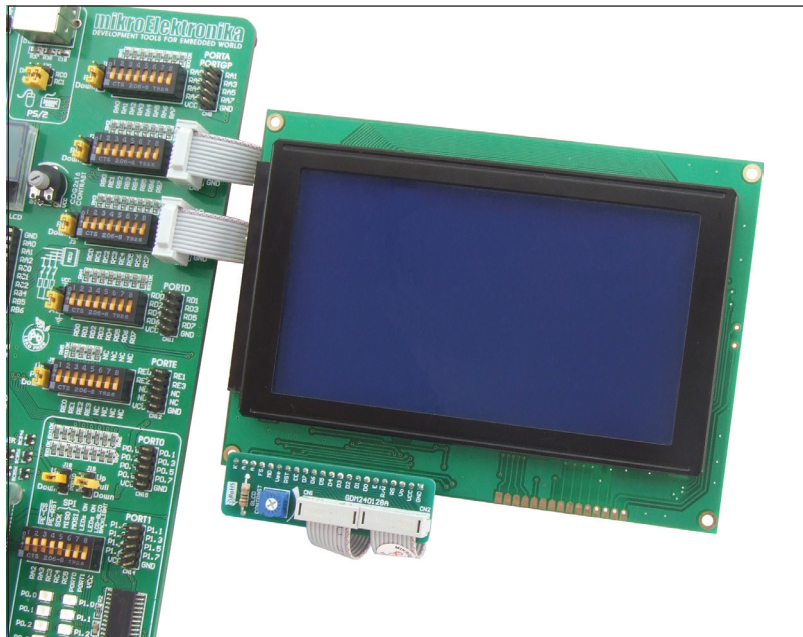

Figure 3: *GLCD Adapter* connection schematic

Figure 4: *GLCD Adapter* additional board connected to a development system

Figure 5: *GLCD Adapter* additional board connected to a GLCD display

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