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# Quick Start Guide: ADS8681EVM-PDK



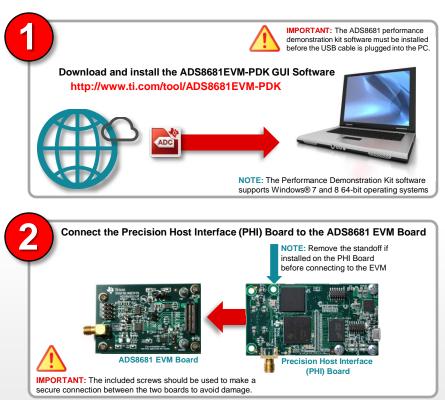
### **TEXAS INSTRUMENTS**

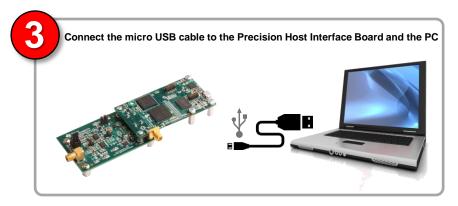
The ADS8681 Performance Demonstration Kit (PDK) is ideal for evaluating and starting development with the ADS8681 precision analog to digital converter. This kit is comprised of an ADC evaluation board (EVM), a precision host interface board (PHI), a micro USB cable and board attachment screws. The EVM features one SMA connector that supports unipolar or bipolar analog input signals for the ADC. The ADS8681 transfers data to the PHI board via the multiSPI™ digital interface. An easy-to-use PC-based application (GUI) is available to help evaluate the performance of the ADC on the ADS8681 EVM.

### ADS8681EVM-PDK Features:



## Quick Start Guide: ADS8681 SAR ADC Performance Demonstration Kit







#### Launch the ADS8681EVM-PDK GUI software on the PC from the 'Start' menu

An unipolar/bipolar input signal can be connected to the EVM's SMA connector and conversion results can be viewed using the GUI software.



The GUI software also include data analysis tools to evaluate the ADC's DC, AC and settling parameters.



TI E2E' Technical support for Precision ADCs can be found at http://www.ti.com/precisionadcsupport



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