



Unlimited Ingenuity

For more information and to apply for this position, email us on hr@intelligentmemory.com

Intelligent Memory Limited

www.intelligentmemory.com

PCB Design & Simulation Engineer

Job Responsibilities

- Responsible for PCB layout design, SI / PI simulation, liaison with PCB supplier for DfX issues and sample making.
- Work as member of design team for memory products and Tester design, development, testing and failure analysis.
- Use PCB design and simulation software to perform hardware schematic, components library build up, PCB layout design and simulation.
- Transform research results and past experience into PCB design guidelines, constraints, and specifications for design platform, and drive consistent design quality.
- Implement system design simulation model, drive and develop SI / PI high speed PCB analysis plan, Eye diagram and jitter analysis via Chip-package-board co-simulation.
- Support the system validation and testing after PCB design and simulation.

Requirements

- Bachelor's degree in Electronics / Computer Engineering or related field, minimum 2 years of relevant experience;
- Familiar with Mentor Graphics PADS design and Hyperlynx simulation software, and / or Cadence Allegro PCB design and Sigrity simulation software;
- Candidate must have experience in high-speed PCB design, SI / PI analysis;
- Good knowledge for Memory devices such as DRAM, NAND Flash will be an added advantage;
- Self-motivated and self-directed, able to manage project progress to meet deadline;
- Good problem-solving and interpersonal skills.
- Good team player with ability to communicate technically in a multi-national and multi-cultural working environment.
- Good English language skills, both written and spoken, are needed.