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# *iSensor*®

## ADIS16210-ADISUSB Installation Guide



Mark Looney  
*iSensor* Applications Engineer  
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# iSensor® The Simple Solution for Sensor Integration

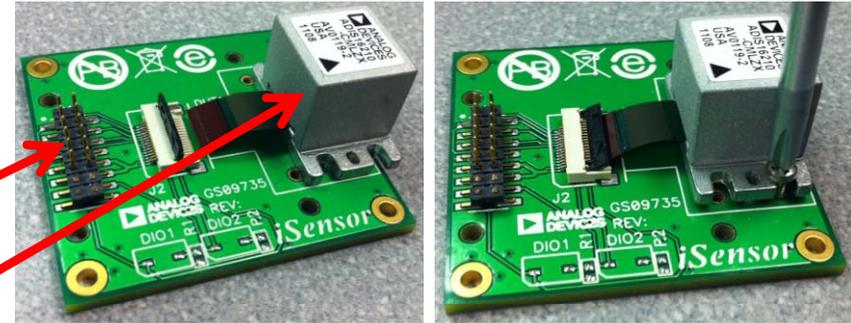
## ADIS16210/PCBZ Installation on the ADISUSBZ

### ADIS16210/PCBZ Assembly

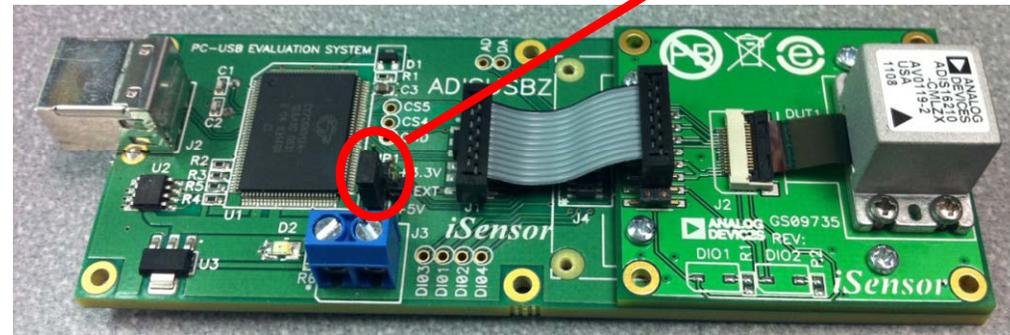
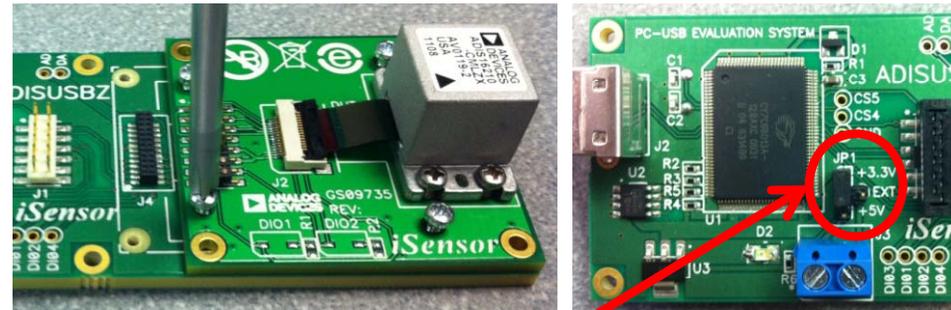
1. For PC evaluation, use the ADIS16210/PCBZ and the ADISUSBZ.
2. Remove the 12-pin ribbon connector from J1-ADISUSBZ.
3. Assemble ADIS16210/PCBZ by installing the ADIS16210CMLZ onto the interface PCB:
  1. Make sure that J2-Interface PCB is open
  2. Slide flex-end (ADIS16210CMLZ) into J2, making sure that the flex is centered.
  3. Close J2 clasp to secure the flex
  4. Use (4) M2x0.4x4mm machine screws to secure ADIS16210CMLZ to the interface PCB
4. Set the ADIS16210/PCBZ onto the ADISUSBZ surface.
5. Line the four mounting holes up and use (4) M2x0.4x6mm machine screws to secure the ADIS16210/PCBZ to the ADISUSBZ.
6. Connect the J1-ADIS16210/PCBZ to J1-ADISUSBZ using the 12pin ribbon connector.
7. NOTE: J1-ADIS16210/PCBZ may have 16 pins. For use with the ADISUSBZ, cut pins 13–16 off (as shown). These pins are for use with a future evaluation system.
8. Make sure that the ADISUSBZ-JP1 is set to “+3.3V”
9. Download and install evaluation software **before** plugging the ADISUSBZ into the PC. This will simplify the driver installation process.

Interface PCB

ADIS16210CMLZ



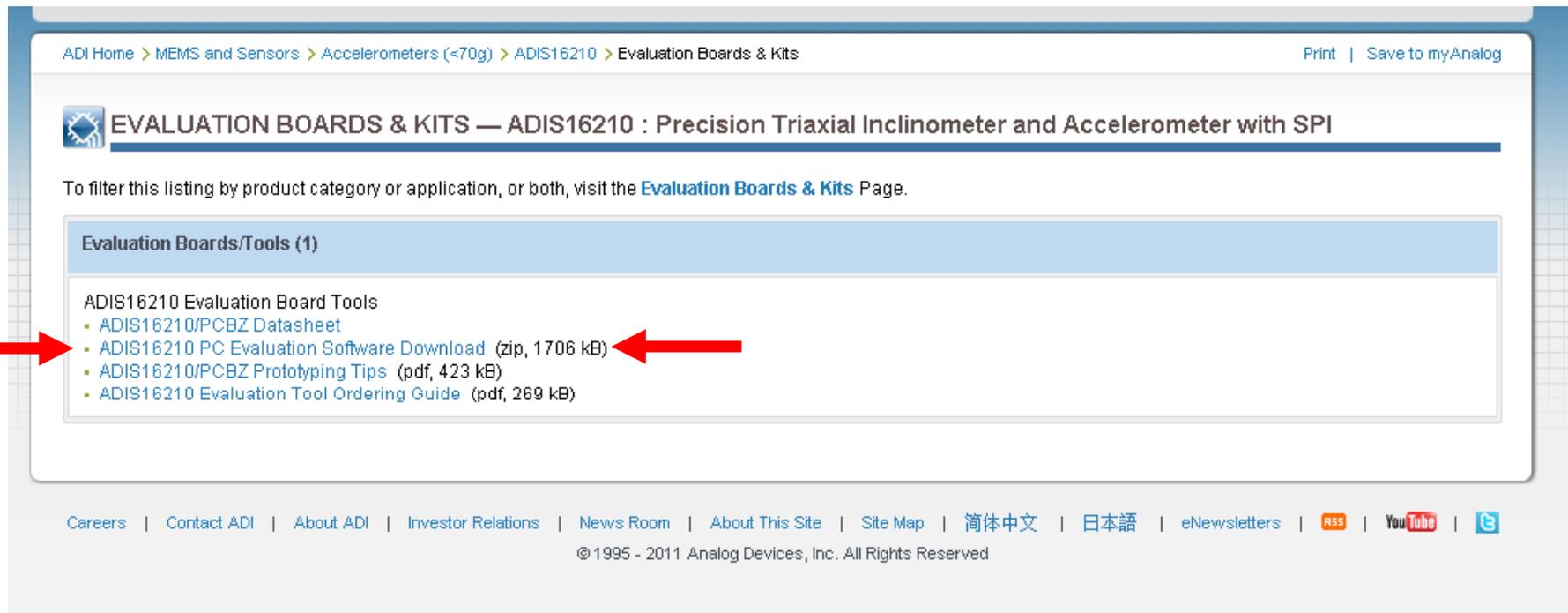
### ADIS16210/PCBZ-ADISUSBZ Installation



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## ADIS16210 Evaluation Software Download & Installation Start

1. Download the ADIS16210 Evaluation Software from <http://www.analog.com/ADIS16210>
  - A. Click on Evaluation Boards & Kits
  - B. Click on software download link and save the file to a temporary location.



ADI Home > MEMS and Sensors > Accelerometers (<70g) > ADIS16210 > Evaluation Boards & Kits Print | Save to myAnalog

### EVALUATION BOARDS & KITS — ADIS16210 : Precision Triaxial Inclinometer and Accelerometer with SPI

To filter this listing by product category or application, or both, visit the [Evaluation Boards & Kits](#) Page.

**Evaluation Boards/Tools (1)**

- ADIS16210 Evaluation Board Tools
  - ADIS16210/PCBZ Datasheet
  - ADIS16210 PC Evaluation Software Download (zip, 1706 kB)
  - ADIS16210/PCBZ Prototyping Tips (pdf, 423 kB)
  - ADIS16210 Evaluation Tool Ordering Guide (pdf, 269 kB)

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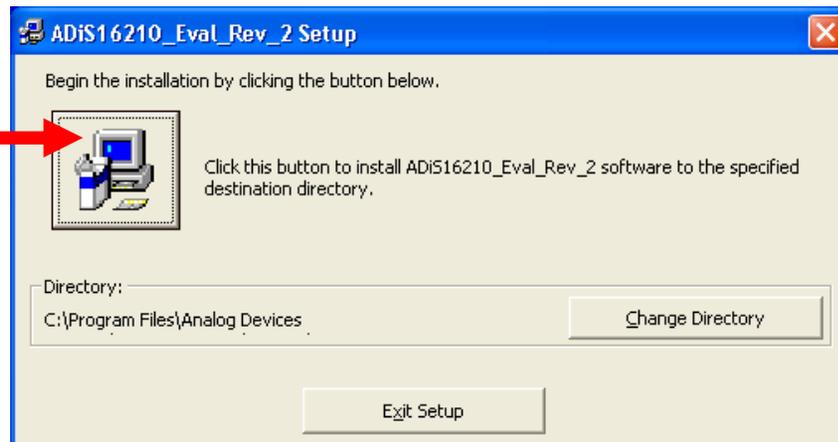
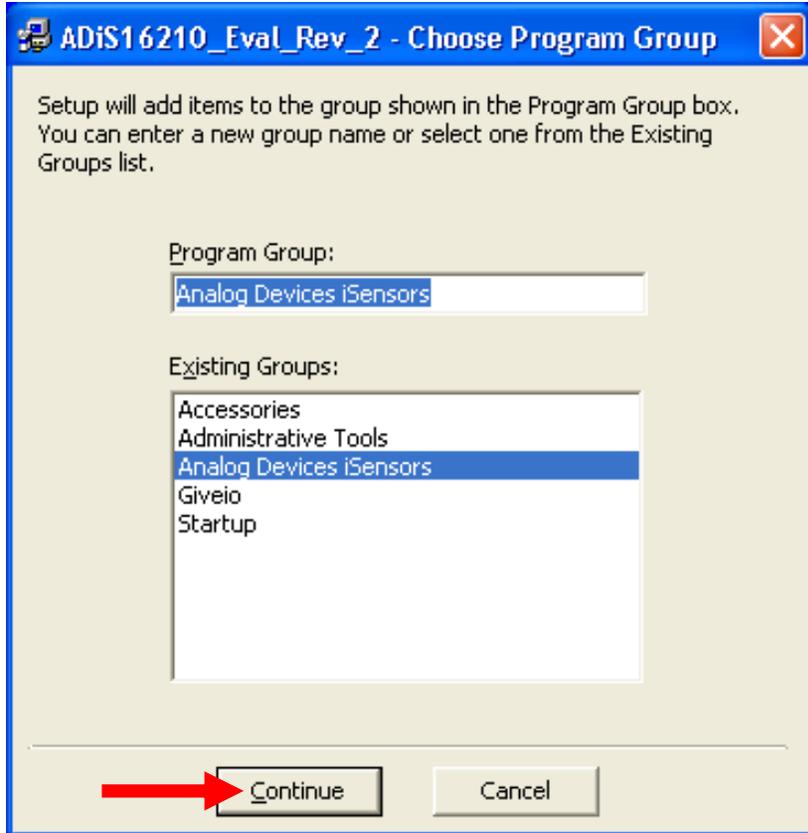
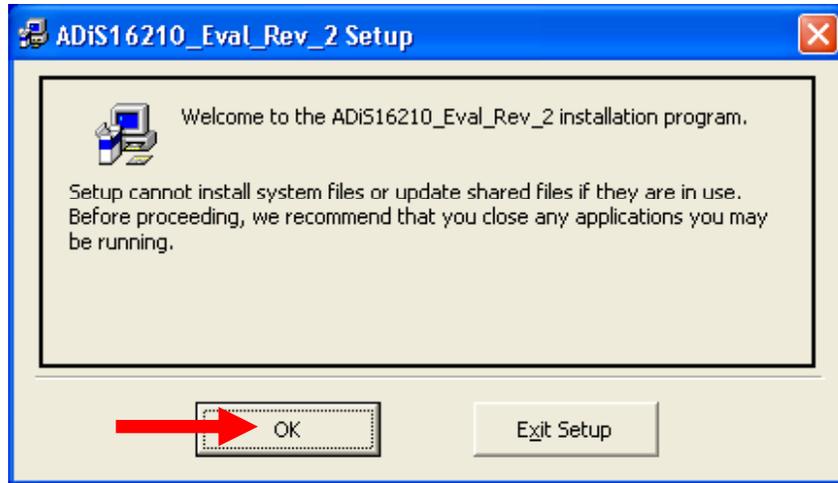
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2. Extract the contents from the zip files (i.e. 228ES.zip) into a temporary location
3. Double-click on “setup.exe” to begin the installation process.

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## ADIS16210 Evaluation Software Installation

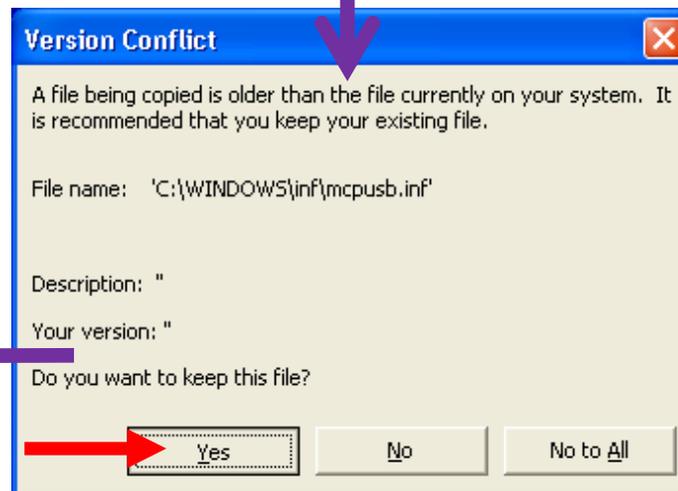
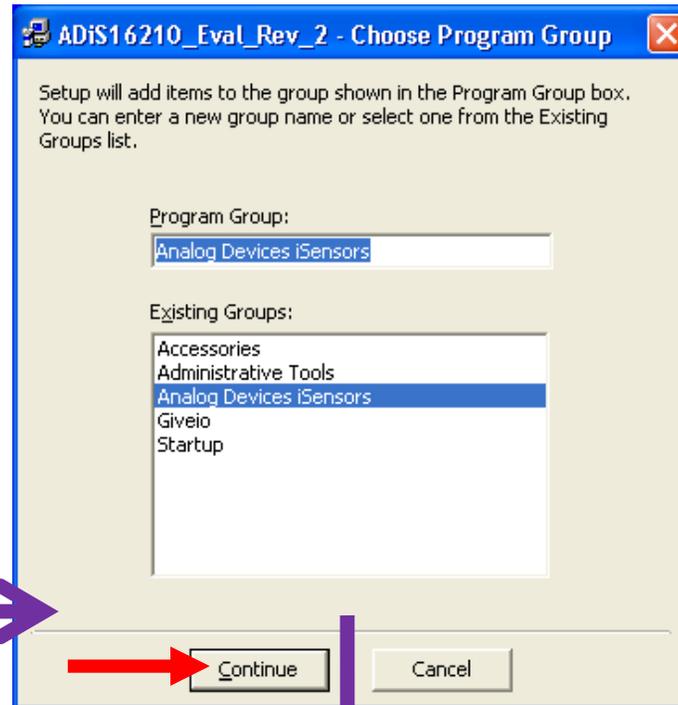
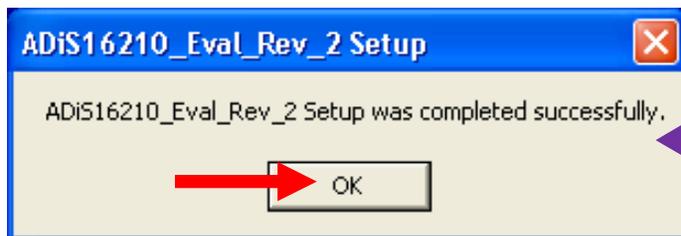
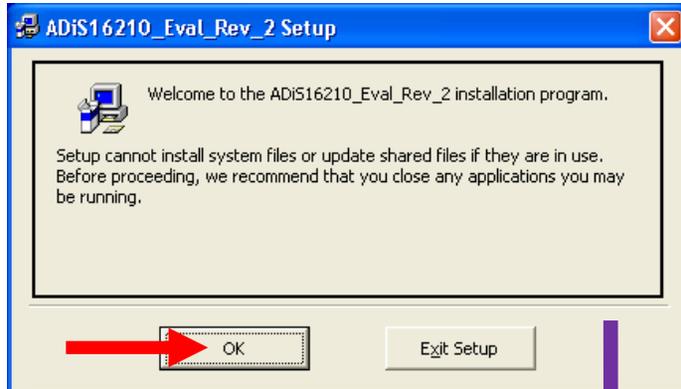
4. Click on the buttons as shown



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## ADIS16210 Evaluation Software Installation

4. Click on the buttons as shown





◆ **Contacts:**

● **Applications Engineer:**

**Mark Looney**  
**[mark.looney@analog.com](mailto:mark.looney@analog.com)**  
**1-336-605-4139**

● **Marketing:**

**Bob Scannell**  
**[bob.scannell@analog.com](mailto:bob.scannell@analog.com)**  
**1-336-605-4031**