



Digital Verification Engineer (m/f/div)*

Job description

Are you able to collaborate across boundaries and coordinate between various stakeholders? Do you bring a pioneering spirit as well as experience with digital verification methodologies and tools? Then take the chance and come on board! We have several open opportunities for you as Digital Verification Engineer! Joining us you will be part of an international team, working in close cooperation with our design teams to achieve verification goals, thus ensuring design and execution quality.

As a **Digital Verification Engineer** you will be a key part of the verification of digital IPs that drive and support HMI and Programmable System on Chip (PSoC) devices. You will be part of a dynamic and experienced team and your technical knowledge will lead us to the next level in our mission of excellence.

In This Role, You Will

- Be responsible for the **verification of digital designs** that drive and support mixed signal Capacitive Sensing IP & Subsystems;
- Be able to understand **requirements & specifications**;
- **Testbench Architecture & Development** (UVM);
- Be responsible for **IP verification** (Formal, SystemVerilog, UVM);
- Support the **Flow & Methodology improvements**;
- Review **board participation**.
- The successful candidate will also be expected to **lead a team** of verification engineers to accomplish these goals

Profile

You are best equipped for this role if you have:

- Bachelor/Masters/PhD Degree in **Electrical or Computer Engineering** or similar field with a focus on electronics;
- **7+ years** industry experience;
- **Development of verification environments and methodologies** at block and subsystem level;
- Extensive knowledge of **SystemVerilog / Verilog / OVM / UVM / VMM**;
- A willingness to **learn new methodologies** and to **teach and develop** junior engineers.

Why Us

At a glance

Location: **Cork (Ireland)**
Job ID: **348943**
Start date: **as soon as possible**
Entry level: **5+ years**
Type: **Full time**
Contract: **Permanent**

Apply to this position online by following the URL and entering the Job ID in our job search:

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Contact

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Talent Attraction Manager



Part of your life. Part of tomorrow.

Infineon is a world leader in semiconductor solutions that make life easier, safer, and greener. Our solutions for efficient energy management, smart mobility, and secure, seamless communications link the real and the digital world.

Automotive (ATV) shapes the future of mobility with microelectronics enabling clean, safe, and smart cars –

Our semiconductors are essential for supporting the automotive megatrends: electromobility, automated driving, connectivity, and advanced security. They link the real and the digital world, driving the ever-advancing pace of automotive digitalization. Infineon ATV is the number one semiconductor partner in the fast-changing automotive world, based on our system knowledge and our passion for innovation and quality. [Click here](#) for more information about working at ATV with interesting employee and management insights and an overview with more #ATVDreamJobs.

Automotive Microcontroller: We make cars clean, safe and smart

As a leading automotive microcontroller vendor, the Infineon business line **Automotive Microcontroller (ATV MC)** offers the industry's most comprehensive vehicle microcontroller portfolio and complements it with software. We serve automotive key applications, such as powertrain, advanced driver assist, chassis, body, instrument cluster and infotainment. We also address high-performance dependable computing, real-time domain and zone control, smart sensing and affordable artificial intelligence (AI) applications enabling the next stages of automated driving as well as higher levels of car connectivity, digitalization and security.

Being at the core of this transformation, ATV MC contributes to shape the future of mobility enabling clean, safe and smart cars. So join us to create a better future together.

#AutomotiveMicrocontroller

** The term gender in the sense of the General Equal Treatment Act (GETA) or other national legislation refers to the biological assignment to a gender group. At Infineon we are proud to embrace (gender) diversity, including female, male and diverse.*

