



Example of Process Integration Engineer Job Description

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Our innovative and growing company is hiring for a process integration engineer. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

Responsibilities for process integration engineer

- Designing and Developing Services using various BPM Adapters like Web Services, MQ, File & eMail adapters
- Define device architecture, technology design rules and electrical target specifications
- Create technology process flows with process specifications
- Process module development and characterization
- Define test structures for process integration and process module development
- Design statistical experiments and analyze results to optimize device architecture and/or process modules
- Coordinate process unit and process module development
- Drive process and device optimization
- Facilitate process improvements and/or fixes for problems of poor reliability or low yield
- Support Process Engineering and Yield Engineering groups to improve process quality and yield of technologies released to manufacturing

Qualifications for process integration engineer

- Ideally, the candidate will have a thorough knowledge of mainstream memory technologies and understanding of the challenges and opportunities facing alternative memory technologies

- MS in Electrical Engineering, Physics, related field or equivalent work experience
- MS or PhD in Engineering, Chemistry, or Physics
- Expertise in metrology and process control schemes for planarization
- Experiences with systems and tool set in wafer line