



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

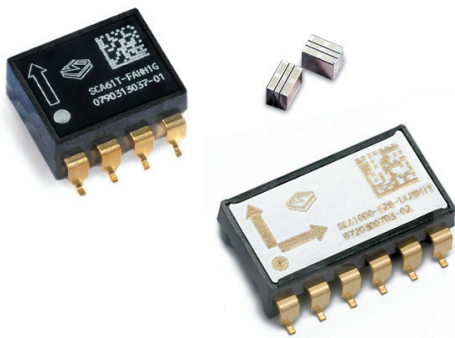
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SCA DEMO KIT



The SCA Demo Kits are designed for VTI Technologies (MEMS) accelerometers. They can be used for research and evaluation purposes in different applications where physical movement will be converted to an electrical signal.

The board contains two single-axis inclinometers and will support two external channels for extra sensors. No additional components are required to use the evaluation kit.

The kit can convert analog sensor voltages to a digital signal through a first order low pass filter and a 16-bit A/D converter. The signal is then transmitted to a PC through an RS-232 communication cable, which is included in the kit. Furthermore the sample-rate can be adjusted between 0,02Hz to 50Hz and up to 900Hz in the super fast mode.

FEATURES

- Two SCA610-CB1H1G inclinometers on board, ±1g range
- Board supply voltage Vdd 6-14V
- Typical current consumption 10mA
- Max. 16-bit A/D converter (resolution 0.076mV/bit)
- On board temperature sensor
- RS-232 communication
- LCD screen for a axis angle detection
- Supports all VTI SCA series sensors
- Open design

APPLICATIONS

- Movement evaluation
- Development of new applications
- Sensor performance evaluation
- Can be used as a stand alone instrument

SCA DEMO KIT includes hardware, software and cables. For an additional cost, there is also a LCD Display available.

