

Position: Process Integration Engineer
Location: Cork, Ireland



Description

SensL is the leading provider of low light sensors based on its solid-state single photon avalanche diode (SPAD) and silicon photomultiplier (SiPM) technology. SPAD and SiPM sensors are a disruptive and enabling technology that replaces the aging vacuum tube based photomultiplier, avalanche photodiode and PIN photodiode. The main markets for our products are in Medical Imaging, Radiation Detection and Automotive LiDAR for ADAS and Autonomous Vehicles. SensL has pioneered the production of its sensor technology in high volume, industry standard, CMOS fabrication facilities delivering unprecedented performance, uniformity, quality, reliability and low cost. SensL enables OEM customers to develop new classes of products based on our low light sensors performance, size, robustness and low power operation. SensL provides the ideal candidate with a unique opportunity to work with a profitable, growing, high tech company involved in the latest technology trends such as self-driving vehicles, cancer detection and cloud based radiation monitoring.

The Process Integration Engineer will be a member of the engineering team, working directly with SensL's foundry partners on process and test development and assist in process improvement of existing production processes.

Experience and Skills Desired

- Experience with process development and CMOS process module integration
- Experience with statistical data analysis techniques and excellent analytical and problem-solving skills
- Experience in failure analysis and debug of semiconductor processes
- Experience working with production test and volume data analysis
- Ability to work closely with others in a cross-functional team environment

Qualifications

- M.Sc. in Electrical Engineering, Microelectronics, Optoelectronics or Physics
- 2+ years of working experience in a wafer fabrication facility
- Excellent verbal and written communications skills
- Strong interpersonal skills 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