



## **Etch 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. Transfer and develop etch processes for in-plane and out-of-plane ST-MRAM devices from Everspin's 200mm FAB to partner 300mm FAB. Use design of experiments for process development. Interact with the device group to get feedback on the process developed and fine tune / define the next set of experiments. Use SPC methods to keep the process in control and improve its capability over time. Interact with cross function teams to accomplish yield enhancement.

### **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
- 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 3 years FAB experience as a 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](mailto:jobs@everspin.com)