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iSensor®

ADIS1636x and ADIS1640x Evaluation Tool Ordering Guide



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June 2011





iSensor[®] The Simple Solution for Sensor Integration

Evaluation Tool Overview

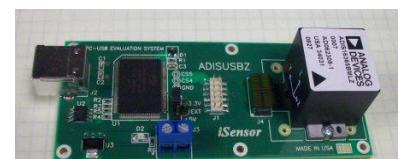
- 1. Interface connector for those that need to integrate this on a new PCB**
 - ◆ The ADIS1636xBMLZ and ADIS1640xBMLZ use the FTMH-112-03 series of connectors from Samtec. www.samtec.com/FTMH
 - ◆ The evaluation tools use the CLM-112-02-LM-D-A connector from Samtec
 - ◆ Acquire mating connector from Samtec, not ADI. www.samtec.com/samples
 - ◆ Alternate mating connector: www.samtec.com/MLE
- 2. Evaluation/interface board (ADIS1636x/PCBZ or ADIS1640x/PCBZ) for simpler connection to an existing processor/system PCB.**
 - ◆ These boards provide a simple connector translation from the 1 mm pitch on the ADIS1636xBMLZ and ADIS1640xBMLZ products to a 2 mm pitch, which is easier to use in common prototyping environments such as hand-soldering and ribbon cabling.
 - ◆ NOTE: PCB not sold separately.
 - ◆ Part numbers for ordering: **ADIS16360/PCBZ, ADIS16362/PCBZ, ADIS16364/PCBZ, ADIS16365/PCBZ, ADIS16367/PCBZ, ADIS16400/PCBZ, ADIS16405/PCBZ, ADIS16407/PCBZ**
- 3. Evaluation system (ADISUSBZ) for those that prefer a simple PC interface**
 - ◆ This system provides a simple USB interface, along with software for simple data collection and evaluating most of the ADIS1636x functions and performance.
 - ◆ Supports approximately 150 SPS to 200 SPS sample rate.
 - ◆ CAUTION: This system DOES NOT provide an appropriate framework for developing a system around the ADIS1636xBMLZ or ADIS1640xBMLZ. NO source code or code development support is included with this kit.
 - ◆ Part number for ordering: **ADISUSBZ**



ADIS16365BMLZ Shown Here



ADIS16365/PCBZ Shown Here



ADISUSBZ & ADIS16365BMLZ Shown Here
(Sold separately)



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MORE INFORMATION ON *i*SENSOR[®] EVALUATION TOOLS:

- Visit each product's web site, for example:
www.analog.com/ADIS16407
- Click on "Evaluation Boards & Kits"