



## Supplier Quality Assurance Engineer

### Job description

You have 5 years of experience with manufacturing and/or supplier quality activities to include initiating quality preventative actions and identifying manufacturing supplier risks. Even better, you have led supplier quality audits to ensure compliance requirements. If so, let us support your growth while you strive to improve the supplier approval process and gain valuable experience in assuring our products meet the quality requirements of our customers!

Infineon's International Rectifier HiRel Products, Inc. division markets components that meet particularly high demands and survive under extreme environmental conditions. Application areas include space systems, commercial aviation, medical, oil and gas drilling, undersea telecommunication cable and defense technologies. IR HiRel offers a comprehensive portfolio of power management solutions with highly reliable, robust discretes and ICs, high temperature DC-DC converters, solid state relays and motor controllers.

#### In your new role you will:

- **Support the supplier approval process** by assessing supplier manufacturing, process stability, controls, technology capabilities and business risks
- Work with Process and Manufacturing Engineering teams to **define process parameters and criteria** to ensure supplier process capability is effective to meet product and process requirements
- **Lead supplier quality audits** to evaluate compliance to **ISO Quality Management System**, product quality controls, technology capabilities, process stability and ability to meet IR HiRel quality requirements
- Review supplier documentation, procedures, critical characteristics and inspection results across all areas at supplier location, **supporting inspection and test status requirements** defined by standards, engineering product specifications or Control Plans
- Initiate preventive quality actions when needed and follow-up of actions
- Review and **identify supplier manufacturing risks** and improvement potential
- Promote the use of preferred techniques for continuous improvement such as **Lean, Six-Sigma, Poka-Yoke** (Error Proofing), **Measurement System Analysis** and **FMEA** (Failure Mode and Effects Analysis)
- Inform and educate suppliers about IR HiRel supplier requirements and supplier performance objectives
- Assist Purchasing, Quality Assurance, Engineering and Manufacturing departments with supplier quality matters

### Profile

#### You are best equipped for this task if you have:

- BS degree in Industrial, Mechanical or Electrical Engineering

### At a glance

Location: **San Jose, CA**  
Job ID: **39684**  
Start date: **immediately**  
Entry level: **3-5 years**  
Type: **Full time**  
Contract: **Permanent**

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- **5 years of experience** in supporting design, development, manufacturing and/or supplier quality activities
- **ASQ certification** or ability to demonstrate proven results with Advanced Product Quality Planning (**APQP**) with suppliers
- Familiarity with Electronics Standards, such as **JEDEC, MIL-PRF-38534** or **MIL-PRF-19500**
- **AS 9100/ISO 9001** quality system and process audit experience
- Experience implementing Product Part Approval Process (**PPAP**) tools
- Certification as a **Lead Auditor** is a plus

Infineon **Power & Sensor Systems (PSS)** semiconductors play a vital role in enabling intelligent power management, smart sensitivity as well as fast and reliable data processing in an increasingly digitalized world. IR HiRel, part of Infineon PSS, is a leader in high-reliability, rad hard power management and RF solutions for space and other extreme environments.

Our leading-edge power devices make chargers, adapters, power sources and lighting systems smarter, smaller, lighter and more energy-efficient. Our trusted sensors increase the context sensitivity of “things” and systems such as HMI, and our RF chips power fast and reliable data communication.

– **We drive leading-edge power management, sensing and data transfer capabilities** –

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