



## PR/158356 | Senior FA Engineer

### Job Information

**Recruiter**
[JAC Recruitment Malaysia](#)
**Job ID**

1512433

**Industry**

Other (Manufacturing)

**Job Type**

Permanent Full-time

**Location**

Malaysia

**Salary**

Negotiable, based on experience

**Refreshed**

February 5th, 2025 11:01

### 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:

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Company Description