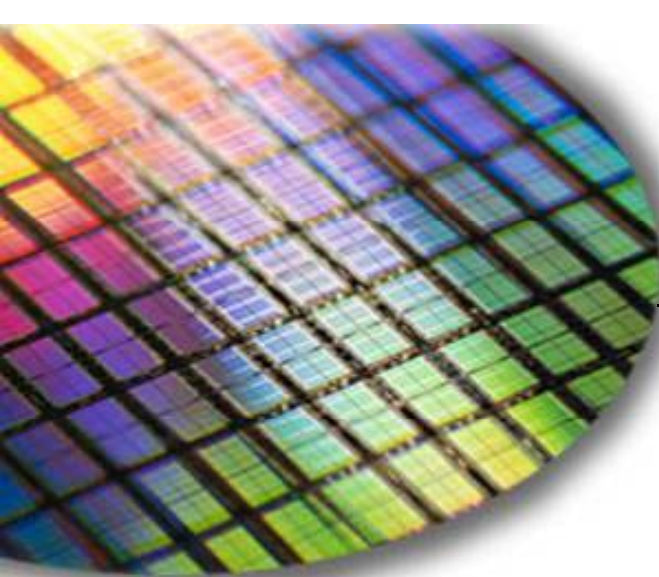




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ADIS16210-ADISUSB Installation Guide



Mark Looney
iSensor Applications Engineer
September 2011



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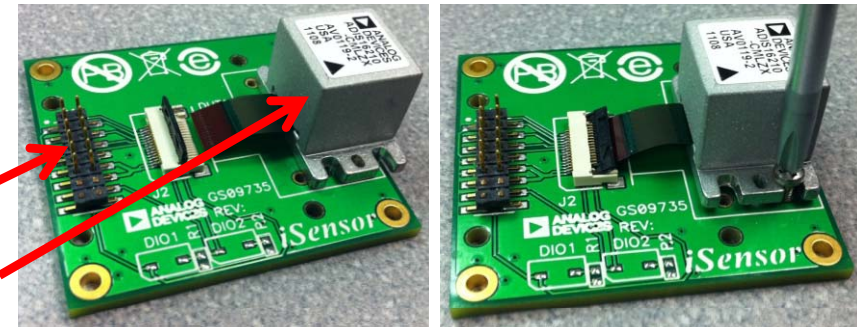
ADIS16210/PCBZ Installation on the ADISUSBZ

ADIS16210/PCBZ Assembly

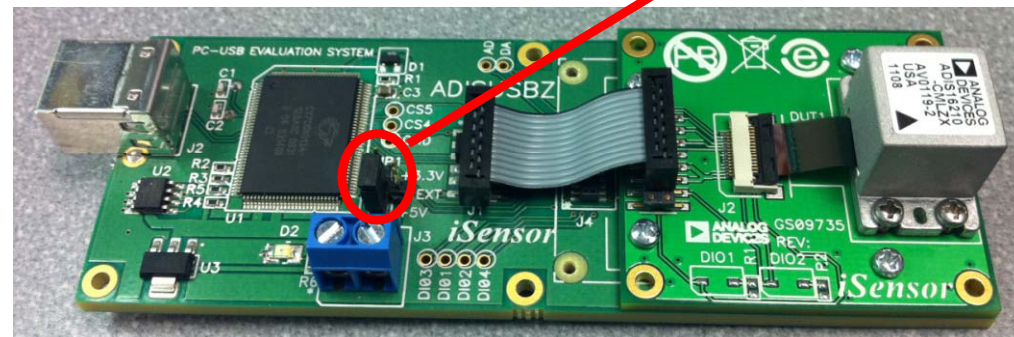
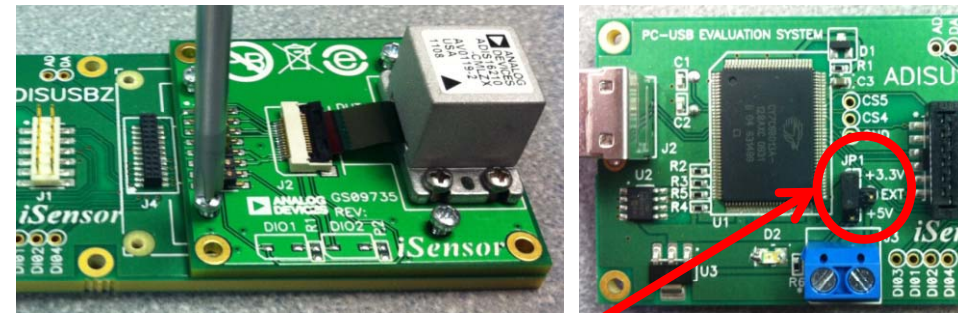
1. For PC evaluation, use the ADIS16210/PCBZ and the ADISUSBZ.
2. Remove the 12-pin ribbon connector from J1-ADISUSBZ.
3. Assemble ADIS16210/PCBZ by installing the ADIS16210CMLZ onto the interface PCB:
 1. Make sure that J2-Interface PCB is open
 2. Slide flex-end (ADIS16210CMLZ) into J2, making sure 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



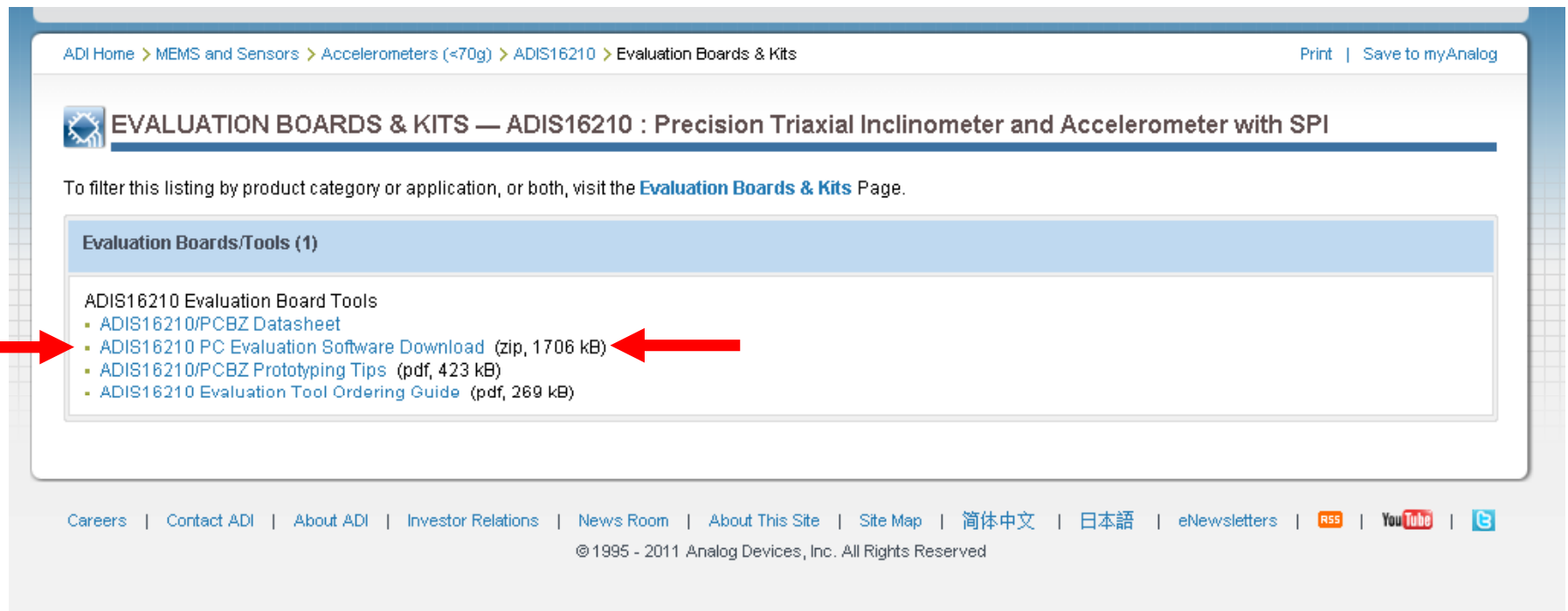
ADIS16210/PCBZ-ADISUSBZ Installation



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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.

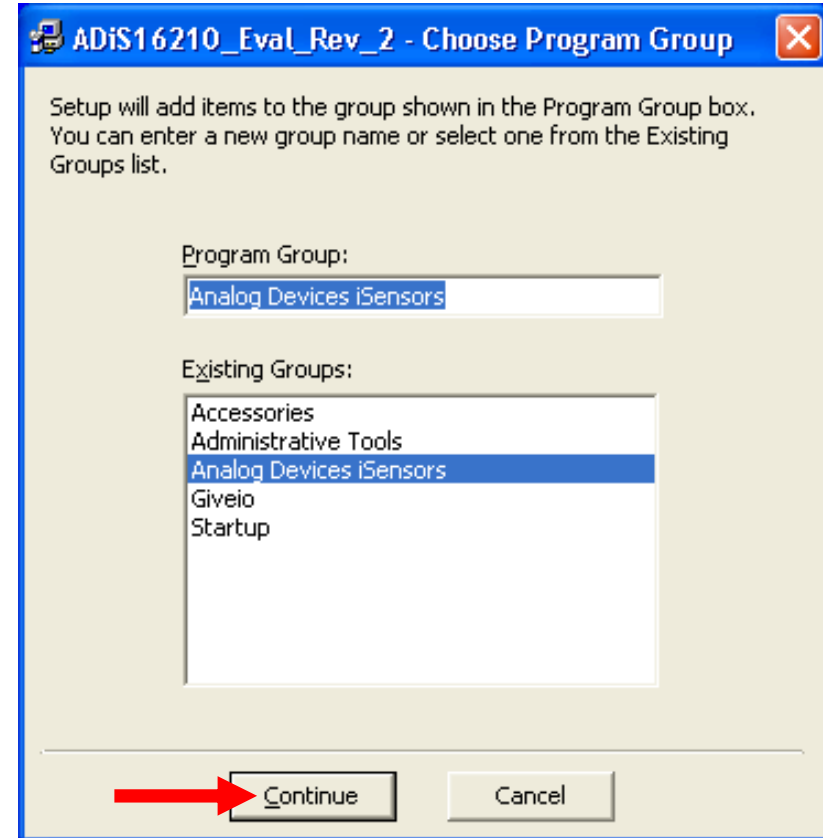
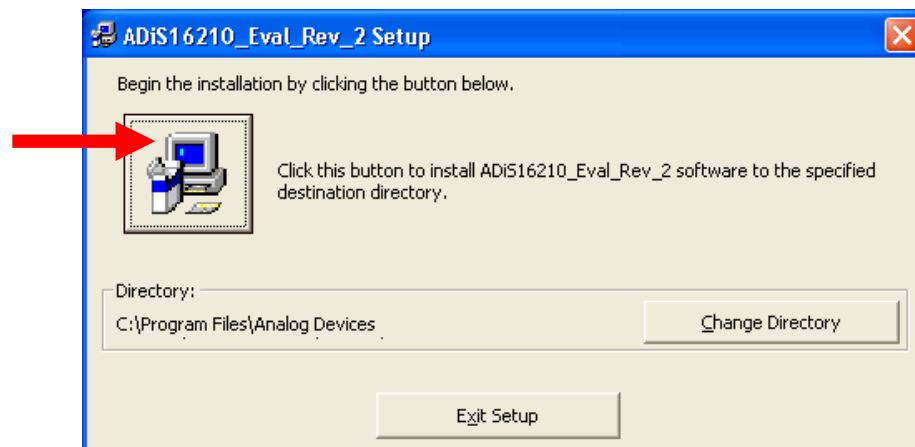
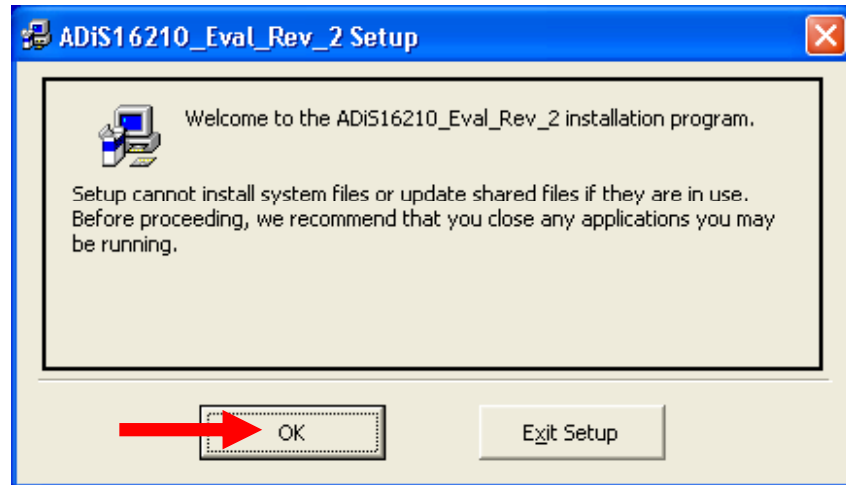


2. Extract the contents from the zip files (i.e. 228ES.zip) into a temporary location
3. Double-click on "setup.exe" to begin the installation process.

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ADIS16210 Evaluation Software Installation

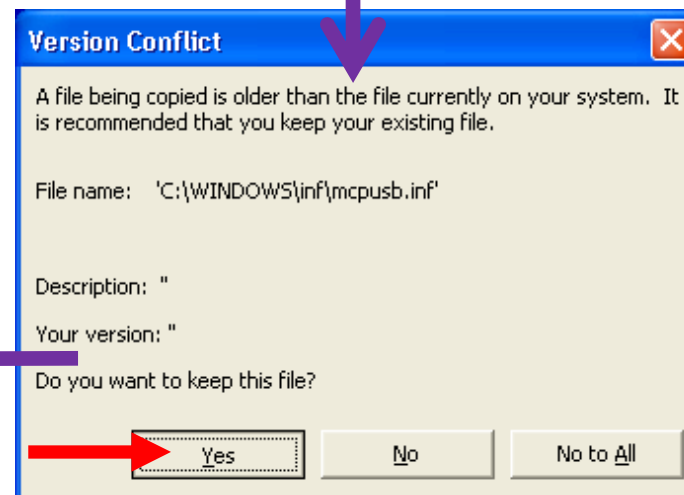
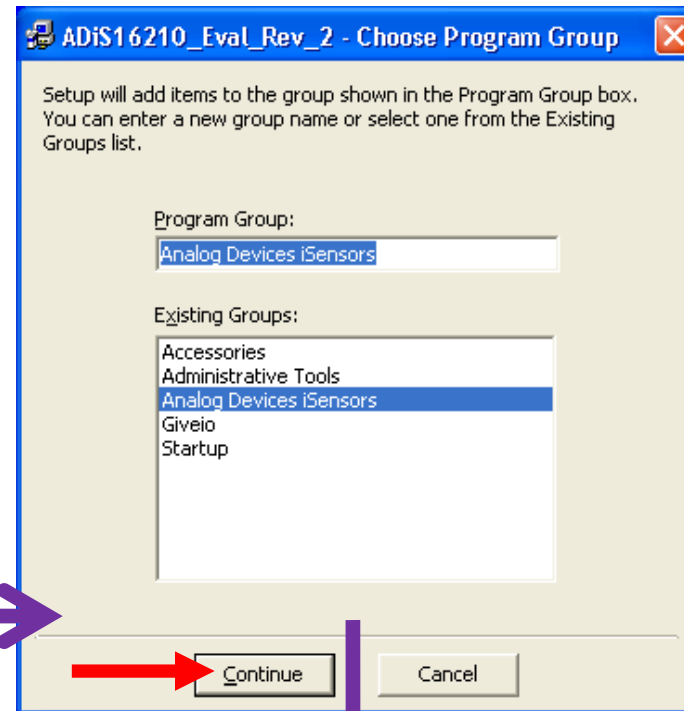
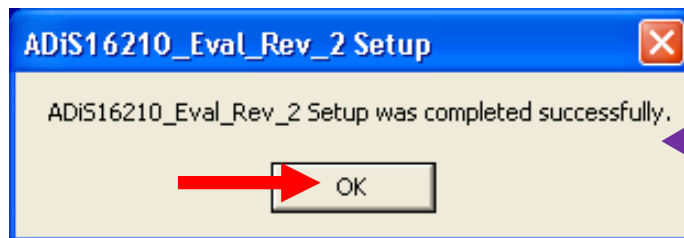
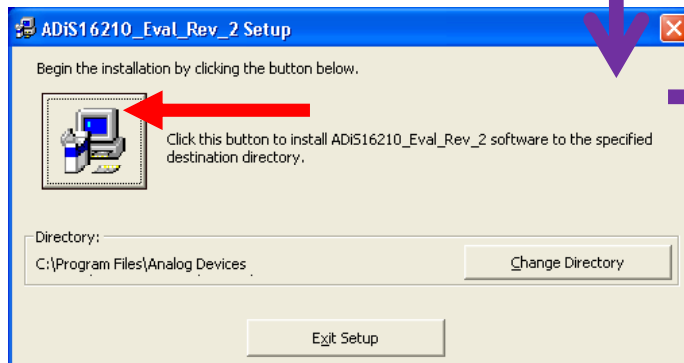
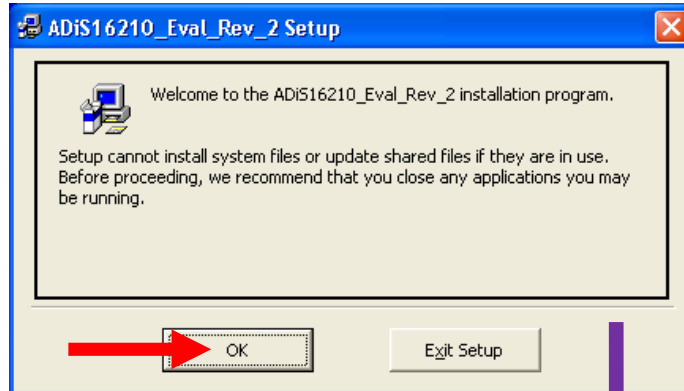
4. Click on the buttons as shown



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ADIS16210 Evaluation Software Installation

4. Click on the buttons as shown



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