

Staff / Senior IC Product Engineer

Job Description:

- Responsible for interfacing with the Wafer Fab counterparts on topics such as, yield improvement, process optimization and process-related deviation.
- Responsible for analysis of ATE test results, PCM data, Part Average Test results.
- Support Electrical and Physical failure analysis to understand failure mechanism.
- Interact with FE, design, concept and test engineers to drive for product robustness and test coverage improvements.
- Drive root cause findings to support risk assessment and quality improvement programs.

Qualifications:

- Master or Degree in Electrical/ Electronic Engineering or equivalent

Experience / Knowledge:

- Good knowledge in FE Wafer processes and fabrication of CMOS products.
- Experience in product development, embedded circuit design, design and test of digital/ analog circuits. Preferably with Micro-controller product know-how
- Strong technical background with proven experience in IC electrical failure analysis using either
- Bench or ATE and fault localization techniques.
- Strong analytical and data management skills to derive recommendations or conclusions.
- Good knowledge in UNIX, Ms Office & programming (C, C++, Perl and/or assembly language)
- Self-starter and team player with good communication and analytical skills