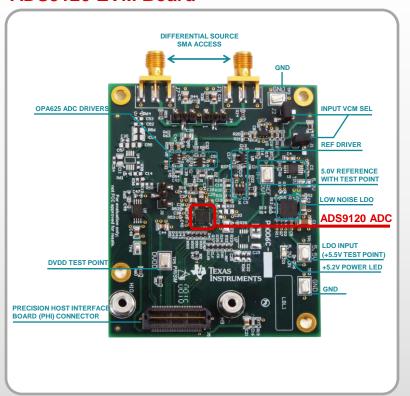
ADS9120 EVM Board



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

Quick Start Guide: ADS9120EVM-PDK



TEXAS INSTRUMENTS

The ADS9120 Performance Demonstration Kit (PDK) is ideal for evaluating and starting development with the ADS9120 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 ADS9120 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 ADS9120 EVM.

ADS9120EVM-PDK Features:

- 24pin QFN ADS9120 16-bit, 2.5MSPS ADC
- OPA625 low distortion ADC drivers
- 5.0 REF5050 reference
- OPA625+OPA378 composite zero-offset reference buffer
- TPS7A4700 low noise LDO
- Fully differential SMA input connectors



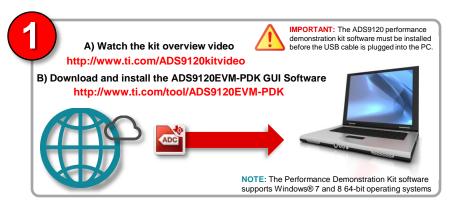


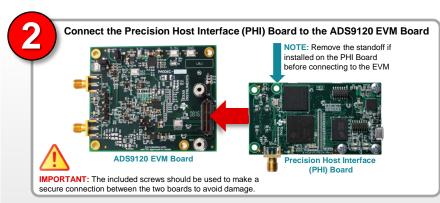
demonstration kit software must be installed before the USB cable is plugged into the PC. The software may be downloaded from http://www.ti.com/tool/ADS9120EVM-PDK

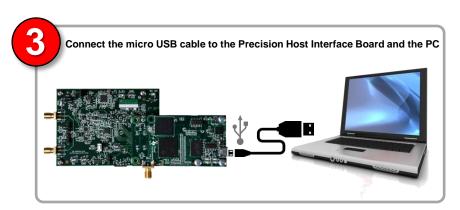
The complete user guide for the kit can be found at http://www.ti.com/lit/pdf/sbau262

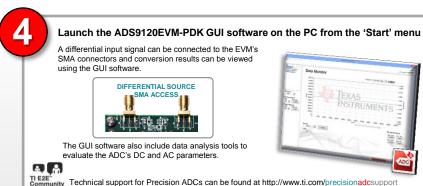
Quick Start Guide: ADS9120 SAR ADC

Performance Demonstration Kit









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