



Job Description

Senior Product Engineer

Scope

Our rapidly growing business supplying mixed-signal and RF ICs into television products requires a versatile and energetic contributor to ensure that cost-effective product reliability/quality goals are achieved.

Key Accountability Areas

- Find methods to reduce product cost by “designing in” manufacturability.
- Find methods to reduce product cost by improving the manufacturing process.
- Resolve customer manufacturing/quality issues.

Typical Activities

- Support component packaging development for new IC products.
- Work with test, design, and applications engineering on characterization of new products.
- Interact with marketing, sales and design engineering to coordinate NPI (New Product Introduction) activities related to customer manufacturing requirements.
- Participate in the development and continuous improvement of the company quality management system.
- Work with the cross-functional engineering teams to ensure ICs are optimised for testability, manufacturability, and reliability.
- Track subcontractor process yields, maintain reports, and investigate variances from expected yield targets.
- Help resolve customer queries.
- Plan, schedule, and implement product qualification activities.

Requirements

- Minimum Bachelor’s degree in Electrical Engineering with 5 or more years of work experience in the semiconductor industry, specifically in product engineering, ATE test, design, or quality and reliability.
- Strong experience in NPI.
- Areas of knowledge/experience:
 - Assembly
 - Failure Analysis
 - Packaging
 - Reliability
 - Analog or Mixed-Signal Test
 - Wafer Fabrication
 - Production Test
- Willing to travel in support of subcontractor sourcing requirements.
- Strong written and oral communication skills.