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ADIS1626x Evaluation Tool Overview

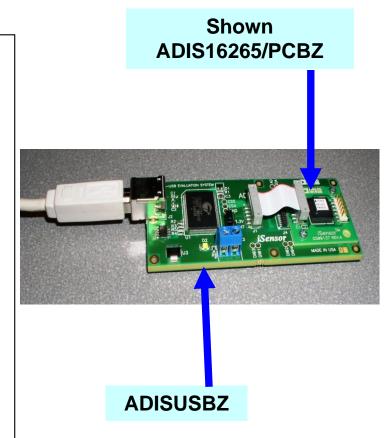


Mark Looney iSensor® Application Engineer September 21, 2009





- Evaluation/Interface Board (ADIS1626x/PCBZ) for simpler connection to an existing processor/system PCB.
 - These boards provide a simple connector translation that enables user to bypass LGA soldering. The 2 mm pitch connectors are easy to interface with 1 mm ribbon cable or solder to.
 - Part number for ordering: ADIS1626x/PCBZ
- Evaluation System (ADISUSBZ) for those that prefer a simple PC interface
 - This system provides a simple USB interface, along with a simple graphical user interface (GUI) package, for evaluating most of the ADIS1626x functions and performance.
 - This system is most useful for basic data collection and performance validation.
 - This is not a real-time development system but, under appropriate circumstances, it could offer some prototype software support.
 - Part number for ordering: ADISUSBZ

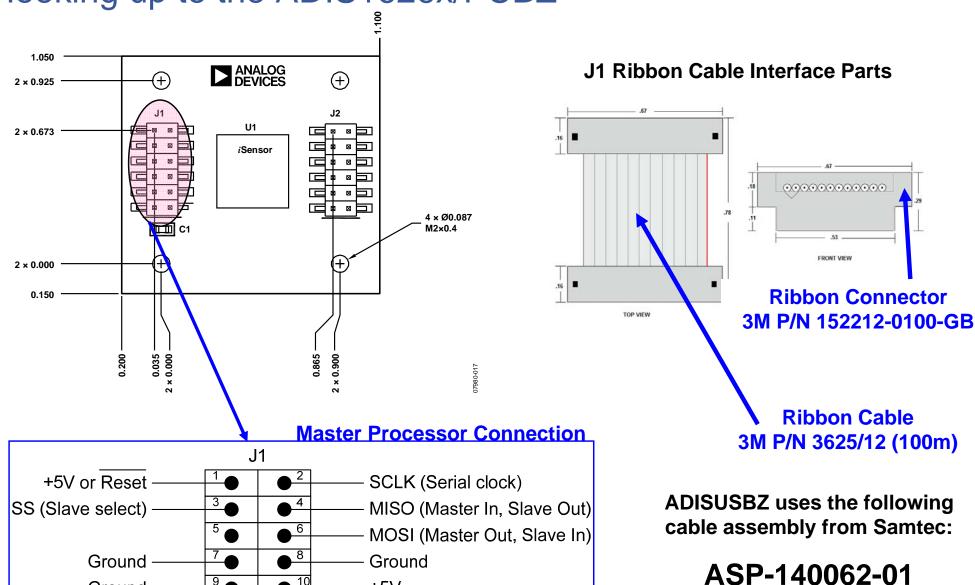




*i***Sensor**[®] *The Simple Solution for Sensor Integration* Hooking up to the ADIS1626x/PCBZ

+5V

+5V



ANALOG DEVICES

Ground -

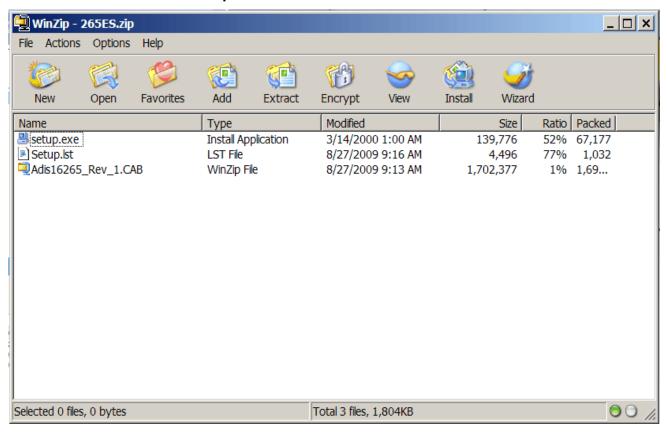
+5V -

*i*Sensor® The Simple Solution for Sensor Integration ADIS1626x Demonstration Software Installation

The ADIS1626x demonstration software can be found at

www.analog.com/isensor-evaluation

- 1. Click on "Evaluation Software Downloads"
- 2. Click on 265ES.zip and save it to a temporary directory
- 3. Open it and double click on setup.exe.

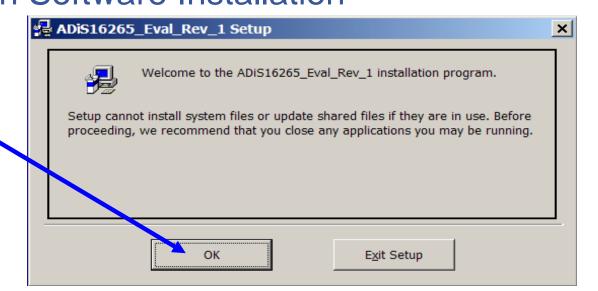




*i*Sensor® The Simple Solution for Sensor Integration ADIS1626x Demonstration Software Installation

Installation Steps (continued)

- Click OK on next screen
- 5. Click here to start installation

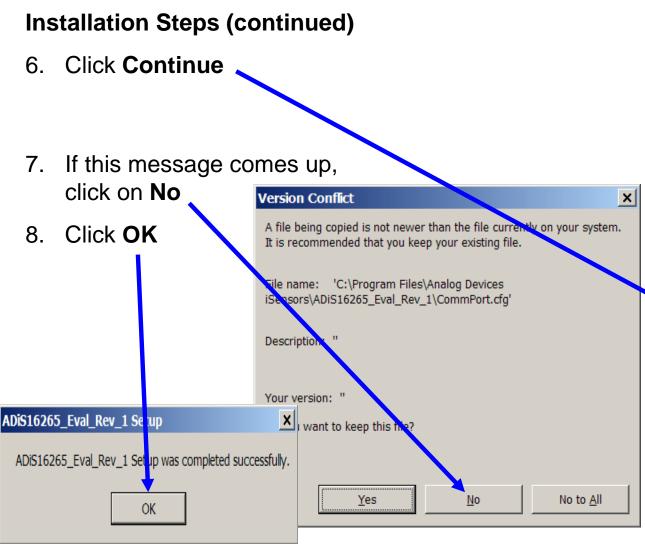


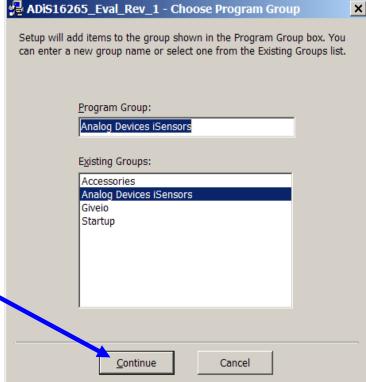






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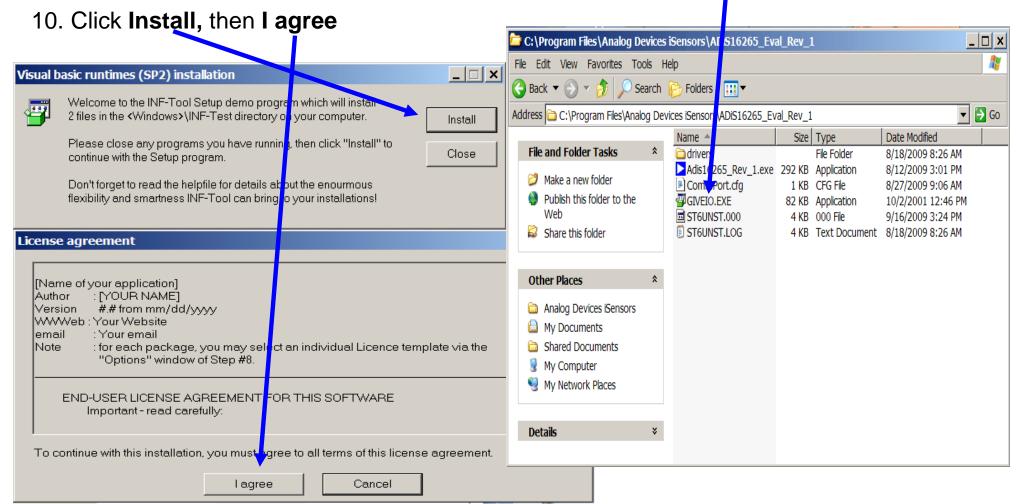




*i*Sensor® The Simple Solution for Sensor Integration ADIS1626x Demonstration Software Installation

Installation Steps (continued)

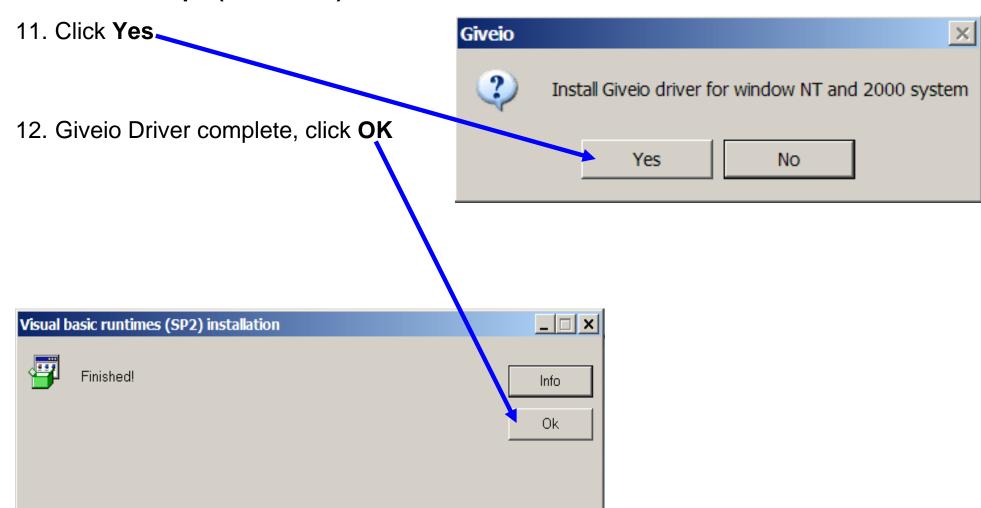
9. Open the newly created directory and double-click onto GIVEIO.EXE





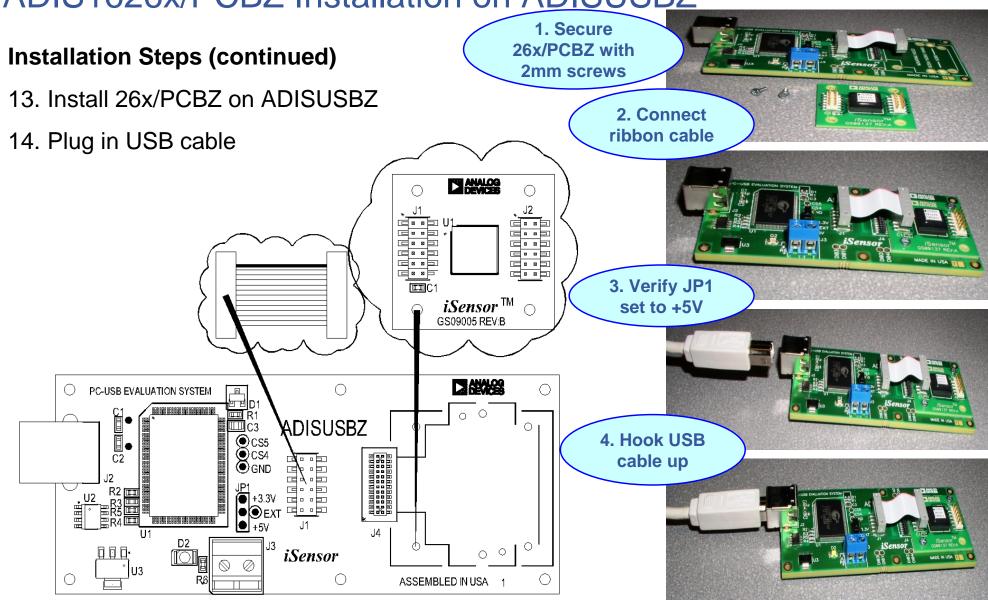


Installation Steps (continued)





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Installation Steps (continued)

- 15. USB Driver screen will pop-up Click **Next** to start this process
- 16. Then click on Continue Anyway



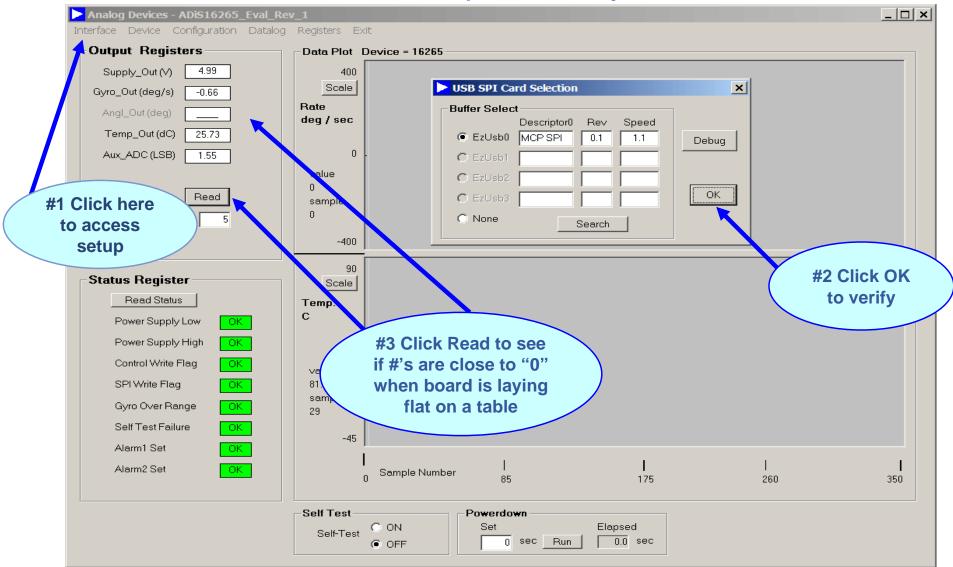


This process will repeat for a second driver file. Just follow the instructions and allow it to go through one more time. After completing this, then the devices is ready for test.



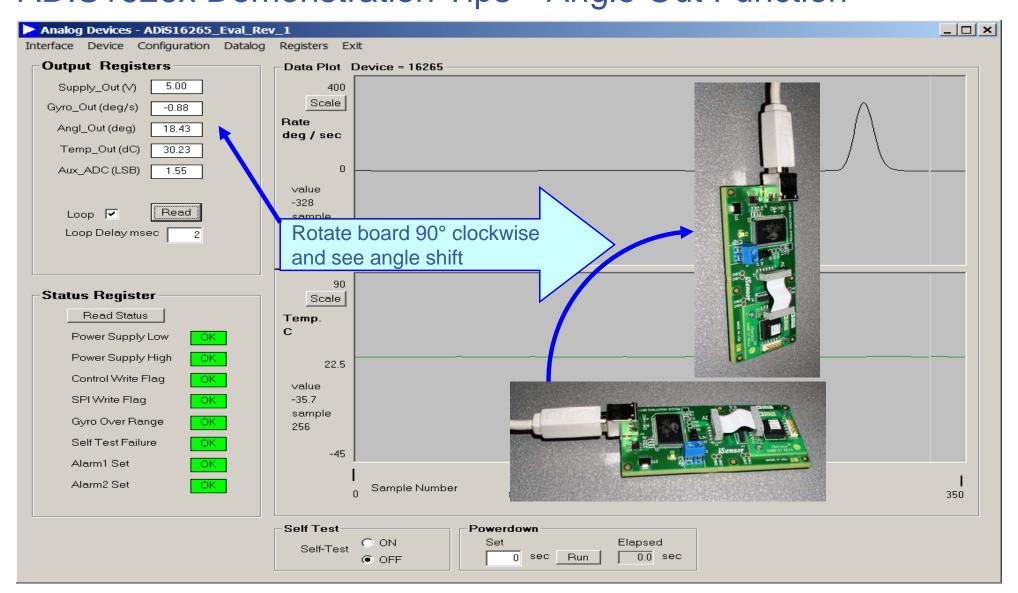
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*i***Sensor**[®] The Simple Solution for Sensor Integration ADIS1626x Demonstration Tips—Verify USB Driver



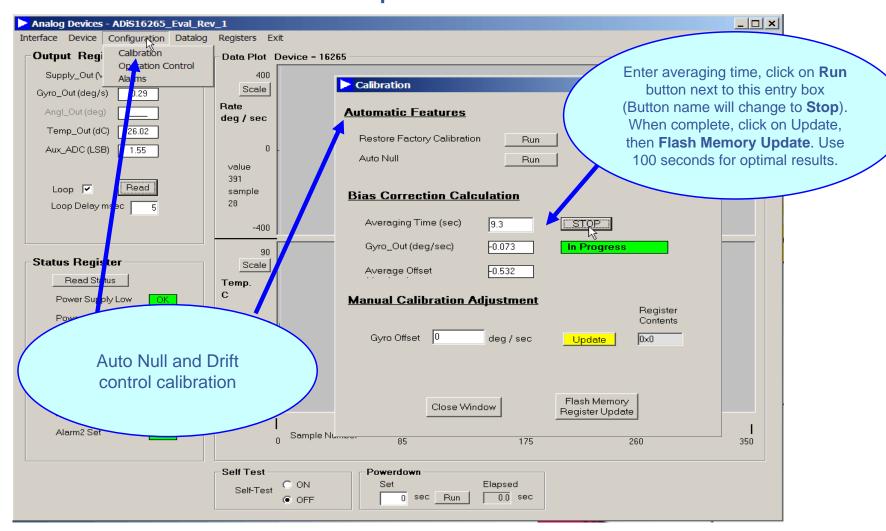


*i***Sensor**[®] The Simple Solution for Sensor Integration ADIS1626x Demonstration Tips—Angle Out Function



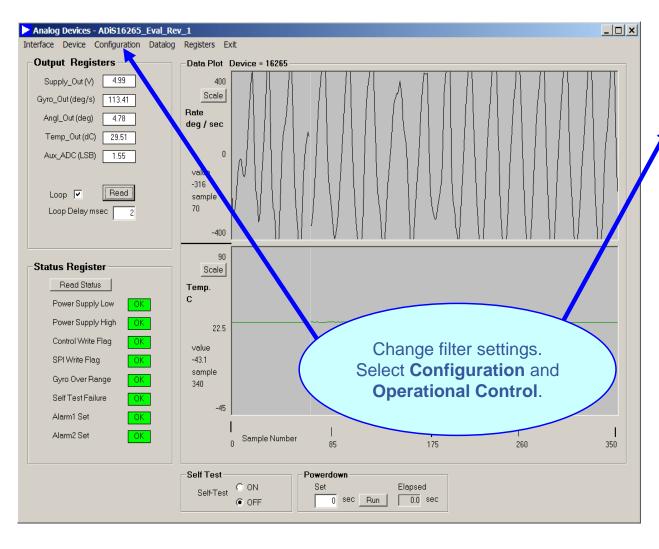


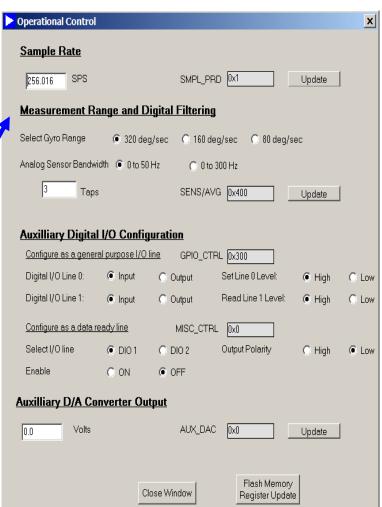
*i***Sensor**[®] The Simple Solution for Sensor Integration ADIS1626x Demonstration Tips—Bias Correction





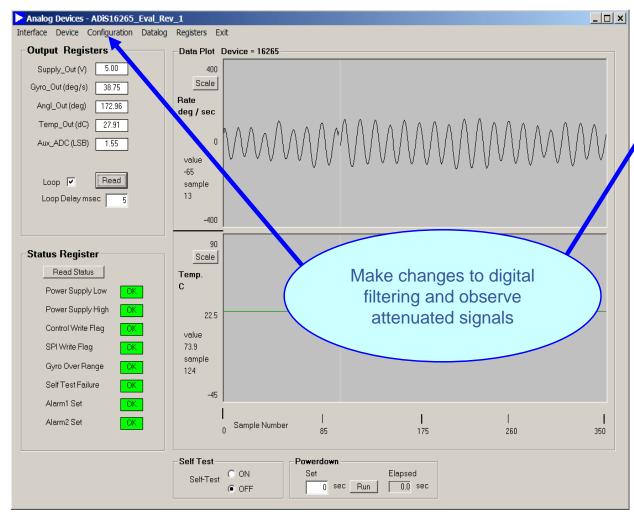
*i***Sensor**[®] The Simple Solution for Sensor Integration ADIS1626x Demonstration Tips—Compare Filter Settings

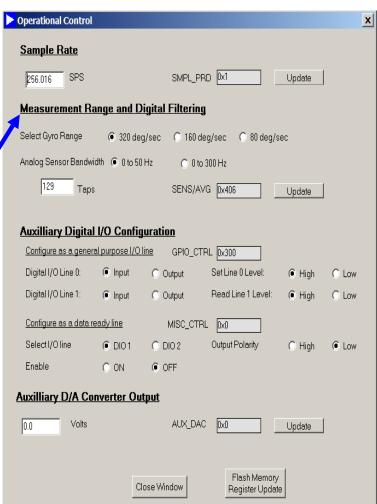






*i***Sensor**[®] The Simple Solution for Sensor Integration ADIS1626x Demonstration Tips—Compare Filter Settings







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MORE INFORMATION:

- www.analog.com/isensor
- New Brochure: iSensor Motion Sensor Products
 - ◆ BR067755-2.5-4/08(A)

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