



Process Integration Engineer

Ferric is seeking a driven individual to be part of our Process Engineering Team. This person will develop new fabrication processes for Ferric's magnetics technology, and oversee the transition of new technologies to high-volume production, while ensuring that standards for quality and manufacturability are met.

Primary Responsibilities:

- Work with IC and component design teams to define magnetics and packaging technology for integrated power converter products
- Develop process flows and design of experiments for magnetics fabrication and component assembly
- Implement and evaluate wafer fabrication processes that include photolithography, PVD, electroplating, and wet etch
- Assess scalability of manufacturing processes

Minimum Qualifications:

- A Master's degree in Electrical Engineering, Physics or a related discipline
- 5+ years experience with IC package design and design for manufacturing review
- Hands-on experience in semiconductor wafer processing
- Strong experience in data analysis and demonstrated critical thinking skills
- Background in MEMS or CMOS development or manufacturing
- Experience working with interdisciplinary teams
- Industry experience in Etch, Cleans, Lithography and/or Thin Films
- Ability to work in both a clean room environment and an office environment
- Must be able to don and wear Personal Protective Equipment as required.

Desired Characteristics & Attributes:

- Excellent written and verbal communication skills required
- Ability to work well with others in a fast-paced, collaborative team environment

Who we are:

- Ferric is a technology startup based in New York City that is pioneering an entirely new approach to power delivery for integrated circuits and electronic assemblies. This approach leverages Ferric's integration of thin-film magnetic inductors with CMOS semiconductor technology to enable a significant improvement in the integration density and efficiency of voltage regulators compared with existing technologies.

Location:

- New York, NY

How to apply:

- To apply for this position, send your resume and a cover letter to careers@ferricsemi.com

Ferric is unable to provide sponsorship for employment visa status for this position.