



AD9142 Evaluation Board

The [AD9142](#) evaluation boards...

Documentation and software updates for using High-Speed DAC Evaluation Boards are included in individual, self-extracting update files.

Files included in the AD9142 Update:

- SPI Application
- DPGDownloader Panel
- [AD9142 Data Sheet](#)
- [IBIS Model](#)

Item	AD9142-M5372-EBZ	AD9142-M5375-EBZ
Quick Start	ad9142-m5372-ebz	ad9142-m5375-ebz
Schematics	RevA	RevA
Bill of Materials	RevA	RevA
PCB Gerber Files	RevA	RevA
PCB BRD File	RevA	RevA
PCB Layout PDF	RevA	RevA

Download the [AD9142 Update](#)

Data Pattern Generator

The Data Pattern Generator is a bench-top instrument for driving vectors into Analog Devices' high-speed Digital-to-Analog converters. The DPG connects to a PC over USB, and allows a user to download a vector from their PC into the DPG's internal memory. Once downloaded, the vector can be played out to an attached Evaluation Board for a specific DAC at full speed. This allows for rapid evaluation of the DAC with both generic and custom-generated test data.

For more information on the DPG line of pattern generators and software:

- [DAC Software Suite](#)
- [DPG1](#) (obsolete)
- [DPG2](#)
- [DPG3](#)

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