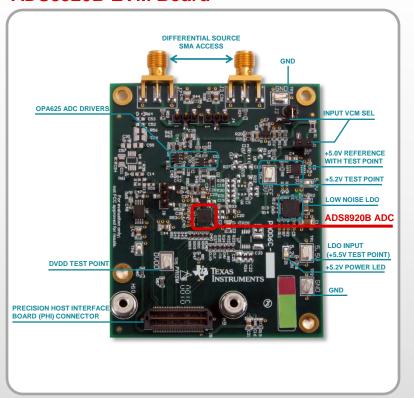
ADS8920B EVM Board



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

Quick Start Guide: ADS8920BEVM-PDK



TEXAS INSTRUMENTS

The ADS8920B Performance Demonstration Kit (PDK) is ideal for evaluating and starting development with the ADS8920B 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 ADS8920B 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 ADS8920B EVM.



- 24pin QFN ADS8920B 16-bit, 1MSPS ADC
- OPA625 low distortion ADC drivers
- Of A025 low distortion ADO dity
- 5.0V REF5050 reference
- TPS7A4700 low noise LDO
- Fully differential SMA input connectors



IMPORTANT: The ADS8920B performance

The complete user guide for the kit can be found at http://www.ti.com/lit/pdf/sbau270 http://www.ti.com/lit/pdf/sbau270

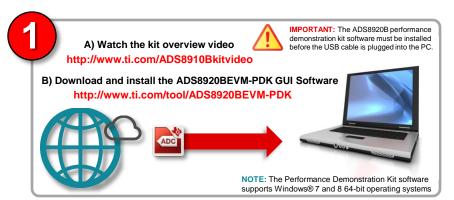
demonstration kit software must be installed before the USB cable is plugged into the PC. The software may be downloaded from http://www.ti.com/tool/ADS8920BEVM-PDK

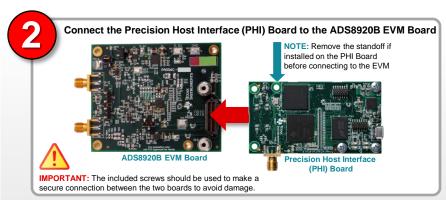
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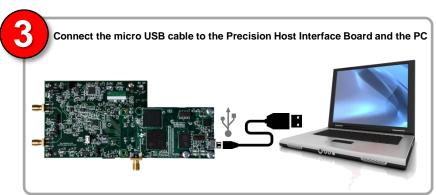
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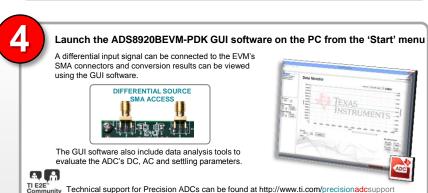
Quick Start Guide: ADS8920B SAR ADC

Performance Demonstration Kit









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