

## Analog-Mixed Signal ATE Test Engineer

**Salary Range \$140k to \$180k / year depending upon experience**

### About this Job

[Atmosic Technologies](#) is looking for an experienced Analog/Mixed Signal ATE Test Engineer who is passionate about delivering differentiated low-power wireless connectivity solutions.

As an Analog/Mixed Signal ATE Test Engineer at Atmosic, you'll play a critical role in validating and verifying our advanced Analog-Mixed Signal systems. You will collaborate cross-functionally to define test requirements, develop automated test environments, and ensure our products meet rigorous performance, reliability, and quality standards.

The role involves designing, developing, and managing automated test equipment (ATE) testing solutions for wireless semiconductor devices. Responsibilities include test case design, test execution, analyzing test results, and ensuring functionality and performance of devices. The Analog-Mixed Signal ATE Test Engineer will also collaborate with cross-functional teams to optimize testing processes and support the delivery of high-quality products.

Job title and responsibilities commensurate with experience.

Position: Full-time & in-person (San Jose, California)

### Qualifications

- Bachelor's or higher degree in Electrical Engineering, Computer Engineering, or a related field.
- US Citizen or Green Card Holder.
- Expertise in Test Engineering, including designing and developing test strategies and methodologies.
- 5+ years of Analog-Mixed Signal ATE test engineering experience.
- 5+ years of experience developing test programs on the Advantest V93K tester.
- 5+ years of experience developing ATE test programs for new products.
- Strong grasp of communications theory and signal processing
- Background in analog electronics or electrical power systems
- Proficiency with test equipment (spectrum analyzers, signal generators, oscilloscopes, logic analyzers, etc.)
- Hands-on experience with communication protocols: FPGA, SerDes, I2C, Ethernet, PCI, USB, SPI, UART
- Proficiency in writing test software (Java required; Python, R a plus)

### Preferred Qualifications

- Familiarity with Bluetooth Low Energy systems
  - Experience with system-level validation/verification
  - Knowledge of quality standards, regulatory requirements, and testing techniques
  - Background in analog electronics or electrical power systems
- Experience leading or mentoring Analog/Mixed Signal RF test teams
- Experience writing test programs on the Advantest V93K tester with **Wavescale option, and familiarity with SmarTest 8 environment**

- Experience in semiconductor or wireless communication industries is an advantage.