CareerCross by JAC Recruitment

PR/158356 | Senior FA Engineer

Job Information

Recruiter
JAC Recruitment Malaysia

Job ID
1509184

Industry
Other (Manufacturing)

Job Type
Permanent Full-time

Location
Malaysia

Salary
Negotiable, based on experience

Refreshed
December 11th, 2024 15:32

General Requirements

Minimum Experience Level
Over 3 years

Career Level
Mid Career

Minimum English Level
Business Level

Minimum Japanese Level
Business Level

Minimum Education Level
Associate Degree/Diploma

Visa Status
No permission to work in Japan required

Job Description

Senior FA Engineer

A fast-growing organization in Penang Island is looking for experienced Failure Analysis Engineer.

Job Description:

- Perform power supply or system level failure analysis to support RMA and internal/external customer issues.
- Debugging and functionality verification of AC/DC switching power supply modules in various topologies
- Perform fault isolation and defect analysis/ characterization on power IC's to identify root causes of product failures in reliability test, production test, and/or power supply applications.
- Provide comprehensive technical reports to customers on findings from product/power supply failure investigations.
- Advise internal and external customers regarding corrective actions based on the results of the analysis.
- Visit customers as necessary to resolve customer satisfaction issues arising from any quality problems and/or customers' perceptions
- Liaison person resolving customers' production and field quality problems

Job Requirements:

- Must have direct experience in customer interface on resolution of customer quality problems.
- At least 8 years of engineering experience in Switch-mode Power Supply applications, and analog, and/or mixed

signal integrated circuit devices.
- Experience in technical problem solving of switch mode power converters.
- Experience in failure analysis of power semiconductors, analog, and/or mixed signal IC devices.
- Hands-on experience in system level bench test, failure analysis, and electrical fault isolation and defect characterization tools and techniques such as the following: Oscilloscopes, Waveform Analyzer, EMI Analyzer, ESD Simulator, ATE, curve trace, micro-probing, light emission microscopy, OBIRCH, liquid crystal, CSAM, XRAY, FIB, SEM and reprocessing techniques.
- In-depth understanding of transformer design, digital and analog circuits, device physics and IC fabrication processes.
- Ability to interpret system level schematics, the IC level schematics, and IC layout of CMOS and bipolar devices is required.

Apply below:

Company Description