



Plovdiv, 01.06.2023

## Senior ASIC Verification Engineer

3db Technica LTD (Plovdiv) is the Bulgarian partner of 3db Access AG (3db), a Swiss-based UWB chip technology provider. 3db is a pioneer of secure low power single-chip UWB technology with standardized within IEEE 802.15.4/4z/4ab scientifically proven secure ranging. 3db UWB technology is in mass production in the automotive industry and provides lowest power consumption on the market for passive entry and start systems and smallest silicon area.

Our technical pursuit is centimeter-precise, low-power and secure UWB location technology. Our market vision is to lead next generation keyless access control to vehicles, buildings, and mobile payments as well as centimeter-precise indoor and outdoor localization for tracking and navigation such as industrial and home automation, wearable technology, and IoT.

### About the role

Are you aspiring to apply your engineering skills to digital circuit design verification for wireless communication System on Chips (SoC)? Do you thrive on working in a multi-cultural team and colleagues with strong experience in RF and digital design? Are you open minded and have the desire to develop yourself in chip verification?

If your answers are yes and the main responsibilities below seem attractive to you, please send us your CV with brief motivation on <https://www.3db-access.com/contact>

### Your main responsibilities will include:

- Digital design verification;
- Building, extending and improving of complex, automated, self-checking verification environments;
- Constrained random verification;
- Defining test plans and tests development;
- Running and analysing simulations;
- Code and functional coverage set up and analysis;
- Specifications writing;

### About you

#### Technical skills and education

- Successfully completed Bachelor or Master degree
- Previous working experience on ASIC verification;
- Experience with Verilog/VHDL, SystemVerilog; UVM is a plus; Python is a plus.
- English language working level

#### Personal skills and interests

- With you we win a standout colleague, who contributes actively to our team spirit
- High degree of own initiative and interest for interdisciplinary work
- You have strong interest in growing your expertise in digital verification



## **Benefits for working at 3db**

- Get broad learning experience thanks to working in a very motivated expert team;
- Get hands-on on a complex ASIC and get deep understanding of it;
- Develop yourself as an expert in digital verification and design of wireless chips
- Flexible working times;

If you have a suitable profile and are interested to be part of the 3db team, we will be delighted to receive your motivation letter and CV.

All applications will be treated with strict confidentiality.