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.
ACCEL Board

The Accel Board is an additional board used to measure the force of gravity and acceleration, to detect rotation, etc.

Key features:
- 3-axis sensing;
- Power supply voltage 5V DC; and
- Low-power consumption.

How to connect the board?

The Accel Board is connected to the microcontroller or some other device via pads. To make the connection easy all the pads are clearly marked on the back of the board.

The function of the additional board’s pins:
X - X axis output
Y - Y axis output
Z - Z axis output
VCC - 5V DC power supply voltage
GND - Ground

Figure 1: Accel Board
Figure 2: Back side of the Accel Board
Figure 3: Accel Board connection schematic
If you want to learn more about our products, please visit our website at www.mikroe.com

If you are experiencing some problems with any of our products or just need additional information, please place your ticket at www.mikroe.com/en/support

If you have any questions, comments or business proposals, do not hesitate to contact us at office@mikroe.com