



## Principal Engineer - Yield and Product Engineering

### Job description

Looking for a new challenge? We are searching for a Principal Engineer - Yield & Product Engineering to be the overall technology owner in sustaining phase for Type-C USB products.

In your new role you will:

- Be the **overall technology owner in sustaining phase** for **Type-C USB products**
- **Lead technology and technology derivatives transfer** and **qualification in silicon foundries** by following technology milestone scorecards. Good project management skills needed.
- **Technical engineering interface** to business unit, **technology development and silicon foundry** for new technology development & transfer, **new production introduction** to Silicon foundry;
- Act as **technical support** for Product Engineer/ Process Engineer/ Design team for yield improvement, split lot definition, e-test, yield assessment and map the test fail results to potential process/technology steps.
- **Coordinate/ synchronize process/ technology topics** across fabs
- Be the **technical expert for Process** change review board

### Profile

You are best equipped for this task if you have:

- PHD or MS degree in EE, Physics or other related engineering degree with 7+ years experiences for PHD and 10+ years experiences for MS in technical functions including **process module development, Process integration, product yield engineering**.
- Familiar with **design of experiment (DOE), SPC and electrical data analysis, software and techniques**
- Sound knowledge of **submicron IC manufacturing processes**
- Strong knowledge of **CMOS and Memory device characterization**
- Strong communication skills in a cross-functional and intercultural environment
- Ability to analyze problems of high complexity and develop profound solutions together with all relevant stakeholders
- Ability to lead cross-functional teams in a global environment

### Why Us

### At a glance

Location: **(Singapore)**  
Job ID: **353725**  
Start date: **Sep 05, 2022**  
Entry level: **5+ years**  
Type: **Full time**  
Contract: **Permanent**

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Infineon is a world leader in semiconductor solutions that make life easier, safer, and greener. Our solutions for efficient energy management, smart mobility, and secure, seamless communications link the real and the digital world.

*In accordance with the requirements set by the Singaporean Government, Infineon Technologies Asia Pacific Pte Ltd ("Infineon") can only allow individuals who are (a) fully vaccinated, (b) certified to be medically ineligible for a vaccine or (c) have recovered from COVID-19 within a prescribed period, onto company premises. Therefore, Infineon requires all new employees, as well as contractors and business partners, to be fully vaccinated against COVID-19. "Fully vaccinated" means individuals have completed the full regime of an approved COVID-19 Vaccine as listed under the World Health Organization (WHO) Emergency Use Listing (EUL) including the respective post-vaccination period to ensure the vaccine has become full effective. Anyone who is unable to be vaccinated due to an approved and/or recognised exemption condition may apply for special consideration.*

