



## Senior Staff Engineer Unit Process Development Copper Etching

### Job description

Identify and develop selective copper etching, photomasking and stripping processes for leadless packages, define the process control to make sure meeting quality requirement and robust manufacturing of the products.

In your new role you will:

- Perform photomasking, etching, cleaning, stripping, roughening process development activities (parameters screening, optimization, verification and Process Freeze) to meet timeline, quality, cost and manufacturability.
- Identify and develop selective copper etching, photomasking and stripping processes for leadless packages, define the process control to make sure meeting quality requirement and robust manufacturing of the products.
- Select, develop, define and qualify new photomasking, etching, cleaning, stripping and roughening equipment.
- Generate and update relevant wet process documents, eg Process Specification, PFMEA, DFMEA, OJTI, T32, PDR.
- Provide inputs for updating of wet process documents and responsible for correct contents, eg Process of Record, Assembly Design Rule, Failure catalogue, Control Plan and etc for development projects.
- Liaise with wet process suppliers for continuous improvement and perform verification and qualification activities for new tooling, machines and materials in Development projects.

### Profile

You are best equipped for this task if you have:

- Masters/Bachelor's Degree in Chemical Engineering.
- Minimum 8 years working experience in electronics manufacturing industry.
- Strong hands-on knowledge and skills in chemical etching process.
- Analytical and problem solving skills.
- Strong industry chemical know-how.
- Statistical data analysis including design of experiment.

### Benefits

### At a glance

Location: **Melaka (Malaysia)**  
Job ID: **345346**  
Start date: **as soon as possible**  
Entry level: **5+ years**  
Type: **Full time**  
Contract: **Permanent**

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- **Melaka:** Wide range of training offers & planning of career development; International assignments; Different career paths: Project Management, Technical Ladder, Management & Individual Contributor; Exempt working hours are flexible within core hours (9am-12pm & 2pm- 5.15pm); Home office options for certain tasks or due to personal circumstances. Applicable to exempt employees working on office hours only; Part-time work possible for exempt employees only; Exempt staff could apply up to 3-month sabbatical leave, subject to business situation; Medical coverage; In-house clinic operates 24 hours, doctor consultation possible from 9am to 5pm; Health promotion programs; Social Recreation Center with facilities, such as gym room, squash, badminton and netball court, zumba and yoga classes, etc.; On-site Cafeteria; Paid sick leave according to law; Additional 3% to Employee Provident Fund after 10 years service with Infineon Malacca; Re-employment opportunities; Productivity incentive bonus; Bus service for shift employees ; Allocated carpark for disabled and pregnant employees

## Why Us

### Part of your life. Part of tomorrow.

We make life easier, safer and greener – with technology that achieves more, consumes less and is accessible to everyone. Microelectronics from Infineon is the key to a better future. Efficient use of energy, environmentally-friendly mobility and security in a connected world – we solve some of the most critical challenges that our society faces while taking a conscientious approach to the use of natural resources.

Infineon Technologies (Malaysia) Sdn Bhd, with its 8.000 employees, is the largest manufacturing site of Infineon. The company has established itself as a leading manufacturing site for Power Semiconductors, Logic Semiconductors, Discrete and Sensor Products. We are committed to increasing productivity, on-time delivery and providing customized solutions while maintaining the highest level of product quality. The success of Infineon Melaka is evidenced by eleven National Awards received from the Prime Minister's Office as well as 15 corporate awards.

