



## PR/096221 | Product Development Engineer

### 募集職種

#### 人材紹介会社

ジェイエイシーリクルートメント シンガポール

#### 求人ID

1564922

#### 業種

その他（メーカー）

#### 雇用形態

正社員

#### 勤務地

シンガポール

#### 給与

経験考慮の上、応相談

#### 更新日

2025年12月23日 10:01

### 応募必要条件

#### 職務経験

1年以上

#### キャリアレベル

中途経験者レベル

#### 英語レベル

流暢

#### 日本語レベル

無し

#### 最終学歴

短大卒：準学士号

#### 現在のビザ

日本での就労許可は必要ありません

### 募集要項

#### COMPANY OVERVIEW

Our client is a global leader in industrial power supplies, designing and manufacturing power solutions for sectors such as medical, factory automation, and transportation.

#### JOB RESPONSIBILITIES

- Develop analog/digital control systems for switch-mode power converters
- Write and maintain firmware for embedded controllers
- Simulate circuits, build prototypes, and conduct performance testing
- Execute validation plans for electrical, thermal, EMI/EMC, and reliability

- Prepare schematics, PCB layouts, BOMs, and test reports
- Manage version control and engineering change orders
- Coordinate with mechanical, manufacturing, procurement, and quality teams
- Liaise with suppliers for component sourcing and qualification
- Ensure adherence to safety and environmental standards (IEC, UL, RoHS, REACH)
- Promote ISO 9001:2015 practices
- Participate in design reviews and cost-reduction initiatives
- Mentor junior engineers (for senior roles)

#### JOB REQUIREMENTS

- Bachelor's degree in Electrical/Electronic Engineering or a related field (required)
- Design and analysis of power supply topologies (e.g., flyback, buck, boost, resonant converters)
- Magnetic component design and thermal/EMI management
- Digital control strategies using MCU/DSP
- Reliability and safety testing, FMEA/MFTA
- Automated test setups and instrumentation
- DFM/DFT principles and R&D-to-production support

Working Location: Singapore

Wong Yi Lei (R23113652)

JAC Recruitment Pte. Ltd. (90C3026)

#LI-JACSG

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会社説明