

## Job Title: Laser Processes Engineer

Enovix is hiring a broad range and large number of positions to bring up and support its new 50,000 ft<sup>2</sup> Li-ion battery production facility in Fremont, California.

### **Job Summary:**

This key individual will be responsible for developing high volume laser production processes for electrode patterning and laser welding used in the fabrication of Enovix' industry leading 3D Silicon batteries

### **Responsibilities:**

- Develop high speed laser ablation and dicing processes for battery electrodes
- Develop laser welding processes for electrical and mechanical connections
- Commission and qualify first of a kind automated laser processing equipment
- Create and maintain SOPs and work instructions.
- Lead troubleshooting efforts to understand and mitigate process and quality excursions
- Own and drive continuous improvement of yields, throughput and cost
- Define process requirements for next generation automated laser processing equipment

### **Skills & Qualifications:**

- PhD in Engineering, Physics, Optics, or equivalent
- Proficiency with laser ablation, laser dicing and laser joining processes
- Minimum 10 years in laser related industry or related academic field
- Experience with high volume laser processing equipment
- Experience working in high volume and pilot production environments
- Desire to work in a hands on environment
- Track-record of solving problems in high-volume manufacturing and R&D
- Strong communication and documentation skills
- Proficiency in SPC, DOE, FMEA and statistical analysis
- Eligible to work in the United States

### **About Enovix:**

Enovix has developed a patented 3D lithium-ion battery architecture with 50-100% more energy than conventional cells. Our product has been tested and validated by industry giants in the mobile electronics and EV markets. In 2020 we are building our first automated battery production line in Fremont, California to supply these customers. We are backed by over \$200m in strategic investment from Tier 1 customers and industrial partners such as Intel, Qualcomm, and Cypress. We've been awarded over 70 patents on our proprietary technology that give us a long term advantage in the battery space.

Come join our dynamic team to revolutionize the battery industry and the devices they power!