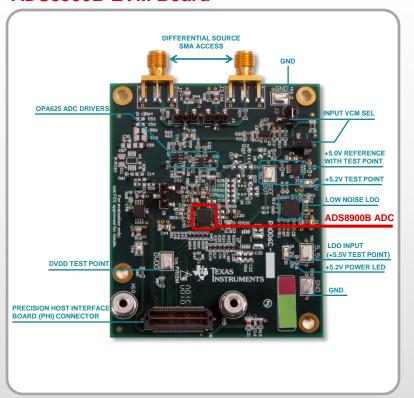
ADS8900B EVM Board



More information about Precision Analog SAR ADCs can be found at http://www.ti.com/precisionadc

Quick Start Guide: ADS8900BEVM-PDK



TEXAS INSTRUMENTS

The ADS8900B Performance Demonstration Kit (PDK) is ideal for evaluating and starting development with the ADS8900B precision analog to digital converter. This kit is comprised of a ADC evaluation board (EVM), a precision host interface board (PHI), a micro USB cable and board attachment screws. The EVM features two SMA connectors that support fully differential analog input signals for the ADC. The ADS8900B 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 ADS8900B EVM.



- 24pin QFN ADS8900B 20-bit, 1MSPS ADC
- OPA625 low distortion ADC drivers
- 5.0V REF5050 reference
- TPS7A4700 low noise LDO
- Fully differential SMA input connectors



SLYU041



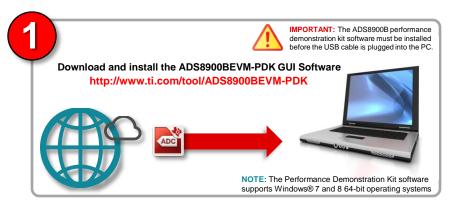
demonstration kit software must be installed before the USB cable is plugged into the PC. The software may be downloaded from http://www.ti.com/tool/ADS8900BEVM-PDK

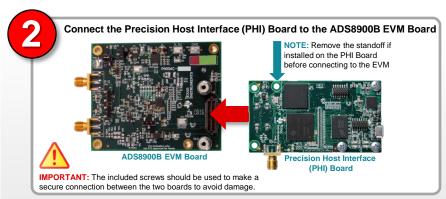
The complete user guide for the kit can be found at http://www.ti.com/lit/pdf/sbau269

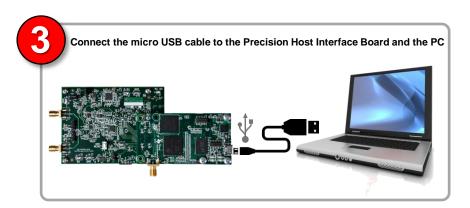
The platform bar and multiSPI are trademarks of Texas Instruments. All other trademarks are the property of their respective owners. © 2016 Texas Instruments Incorporated.

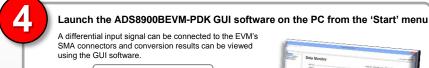
Quick Start Guide: ADS8900B SAR ADC

Performance Demonstration Kit











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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