**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](http://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](http://www.samtec.com/samples)
   - Alternate mating connector: [www.samtec.com/MLE](http://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
CONTACTS:

- APPLICATIONS ENGINEER:  
  Mark Looney  
  mark.looney@analog.com  
  1-336-605-4139

- MARKETING:  
  Bob Scannell  
  bob.scannell@analog.com  
  1-336-605-4031

MORE INFORMATION ON iSENSOR® EVALUATION TOOLS:

- Visit each product’s web site, for example:  
  www.analog.com/ADIS16407

- Click on “Evaluation Boards & Kits”