

Senior Process Development Engineer

Kionix, Inc., a global leader in the design and fabrication of high-performance sensors, has an immediate opening for a Senior Process Development Engineer. This position is not eligible for visa sponsorship. Must have unrestricted authorization to work in the U.S.

Education/Training

- B.S. or M.S. in Electrical Engineering, Material Science, or related field

Key Requirements

- 5+ years experience with MEMS process development
- Experience with multiple semiconductor fabrication processes such as silicon, metal, and dielectric etching; metal, LPCVD polysilicon, and dielectric deposition, and lithography
- Strong preference to candidates with MEMS specific process experience such as through-wafer etching, TSVs, wafer to wafer bonding, and HF release
- Proficient at using design of experiments, failure analysis methods including FESEM, and statistical process control
- Self-motivated and adept at oral and written presentations

Key Responsibilities

- Hands-on process development for MEMS inertial sensors in a team setting with process and design engineers
- Identification and solution to process integration problems involving MEMS sensors
- Interaction with the design group to explore tradeoffs between process and design objectives, to achieve an optimal system design
- Transfer of new sensor processes to a production setting
- Interaction with external vendors to demonstrate and procure new equipment and processes
- Application of statistical analysis and process control for critical parameters

***Kionix, Inc. is proud to be an Equal Opportunity
and an Affirmative Action Employer***