PR/160720 | Lead IO Mixed-Signal Design Engineer (High-Speed Connectivity | Advanced Nodes)

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 マレーシア

求人ID
1599404

業種
電気・電子・半導体

雇用形態
正社員

勤務地
マレーシア

給与
経験考慮の上、応相談

更新日
2026年08月07日 19:00

応募必要条件

職務経験
6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

Join a fast-growing semiconductor design organization at the forefront of high-speed interface and connectivity solutions. This is an exciting opportunity to lead cutting-edge mixed-signal IO design for next-generation applications, working with advanced process technologies and a highly collaborative global team.
If you are passionate about solving complex analog challenges, driving innovation, and leading technical teams, this role offers strong visibility, ownership, and career progression.

Key Responsibilities

- Lead and mentor a team of design engineers, providing technical direction and driving project execution
- Act as a key decision-maker for design methodologies and technical strategies
- Define chip-level architecture and module specifications for high-speed IO designs
- Translate system requirements into robust mixed-signal circuit solutions

- Design and develop high-performance IO circuits using full-custom methodologies
- Work on advanced technology nodes, ensuring performance, scalability, and reliability
- Partner with backend, DFT, and system teams on floorplanning, modeling, and optimization
- Collaborate closely with global stakeholders to align design goals and timelines
- Drive DRC/LVS verification and ensure high-quality GDSII delivery
- Support silicon bring-up, validation, and performance tuning

Key Requirements

- 8+ years in semiconductor design (mixed-signal / IO / SoC preferred)
- Strong hands-on experience in full-custom IC design
  Proficiency with EDA tools: Cadence, Virtuoso, Spectre, Hspice, AMS
- Deep understanding of analog circuit design and signal integrity
- High-speed interfaces: DDR3/4/5, LPDDR, LVDS Or experience with PLL, ADC, clocking networks
- Experience leading or mentoring engineers
- Strong communication skills with ability to work across global teams
- Mandarin proficiency is a plus
- Bachelor’s degree or above in Electrical Engineering, Microelectronics, or related field

会社説明