Electrical Systems Engineer

The Company:

PDF Solutions, Inc. (NASDAQ: PDFS) is the leading provider of yield improvement technologies and services for the IC manufacturing process life cycle. PDF Solutions offers solutions that are designed to enable clients to lower costs of IC design and manufacture, enhance time to market, and improve profitability by addressing design and manufacturing interactions from product design to initial process ramps to mature manufacturing operations. PDF Solutions' Characterization Vehicle® (CV®) test chips provide the core modeling capabilities, and are used by more leading manufacturers than any other test chips in the industry.

PDF is seeking an Electrical Systems Engineer to join the R&D team to work closely with PDF internal engineering team and with our customers towards various electrical systems tasks related to eProbe inspection systems that are used at 300mm semiconductor wafer fabs to implement PDF's Design-for-Inspection (DFI™) methodology used in yield ramp and manufacturing control. The Electrical Engineer will work in a dynamic, multi-disciplinary, intensive and highly productive small team environment. Headquartered in Santa Clara, Calif., PDF Solutions operates worldwide with additional offices in China, Europe, Japan, Korea and Taiwan. For the company's latest news and information, visit http://www.pdf.com/.

Job Duties:

- Hands-on testing and troubleshooting of electrical systems from component to system level
- Troubleshooting of electromechanical system
- Program and configure electrical modules and controllers
- Write software specifications to define system control
- Manage system programmable safety interlock system
- Interpret and create electrical schematics
- Specify of electronic and electromechanical control components
- Interface with a cross functional engineering team

Requirements:

- Degree in Electrical Engineering or Systems Engineering (Controls, Mechatronics)
- BS – at least 2 year's relevant experience in Semiconductor, Defense, or Automotive industries, or MS degree
- Experience with design of electrical system
- Preferred experience with vacuum systems
- Preferred experience with LabVIEW programming
- Proven ability to design electrical systems with hands-on implementation and troubleshooting
- Proven ability to successful write and verbally communication a specification of a electromechanical system or key components of such system

If you are interested in this position and wish to be considered, please submit your resume to joblogic@pdf.com, **with job code - JW .**