Microelectronic/ Semiconductor Engineer: Microelectronic/Semiconductor Engineer I

Researches, designs and develops new microelectronic, optoelectronic, micro-electromechanical and sensor manufacturing processes, devices, components, or systems, semiconductors, semiconductor-based integrated and hybrid approaches with Si, GaA's and related III-IV materials, and other materials (e.g. quartz, Si-based and compound semiconductor and related materials), materials growth and processing. Develops and applies inspection and test procedures for micro-components and micro-systems.

Discretion/Latitude
Work is closely supervised. Follows specific, detailed instructions and/or guidance from more senior functional staff.

Knowledge, Skills and Abilities
Limited use and/or application of basic technical principles, theories and concepts to specific job assignments.

Problem Solving
Develops solutions to routine technical problems of limited scope by following standardized practices and procedures.

Impact
Contributes to the completion of routine technical tasks. Failure to achieve results can normally be overcome without serious effect on schedules and programs.

Liaison
Contacts are primarily with immediate supervisor, project leaders, and other professionals in the section or group.

Minimum Education and Experience
0-2+ years with BS in designated Engineering or related field.