

Position: Senior Analog Engineer
Location: Cork, Ireland



Description

SensL is the leading manufacturer of analog Silicon Photomultiplier (SiPM) and Single Photon Avalanche Diode (SPAD) products. The Senior Analog Design Engineer will work on the development of the next generation products for Automotive LiDAR required for ADAS and Autonomous Driving vehicles. The ideal candidate will have a strong background in analog and mixed-signal design particularly with experience in front end electronic sensor readout. The position will involve the development of discrete analog designs interfacing to the current line of SensL analog sensors and the development of new readout architectures in CMOS integrated mixed-signal sensor solutions. Designs derived from this work will be fabricated in SensL partner foundries which are among the leading foundries in the world. This position will suit an experienced analog or mixed-signal design engineer who is looking to work in a new and dynamic area with an innovative profitable company poised for rapid growth.

Experience and Skills Desired

- Proven expertise in the use of industry standard integrated circuit design, simulation and verification tools (Cadence and Mentor)
- Experience working with PDKs from various vendors
- Experience with standard simulation tools such as SPICE
- Experience in high performance analog and mixed-signal CMOS integrated circuit design required
- Experience in analog front end design for sensor readout desired
- Experience working with analog discrete electronics
- Continuous track record of tape outs and increasing roles of responsibility in previous positions required
- Semiconductor device physics knowledge is required
- Experience with test and measurement requirements and ability to prescribe the testing required to validate their fabricated designs

Qualifications

- Bachelor's degree in electronic engineering, physics or related discipline, M.Sc. or Ph.D. is desired
- A minimum of 4 years' experience in analog or mixed-signal analog IC Design
- Excellent verbal and written communications skills
- Ability to execute multiple tasks efficiently and effectively
- Strong interpersonal and an ability to work well in a team

Additional Information

This position carries an attractive salary, stock options, health coverage and employer pension contribution. This position is full time and based at SensL's corporate headquarters in Cork, Ireland. Please send your CV/Resume to jobs@sensl.com