



【900～1300万円】Principal Test Engineer

日本ルメンタム株式会社での募集です。商品企画・商品開発（技術系）のご経験のあ...

Job Information

Recruiter

JAC Recruitment Co., Ltd.

Hiring Company

日本ルメンタム株式会社

Job ID

1576002

Industry

Electronics, Semiconductor

Company Type

International Company

Job Type

Permanent Full-time

Location

Kanagawa Prefecture

Salary

9 million yen ~ 13 million yen

Work Hours

09:00 ~ 17:30

Holidays

【有給休暇】初年度 22日 4か月目から 【休日】完全週休二日制 祝日 リフレッシュ休暇、育児・介護休暇、パースデー休暇 有給...

Refreshed

June 26th, 2026 03:00

General Requirements

Career Level

Mid Career

Minimum English Level

Business Level

Minimum Japanese Level

Native

Minimum Education Level

Bachelor's Degree

Visa Status

Permission to work in Japan required

Job Description

【求人No NJB2352582】

Job Summary:

We are seeking a highly experienced and dynamic Test Engineering lead to drive and manage our Test Development in Japan for EML and CW laser product lines. This role will be responsible for overseeing the development and implementation of world class testing strategies methodologies and tools to ensure product excellence. The ideal candidate will have extensive experience in driving innovation in testing practices scaling testing operations for complex products in a fast paced

environment while driving collaboration and decision making to move actions forward with internal key stakeholders in operations and product R D.

Key Responsibilities:

- Develop implement and release to factory test strategies processes and tools that meet the required speed scale cost and quality for EML and CW laser production
 - Identify and drive initiatives for test automation process improvements test time and cost reductions and yield improvements
- Lead troubleshooting and FA activities in coordination with Operation teams and Suppliers so to exceed tester uptime/utilization targets. Collect consolidate and analyze information on testing capabilities issues and key findings and prepare a comprehensive report for review and decision making
- Define and drive the adoption of best practices across different suppliers and products to drive standardization including agile development automation verification release processes database and documentation
 - Manage testing lifecycle from planning and design to execution and release to factory ensuring test coverage across different products collaborating closely with R D and Operations teams.
 - Lead and mentor Test Engineering team members in Japan and drive and foster zero defect culture continuous improvement and accountability to deliverables.

Required Skills

Qualifications:

- Bachelor's degree in electrical engineering Physics Computer Science or a related technical field (Master's degree preferred)
 - Minimum 7 years of hands on experience in test engineering and test development for laser and/or VCSEL products at the wafer chip and CoC levels as well as for optical transceiver modules
 - Proven track record of developing validating and deploying advanced optical test solutions in high volume manufacturing environments
 - Demonstrated experience leading external suppliers in the design development qualification and release of automated test solutions to production
 - Strong understanding of test solution release process to production such as correlation GRR and SPC
 - Knowledge of test development tools such as JIRA Confluence and data analytics systems
 - Deep understanding of optical electrical and thermal testing principles instrumentation and test automation software.
- Experience with yield analysis root cause investigation and statistical process control (SPC) .
- Excellent problem solving troubleshooting data analysis and data driven analytical mindset
 - Leadership and project management skills including the ability to influence collaborate and drive decisions effectively across cross functional teams (R D Operations Quality and Suppliers) .
 - Exceptional communication skills both written and verbal with the ability to present complex data clearly and persuasively.
 - English language fluency is a plus

Company Description

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