



PR/159928 | Sr. Electro Acoustic Engineer – Microphone

Job Information

Recruiter

[JAC Recruitment Malaysia](#)

Job ID

1569636

Industry

Other (Manufacturing)

Job Type

Permanent Full-time

Location

Malaysia

Salary

Negotiable, based on experience

Refreshed

January 6th, 2026 04:00

General Requirements

Minimum Experience Level

Over 6 years

Career Level

Mid Career

Minimum English Level

Fluent

Minimum Japanese Level

None

Minimum Education Level

Associate Degree/Diploma

Visa Status

No permission to work in Japan required

Job Description

Our client is a global technology company specializing in high-performance audio and precision electronic components. Their business nature involves developing innovative, miniaturized audio and electronic solutions, from components for smartphones and hearing aids to critical parts for space exploration and defense systems, leveraging expertise in acoustics and material science. Join them and be a part of an ever-growing team!

Job Descriptions

- Design and develop microphone system using MEMS, ASIC and PCB by engaging closely in multiple development phases through proof-of-concept / prototypes to mass production.
- Identify and innovate new or iterative products through collaboration with subject matter experts.
- Create circuit models using lumped parameter and finite element analysis, then using these models to determine the best ASIC, MEMS, and Package components to meet the design requirements.
- Lab test, debug test solutions and perform failure analysis for Microphone prototypes.

Job Requirements

- Bachelor's Degree (Master's or Doctorate preferred) in Electrical, or Mechanical Engineering, Material Science, Acoustics, or Physics
- Min 7 years' experience in developing electro-mechanical, electro-acoustic products.
- Experience and knowledge of hearing aids, audio or acoustic product development is strongly preferred.
- Experience designing, building, and debugging electronic systems using digital oscilloscopes, power supplies, parameter analyzer, data acquisition and other standard small signal electrical lab equipment
- Experience with National Instruments LabVIEW is preferable
- Knowledge of FEA software such as COMSOL Multiphysics and/or Ansys is good to have.

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Company Description