

Data Conversion

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+ MyLinear

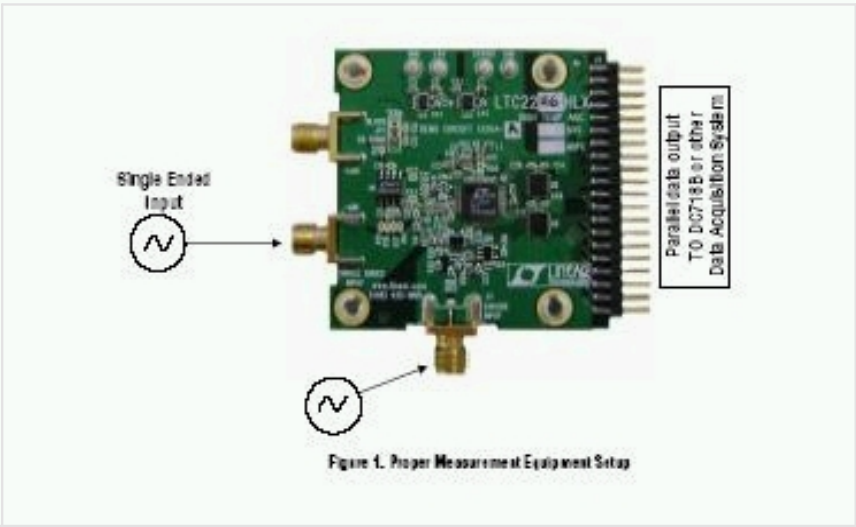
DC1350A-A - LTC2246HLX - Evaluation Kit

- FEATURES DESCRIPTION PACKAGING ORDER INFO SIMULATE 

FEATURES

- [To be used in conjunction with theDC718B- QuickDAACS USB Controller for QuickEvalII Evaluation Kits](#)
- **Disclaimer:** Linear Technology cannot assumeresponsibility for use of any circuitry other than circuitry entirely embodied in a Linear Technology product. No circuit patent licenses are implied. LinearTechnology reserves the right to change the circuitry and specifications without notice at any time.

TYPICAL APPLICATION



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DESCRIPTION

Demonstration circuit 1350 supports a family of 12 and 14-Bit 25Msps ADC. This assembly features one of the following devices: LTC2226H or LTC2246H high speed, high dynamic range industrialgrade ADCs. The versions of the 1350 demo board that support the LTC2246H family of 10 and 12Bit ADCs are listed on Table 1. Depending on therequired resolution, sample rate and input frequency, the DC1350 issupplied with the appropriate A/D. The circuitry on the analog inputs is optimized for analog input frequencies below 70 MHz. For higher operatingfrequencies, refer to the datasheet.

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PACKAGING

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ORDER INFO

- Part numbers ending in PBF are [lead free](#). Please contact LTC marketing for information on lead based finish parts.
- Part numbers containing TR or TRM are shipped [in tape and reel or 500 unit mini tape and reel](#) respectively
- Please refer to our [general ordering information](#) or the product datasheet for more details

Evaluation Kits

Part Number	Description	Price
<a href="#">DC1350A-A</a>	LTC2246H: 14bit 25Msps H-grade ADC in 7x7 LQFP48 (req DC718)	\$200.00
<a href="#">DC1350A-B</a>	LTC2226H: 12bit 25Msps H-grade ADC in 7x7 LQFP48 (req DC718)	\$200.00
<a href="#">DC718B</a>	none   USB Data Acquisition Controller for Controllin QuickEval Boards	\$300.00
<a href="#">Buy Now</a>		

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APPLICATIONS

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SIMULATE

The QuickEvalII System is a USBbased product demonstration and data acquisition system for use with Linear Technology's high performance ADC's. Thesystem consists of a USB Data Acquisition Controller board that connects to individual daughter cards for specific Linear Technology ADCs. The software collects and analyzes data from the ADC in both the time and frequency domains and displays relevant parameters for the device being evaluated. The software also provides an automatic update feature to keep the software current with the latest set of device drivers.

- [Click Hereto Download Software for the QuickEval II System](#)

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Documentation

Reference Design  
[DC1350A- LTC2246HLX / LTC2226HLX Evaluation Kit Quick Start Guide](#)