



Integration Engineer for Spin-Torque MRAM Development

Everspin Technologies is searching for exceptional candidates to fill a Member of the Technical Staff position in Spin-Torque MRAM development.

Scope of Responsibility/Expectations

Work closely with other team members on a coordinated effort in spin-torque MRAM development. Work with engineers from our FAB in the US and overseas FAB partners to transfer technology. Interact with cross function teams and use knowledge of defect process correlations to setup guidelines for the process engineers to troubleshoot defectivity and improve yield. Use design of experiments and work with the process team for yield improvement and process robustness. Work closely with the device group to get feedback on yield issues and translate them into process improvement projects for the group.

Specific Knowledge

- Knowledge of design of experiments
- Worked in a copper BEOL (200mm or 300mm) process line
- Good understanding of SPC methods and its application to process
- Good grasp of interaction of various process modules as they relate to device data
- Statistical analysis techniques to correlate magnetic and electrical data from MTJ devices

Education and Experience

M.S. or Ph.D. of education and experience in a relevant science or engineering field is required. A minimum of 5 years FAB experience as an metal or dielectric etch engineer is required for this position. Team work skills are a must for this position.

The Company

Everspin Technologies is the world's first volume MRAM supplier and continues to lead the industry by advancing the technology and expanding its MRAM product portfolio. Open positions are available at the company headquarters located in Chandler, Arizona (greater Phoenix metropolitan area) and at a partner site in Singapore. It is a salaried position that includes benefits including: medical, dental, vision plan, paid time off, and a 401k retirement plan.

Contact

Please send resume to jobs@everspin.com