**Component / Product Engineer:**

**In your new role you will:**

* Reviews, develops, modifies and evaluates analog and mixed signal electronic parts, components or integrated circuitry for testability, up screening, Reliability Tests.
* Advises engineering on selection, application and test of electronic components and systems  
  Determines reliability requirements of components and systems to achieve company, customer and any governmental agency reliability objectives
* Makes recommendations for changes in the selection and application of components and systems
* May maintain component data management system including qualification records/results/documentation
* Selects components and equipment based on analysis of specifications and reliability
* Sources, selects, and qualifies components used in the company’s technology
* Investigates alternate component technologies or supplies, reducing cost and improving quality and reliability
* Acts as technical interface between component/production suppliers and development engineers, determining new and alternate sources
* Investigates alternate component technologies or supplies for reduced cost or improved quality and reliability, and implements changes
* Develops guidelines/procedures on vendor selection
* May also review vendor capability to support product development
* Evaluates supplier change notification and qualifies changes, as needed
* Comprehensive understanding of testing components on ATE, Bench Set up, Reference Designs and in circuit tests
* Thorough understanding of using Rack and Stack Instrumentation

Profile  
  
**You are best equipped for this task if you have:**

* BSEE and 7-10 years of related industry experience; MSEE and 5+ years of related industry experience, preferred
* 3+ years of experience in Component Engineering
* 3+ years of Hybrid Engineering with an emphasis on Hybrid DC-DC converters
* Knowledge of Hybrid product technology and processes
* Knowledge of qualification of hybrid components and associated processes
* Experience with collaboration among vendors, quality, purchasing and design team members in support of new design
* Proficiency in MS Office (Word, Excel)
* Good understanding of passive and active components
* Good communications skills, verbal and written