

## AD9139 Evaluation Board

The [AD9139](#) 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 AD9139 Update:

- SPI Application
- DPGDownloader Panel
- [AD9139 Data Sheet](#)
- [IBIS Model](#)

Item	AD9139-EBZ	AD9139-DUAL-EBZ
Quick Start	<a href="#">ad9139-ebz</a>	<a href="#">ad9139-dual-ebz</a>
Schematics	<a href="#">RevA RevB</a>	<a href="#">RevA</a>
Bill of Materials	<a href="#">RevA RevB</a>	<a href="#">RevA</a>
PCB Gerber Files	<a href="#">RevA RevB</a>	<a href="#">RevA</a>
PCB BRD File	<a href="#">RevA RevB</a>	<a href="#">RevA</a>
PCB Layout PDF	<a href="#">RevA RevB</a>	<a href="#">RevA</a>

Download the [AD9142 & AD9139 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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