U510 | Micro.compass

The Micro.compass module is an example sensor module for tilt measurement, direction measurement, vibration measurement etc. The module employs a mixed-signal programmable system-on-a-chip (PSoC) for on-board processing. The module provides raw access to the accelerometer and magnetometer readings, along with the preprocessed tilt-adjusted compass reading. The Micro.compass board is supported by NanoStack.

Features

- Accelerometer and magnetometer board for the Sensinode Micro Series
- 3-axis 2.5G - 10 G accelerometers (selectable range)
- 3-axis magnetometers
- Uses a Cypress PSoC microcontroller for on-board processing
- Can be configured as a digital compass or as a general purpose accelerometer/magnetometer board
- Module has a unique ID number
- RoHS compatible
- 40mm x 40 mm board size

