NPI Test Engineer
Penang - Bayan Lepas

Responsibilities:

- Create test plans for new products to assure the products meet specifications.
- Design and implement test cases to achieve highest test coverage for products.
- Investigate test failures and work closely with R&D engineers to resolve all technical issues.
- Analyse test results to increase product yield and product reliability.

Requirements:

- Bachelor's Degree or equivalent in Electrical / Electronic Engineering.
- Good knowledge of C/C++/C# programming.
- Good communication skills and ability to work in a team.
- Ability to align efforts to successfully meet project deliverables.
- Strong learning ability.
- Fresh graduates are encouraged to apply.

Interested candidates are encouraged to apply by sending email Attention to: ggoh@aemulus.com; jng@aemulus.com

Alternatively, you may write-in with a detailed resume and a copy of recent passport-sized photograph (n.r.) to:

Aemulus Corporation Sdn. Bhd
Krystal Point, B-2-05, B-2-06, B-2-07
303, Jalan Sultan Azlan Shah
11900 Bayan Lepas
Penang
(Attn to: HR Department)
Product Applications Engineer
Penang - Bayan Lepas

Responsibilities:

- Using Aemulus testers, work with and assist customers in device test development from early test planning cycle until production test interfacing.
- Provide application training to customers on Aemulus test systems
- Create demonstration kit which includes sales tools, development program and interactive presentations.
- Support new product (tester) roll out plans.
- Development and maintenance of technical collaterals such as datasheets, application notes, user guides, user manuals, training manuals and demonstration kits.

Requirements:

- Bachelor's Degree in Electrical Engineering or equivalent.
- At least 2-3 years (Advanced) of experience working with both, digital and analog circuits / systems.
- Knowledge of RF is required for Advanced position.
- Hardware or board - level circuit design experience is a plus.
- Software skills in either Visual Basic, C, C++ or Microsoft Visual C++ is required.
- Good debugging and trouble -shooting skills as well as the ability to drive issues to closure are essential.
- Experience working in semiconductor manufacturing and test environments would be a plus.
- Fresh graduates are encouraged to apply ( for Junior Position ).
- possess own transport.

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11900 Bayan Lepas
Penang
(Attn to: HR Department)
Field Applications Engineer (Melaka)
(based in Malacca)

Responsibilities:

- Provide pre-sales, post-sales and on-site technical support to Aemulus test systems.
- Work with R&D team to support new product roll out plans and to provide input for future product roadmap.
- Software development for core applications software & tools.
- Hardware design for customers (DUT board or any test interface circuit design)
- Work with and assist customers within Asia region, on device test development from early test planning cycle until production test interfacing.
- Work on customer issues, identify root cause and provide solutions or workarounds.
- Provide training to customers on Aemulus test system.
- Create demonstration kit which includes sales tools, development programs and interactive presentations.
- Development and maintenance of technical collaterals such as datasheets, application notes, user guides, user manuals, training manuals and demonstration kits.

Requirements:

- Bachelor’s degree in Electrical and Electronics Engineering or equivalent.
- 2-5 years’ experience in VB, C or C++ programming is required for Advanced/Senior position.
- RF testing experience for RF module expert position is required.
- Strong Knowledge and understanding in circuit design and digital logic design. Hands on experience in analog and / or digital circuit design are definite advantage.
- Knowledge of high speed digital design and signal integrity analysis are added advantage.
- Good debugging and trouble-shooting skills as well as the ability to drive issues to closure are essential.
- Experience working in semiconductor manufacturing and test environment is a plus.
- Good communication skills in both written and verbal, fluent oral English (Mandarin is a plus).
- Fresh graduate with strong knowledge in Software development and Hardware design are encouraged to apply.
- Must possess own transport.

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Field Applications Engineer
(Bayan Lepas – Penang)

Responsibilities:

- Provide pre-sales, post-sales and on-site technical support to Aemulus test systems.
- Work with R&D team to support new product roll out plans and to provide input for future product roadmap.
- Software development for core applications software & tools.
- Hardware design for customers (DUT board or any test interface circuit design)
- Work with and assist customers within Asia region, on device test development from early test planning cycle until production test interfacing.
- Travel to customer site in Asia region (i.e., China, Taiwan, Korea SEA, and etc.) to support system installation and the commissioning of Aemulus test systems.
- Work on customer issues, identify root cause and provide solutions or workarounds.
- Provide training to customers on Aemulus test system.
- Create demonstration kit which includes sales tools, development programs and interactive presentations.
- Development and maintenance of technical collaterals such as datasheets, application notes, user guides, user manuals, training manuals and demonstration kits.

Requirements:

- Bachelor's degree in Electrical and Electronics Engineering or equivalent.
- 2-5 years’ experience in VB, C or C++ programming is required for Advanced/Senior position.
- RF testing experience for RF module expert position is required.
- Strong Knowledge and understanding in circuit design and digital logic design. Hands on experience in analog and / or digital circuit design are definite advantage.
- Knowledge of high speed digital design and signal integrity analysis are added advantage.
- Good debugging and trouble-shooting skills as well as the ability to drive issues to closure are essential.
- Experience working in semiconductor manufacturing and test environment is a plus.
- Good communication skills in both written and verbal, fluent oral English (Mandarin is a plus).
- Willing to travel to customer sites in Asia region (China, Taiwan, Korea, SEA, and etc.)
- Fresh graduate with strong knowledge in Software development and Hardware design are encouraged to apply.
- Must possess own transport.

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R&D Engineer
(Bayan Lepas – Penang)

Responsibilities:

- Collaborate with Marketing to define specifications for Automatic Test Equipment (ATE) and Test & Measuring Instruments (T&MI).
- Design and development of hardware for ATE and T&MI according to the specifications defined.
- Design and development involves Verilog/VHDL coding, firmware coding and/or Dynamic-Linked Library(DLL).
- Provide development support and training to the Applications Engineering Team.

Requirements:

- Candidate MUST possess at least a Bachelor's Degree or Master's in Engineering (Electrical/Electronic) or equivalent.
- MUST possess strong technical knowledge AND interest in implementing design using FPGAs.
- Proficiency in Verilog/VHDL programming is a MUST.
- Proficiency in Altera Quartus II/NiosII or Xilinx ISE/MicroBlaze Software tools is a MUST.
- Proficiency in ModelSim is an added advantage.
- Familiar with ADC, DAC, PCIe, SPI, I2C operations
- Experience in hardware development is an added advantage.
- Experience in intense FPGA development is an added advantage.
- Experience in embedded solutions and writing firmware using C++ object-oriented programming language is an added advantage.
- Experience in Using Microsoft Visual C++ programming tools is an added advantage.
- Optimistic, positive mentality, strong interpersonal skills, creative, self-motivated and strong attention to details.
- Applicants MUST always have hunger for knowledge, success and NO FEAR of technical challenges.
- Applicants MUST be Malaysian citizens.
- Applicants MUST have CGPA above 3.50.

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Only shortlisted candidates will be notified.