



**We are looking for  
amazing colleagues.**

Open position:

**Analog and mixed signal hardware engineer**

Learn more [➤](#)

# ➤ About Digilent

## About Us

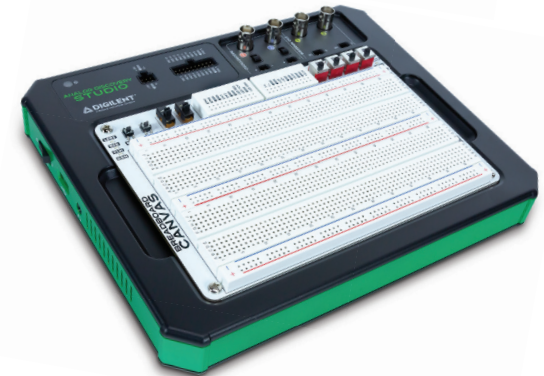
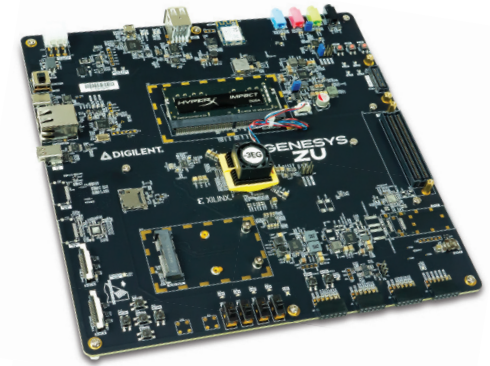
Since 2000, Digilent (a wholly owned subsidiary of NI) has provided embedded engineers, researchers, scientists, and students with cost-optimized products, tools, and application information for innovative, FPGA and SoC based hardware-software systems. Our customizable and flexible solutions will accelerate development time for even the most experienced professionals, while maintaining low barrier to entry for advancing engineers, students, and the perpetually curious.

From our competitive pricing to the portability of our products and comprehensive documentation, we value delivering accessibility and lowering barriers to progress for our customers.

Digilent products are used throughout the world. Based in Pullman, Washington, we have offices, R&D, and manufacturing across three continents, as well as an extensive global distribution network so our customers can get the products they need as quickly and cost-effectively as possible.

## What We Make

We specialize primarily in Xilinx-based FPGA/SoC development boards/kits and portable USB test and measurement devices, all designed to be owned by and used from an engineer's or student's desk. We also offer a variety of expansion modules (Pmods and Zmods) to create flexible I/O options for our other products.



# Analog and mixed signal hardware engineer

Digilent is looking for an analog and mixed signal hardware engineer to design FPGA based instrumentation products and development boards.

Send us your CV at

**jobs@digilent.com**

## **Responsibilities:**

- analog signal conditioning circuits for signal and data acquisition
- arbitrary waveform generator analog front ends
- drivers and interfaces between analog components and high speed data converters (ADC-s and DAC-s)
- power supplies and power distribution networks for complex boards
- validation and verification of prototypes
- provide information for documentation, demos and customer support

## **Required skills:**

- excellent knowledge of analog circuit design - amplifiers, filters, references, ADC, DAC
- knowledge of digital circuits
- knowledge of PCB layout design and signal integrity analysis is an advantage
- experience with circuit simulators (LTSpice, TinaTI, Pspice, etc.)
- ability to work through complex vendor datasheets

## **Hours**

Standard hours but may require limited adjusted hours to collaborate with our teams in US and Romania

We offer a stimulating work environment and prioritize work-life balance

## **Location**

“The Office”, building A, 2nd floor, 77th Boulevard 21 Decembrie 1989, Cluj-Napoca, Cluj County, 400604

## **Compensation**

Competitive salary, annual performance bonus, employee stock purchase plan, medical services subscription, and other benefits

We are changing how we work by offering more flexibility. NI has decided to take a hybrid approach (working both on- and off-site) at an aggregate level.

We know that different roles have different requirements, so we're embracing a full range of options.