

Position Title: Senior Consulting Engineer – **JC:** I0720SCE0066

Position Location/Interview: Santa Clara, CA USA

Salaried: Full-Time

PDF Solutions, Inc. (NASDAQ: PDFS) is a leading provider of yield improvement technologies, services, systems and analytics for the IC manufacturing process life cycle. Headquartered in San Jose, Calif., PDF Solutions operates worldwide with additional offices in China, Europe, Japan, Korea and Taiwan.

Job Duties

- Work with engineering team to best determine the correct analysis techniques and to analyze the results to determine the best process for the client to implement.
- Act as the main interface point between the CV™ test-chip designer and testing and analysis systems for PDF clients in the US and the internal PDF engineers.
- Perform electrical test specification and development: Generate document specifying the electrical tests required for each PDF CV™ test chip (e.g., “CV”). Majority of work involves configuration and use of automation software and developing new testing approaches for new structures.
- Electrical test data confirmation: Perform analysis of first data from each CV and ensure that the CV works as intended. Beyond simple debugging of test program and mask design issues, this work also results in valuable feedback used to guide future CV design efforts.
- Perform analysis that will include process splits, design rule analysis, process integration improvements, tool selection as well as other key critical requirements.
- Submit written analysis reports to the client based on PDF's data analysis tools and work with the client's physical failure analysis team to find root cause defects.
- Perform high quality semiconductor process characterization and utilize this in combination with knowledge will result in client process improvements.
- Interface with the client daily to allow for a smooth transfer of information/ knowledge/ results.
- Work with the client to further their understanding of PDF's tools and methodology.

Minimum Qualification and Skills

- Bachelor's degree or foreign equivalent in Electrical/Electronic Engineering or related field.
- 4 years of work experience as consulting engineer or related field.
- Qualified candidate must be able to perform the duties of the job offered

Qualified Applicants should submit their resume and salary requirements and refer to Job Code: