

Arrow and Analog Devices Online Resource Tools

Arrow Resources

We know there are many online resources available to help you with your product designs. We've compiled a short list of resources that Arrow and Analog Devices have made available to help you manage your designs – part selection, circuit simulation, schematic capture, BOM management and more. Arrow and our suppliers make sure you have the best tools to support your design activities – no matter where or when you are working.

Reference Design Resources

Rely on Arrow.com for 50,000+ reference designs that assist in building innovative ideas in automotive, industrial design, general power, and more.

Get Inspired with Reference Designs

Find reference designs from our suppliers and partners that you can use to start your project.

Arrow Design Center

Create and manage your projects.

My Projects

Getting Started

Set up project folders to save useful Arrow content, including reference designs. You can save content whenever you see this sign. ❤️

NEW PROJECT

DESIGN TOOLS & APPS

<p>BOM TOOL</p> <p>Upload, manage, and buy a Bill of Materials</p>	<p>ORCAD</p> <p>Free Cloud-Based CAD Tool</p>	<p>DEVELOPMENT KITS AND TOOLS</p> <p>Quick start boards for rapid prototyping</p>	<p>NEW!</p> <p>PCB QUOTE</p> <p>Quick turn quote for PCB and PCBA</p>
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Free tools and resources manage the product development life cycle.

ArrowPlus

Need engineering design and support services? Use ArrowPlus to find an expert to help with your design.

291,319 NEW

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ArrowPlus: Engineers On-Demand

From small tasks to full scale projects, get support today from our network of professionals.

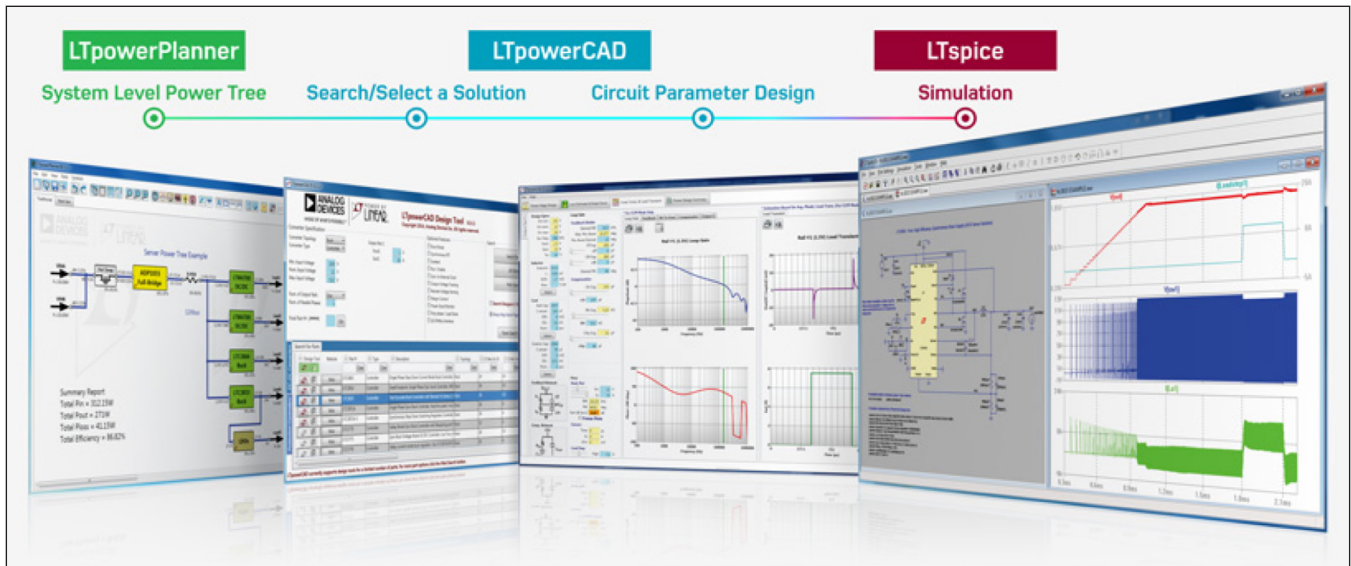
GET STARTED

Are you an engineer? Work on an Engineering Job

Analog Devices Design Resources

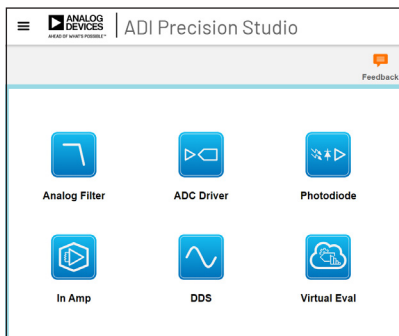
Power Management Tools

Analog Devices offers complete power management tools to make it easier to design better quality power systems and circuits.



Amplifier and Linear Tools

Design with confidence using these free tools for amplifier and linear circuit design, simulation, and product evaluation.



Data Converter Tools

Analog Devices' data converter design tools enable users to quickly and easily select, model, simulate and evaluate industry-leading data converter products.

The Precision ADC Driver Tool interface shows the following configuration and circuit details:

- ADC**: AD4000 (With Driver: ADA4805-1)
- Sample Rate**: 2M SPS
- Vref**: 5 V
- Enable high-Z mode**:
- Driver**: ADA4805-1 (Follower)
- Gain**: 1 V/V
- Rf**: 0 Ω
- +Vs**: 6 V
- Vs**: -600m V
- Input**: Single-ended

The circuit diagram shows an ADA4805-1 op-amp configured as a voltage follower. The non-inverting input (+) is connected to an AC source V_s and a common-mode voltage source V_{cm} . The inverting input (-) is connected to the output. A feedback resistor $R_{ext} = 200\Omega$ is connected between the output and the inverting input. The output is connected to the IN+ input of the AD4000 ADC. The ADC's IN- input is connected to ground. A capacitor $C_{ext} = 180pF$ is connected between the output and ground.

More design resources from Analog Devices can be found [here](#).