



Job title: **Electronic Test Engineer**
Education Level: **M.Eng Electronics**
Location: **Paarl, South Africa**
Employment type: **Permanent**
Years' experience: **5-10 years practical experience**

Are you a self-starter, detail oriented, able to plan your work and carry projects from start to finish and be comfortable working in a team environment? If so, this is the right opportunity.

Job Description:

As a Test Engineer, you will have several responsibilities that include; specification and development of analog and mixed signal test programs for complex IC microcontroller devices, the design of test equipment, R&D testing, production testing, test analysis and writing test scripts. Candidates must be able to understand and interpret analog- and digital schematics, taking a new product and providing a turnkey solution of software and hardware to enter a mass production environment. The role will involve liaising with test facilities globally as well as managing the product validation, characterization and the qualification process.

Skills Required:

- Embedded microprocessor development experience (e.g. Microchip PIC, STM8, STM32)
- PCB design
- Scripting (e.g. Python) & C Programming
- Strong semiconductor Test and Product experience preferable

Advantageous skills:

- Knowledge of integrated circuits
- Analog simulation using SPICE-based simulator as well as VHDL and Verilog
- FPGA development (Altera)

The candidate must be self-motivated, be able to plan their own work and carry projects from start to finish. The candidate must enjoy innovative and detailed technical development work and be comfortable working in a highly skilled team environment. It is a rewarding position in that the candidate will be exposed to fast moving state of the art development work, modern deep-submicron processes and collaboration with major international semiconductor players. Problem solving skills as well as working efficiently is essential.

Contact: **Louisa Havenga**
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Closing date for applications: 31 December 2019. Clearly state the application is for the "Test Engineer" position and attach a CV and relevant information to the application.

About Azoteq

Azoteq is a fabless semiconductor company founded by Dr. Frederick Bruwer in 1998. The company prides itself in innovation with more than 39 patents issued and filed on the IQ Switch® product range. The R&D headquarters are situated in Paarl, South Africa. Offices in Pretoria, Shenzhen, Shanghai, Hong Kong, Taipei, Singapore, Tokyo, Seoul, Munich and Texas support the marketing, sales and supply chain functions.

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