

STIM202 EVALUATION KIT

Features

- **PC software**
- **RS422 interface cable for USB**
- **RS422 interface card for PCI (optional)**
- **STIM202 signal and power cable**
- **User manual**

Description

STIM202 evaluation kit provides rapid measurement and configuration access to STIM202 multi-axis gyro modules from Sensoror Technologies. High data sampling frequencies, graphical presentation, and data log to file are supported.

The kit provides access to configurable and readable parameters of the module, such as part number, serial number, firmware and hardware revisions (all readable parameters), low pass filter frequency, sampling frequency, serial communication bit rate, and line termination (on/off) (all configurable parameters).

STIM202 diagnostics are accessible, including RAM and flash checks, stack handling checks, status of internal voltage supply references, and various parameter reports for each measurement axis.



A user configurable parameter file holds RS422 communication parameters such as port number in use, communication bit rate, number of stop bits, parity bit (y/n) etc.

The demonstrator part of PC software provides real-time view of angular rate and increment angle data. It also includes visual objects for indicating the position/ angle of the STIM202 axes.

For deeper characterizations of STIM202 it is recommended to consider the compatible PCI card as a replacer of the included USB solution. The PCI card ensures the most reliable and stable test conditions, and this would normally be preferred for longer measurement series (where corrupted data and restarts of tests mean considerable time loss).

Order information

Article	Description
83879	STIM202 evaluation kit
84014	RS422 interface card for PCI (optional)

STIM202 modules are ordered separately

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CONTACT INFORMATION

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