

The World Leader in High Performance Signal Processing Solutions



iSensor® ADIS16210-ADISUSB Installation Guide



Mark Looney *i*Sensor Applications Engineer September 2011



*i*Sensor[®] The Simple Solution for Sensor Integration ADIS16210/PCBZ Installation on the ADISUSBZ ADIS16210/PCBZ Assembly

Interface PCB

ADIS16210CMLZ

- 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"
- Download and install evaluation software <u>before</u> plugging the ADISUSBZ into the PC. This will simplify the driver installation process.





ADIS16210/PCBZ-ADISUSBZ Installation





2

*i*Sensor[®] The Simple Solution for Sensor Integration 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.

o 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) 	
	 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) 	

- 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.



*i*Sensor[®] The Simple Solution for Sensor Integration ADIS16210 Evaluation Software Installation

4. Click on the buttons as shown

🛃 ADi\$16210_Eval_Rev_2 Setup	🛃 ADiS16210_Eval_Rev_2 - Choose Program Group 🛛 🔀
Welcome to the ADiS16210_Eval_Rev_2 installation program. Setup cannot install system files or update shared files if they are in use. Before proceeding, we recommend that you close any applications you may be running.	Setup will add items to the group shown in the Program Group box. You can enter a new group name or select one from the Existing Groups list. Program Group: Analog Devices iSensors Existing Groups: Accessories Administrative Tools Analog Devices iSensors Giveio Startup
ADi\$16210_Eval_Rev_2 Setup	
Begin the installation by clicking the button below.	
Click this button to install ADIS16210_Eval_Rev_2 software to the specified destination directory.	Continue Cancel
C:\Program Files\Analog Devices	
E <u>x</u> it Setup	



*i***Sensor**[®] The Simple Solution for Sensor Integration ADIS16210 Evaluation Software Installation

ADiS16210_Eval_Rev_2 - Choose Program Group

4. Click on the buttons as shown

ADIS16210_Eval_Rev_2 Setup Welcome to the ADIS16210_Eval_Rev_2 installation program. Setup cannot install system files or update shared files if they are in use. Before proceeding, we recommend that you close any applications you may be running. OK Exit Setup	Setup will add items to the group shown in the Program Group box. You can enter a new group name or select one from the Existing Groups list. Program Group: Analog Devices iSensors Existing Groups: Accessories Administrative Tools Analog Devices iSensors Giveio Startup
Click this button to install ADIS16210_Eval_Rev_2 software to the specified destination directory. Circectory: C:\Program Files\Analog Devices	Continue Cancel Version Conflict A file being copied is older than the file currently on your system. It
E <u>x</u> it Setup	File name: 'C:\WINDOWS\inf\mcpusb.inf'
ADIS16210_Eval_Rev_2 Setup ADIS16210_Eval_Rev_2 Setup was completed successfully.	Description: " Your version: " Do you want to keep this file? Yes <u>No</u> No to All





- Applications Engineer:
- Marketing:

Mark Looney mark.looney@analog.com 1-336-605-4139 Bob Scannell bob.scannell@analog.com 1-336-605-4031

