



IC Digital Design Engineer

About us: VoxelSensors is a young fabless semiconductor startup looking to provide the SPAES™ sensors for sequential 3D depth systems. We are ahead of the game, aiming to outperform technologies such as LiDAR, ToF, and stereoscopy by a factor of 100x. Our focus is to enable low-power, accurate depth systems based on our unique and patented sensor technology. We aim to give autonomous vehicles, robotic machines, smart VR and AR glasses and mobile devices the eyes they need to intelligently see, map, and sense the world in motion. You will join our founding team of seasoned entrepreneurs and technologists.

VoxelSensors is hiring an enthusiastic **IC Digital Design Engineer** with a natural drive for continuous improvement. You are creative and self-dependent and possess an analytic mind for complex problem-solving. As a key member of the IC design team, you will be responsible for the digital architecture and implementation of our SPAES™ sensor family.

Your core responsibilities at VoxelSensors will include:

- Design and development of digital logic for the next generation of SPAES™ sensors
- Take ownership of the IC design activities from initial concept and architecture to GDSII and production ramp
- Perform and supervise RTL coding, synthesis, and timing closure
- Lead functional verification and gate-level simulations to ensure first-time-right silicon
- Define production test plans (DFT) and perform lab validation in coordination with cross-functional teams

Your profile:

- At least 10 years of experience in IC Digital design
- At least 5 years of experience with Image Sensors or high-speed data processing
- You have an excellent design methodology with a proven track record of successful tape-outs
- Strong knowledge of digital signal processing, clock domain crossing, and low-power design
- Knowledge of 3D sensors, ISP pipelines, or SoC integration is a plus
- Expert experience with relevant CAD tools (Synopsys or Cadence suites for Design, Synthesis, P&R, and Verification)
- Excellent team player with a leadership spirit and the ability to mentor junior engineers
- A solid mastery of technical English in verbal and written communication is essential



You will be part of an exciting venture in a booming field of depth sensing and ranging.

We offer you:

- a dynamic international environment
- a highly motivated senior team with background in Europe, Asia, and the US
- excellent growth opportunities as we develop the company together
- a competitive compensation package tailored to your needs

You need to know that the office is located in Brussels, Belgium. We offer a hybrid work model to combine the benefits of in-person collaboration with the flexibility of remote work to help us achieve our ambitious goals. Our company is committed to fostering an inclusive, high-performance culture where all employees are valued for their unique contributions and individual merit.

The next step will be for you to get in touch with hr@voxelsensors.com with your latest resume and two paragraphs about yourself. Our HR team will evaluate your resume and will invite you for an interview when qualified.

**Privacy notice:**

By submitting your application and resume by email, you acknowledge that your personal data contained in such documents will be collected and processed by VoxelSensors SRL/BV (a company with registered offices at Cantersteen 47, 1000 Bruxelles (Belgium) and registered with the Crossroads Bank for Enterprises under company number 0745.364.628 – “VoxelSensors”) for the purpose of managing your application. VoxelSensors processes such personal data on the basis of its legitimate interests (i.e. managing your application). VoxelSensors has implemented appropriate technical and organisational measures in order to safeguard your personal data against any accidental or illicit destruction, accidental loss, modification, deterioration, usage, access, divulgation and against any other unauthorized processing of your personal data. VoxelSensors will not make your personal data publicly available. Steps will be taken to ensure that your personal data is not kept for longer than is necessary. Your personal data will be retained for as a long as necessary to manage your application and for no more than two (2) years following the termination of your potential recruitment process (to contact you in case a new job offering may fit your profile) or five (5) years following the termination of your employment, as applicable, unless VoxelSensors has a specific legitimate interest in storing your personal data for a longer period (e.g. to comply with a legal obligation or in the framework of a litigation). Any personal data which is contained in VoxelSensors’ or any of its processor’s regular backups will not be deleted, provided that any such personal data shall remain subject to the applicable confidentiality, data privacy, and security obligations until destroyed.