

Requisition Number: 7782
Posting Date: 20/Jul/09
Area of Interest: Manufacturing Engineering
Job Title: GF-- RF Device Engineer

Intern/Coop/Student Term:

City/Town: Sunnyvale

State/ Province/ Region: California

Country: United States

Job Description: About GLOBALFOUNDRIES :
AMD and the Advanced Technology Investment Company (ATIC) of Abu Dhabi have announced the creation of a U.S.-headquartered, leading-edge semiconductor manufacturing company. The company is called GLOBALFOUNDRIES.

DESCRIPTION OF POSITION:

RF Device Engineer:

Develop, define and improve, with other technology development teams, RF device technology supporting GLOBALFOUNDRIES business needs. Candidate will provide RF device technology support and project leadership. Candidate will need to ensure efficient delivery of complex projects and programs to customers in design enablement, technology development and manufacturing.

SPECIFIC JOB FUNCTIONS:

Works with cross-functional teams in technology development and manufacturing to define RF device targets for SPICE model generation. Requires to extract information from a variety of databases to analyze device data from development and manufacturing groups. Work with design and design enablement teams to assess and analyze choice and impact of RF device definition. Candidate will also define, design, and document RF device test structures for new technology development. Excellent verbal and written communication skills are required to support internal and external customers.

PREFERRED EDUCATION AND EXPERIENCE:

Minimum of BS degree or equivalent with 3-5 years of related experience, MS or Ph.D preferred.

Requires demonstrated skills in RF device development and characterization as well as understanding of low power RF CMOS circuits. Strong abilities in working with cross-functional teams, data analysis, process improvement are needed. Familiarity with advanced Low Power CMOS process technology, and SPICE modeling is desired.