

Positions Available

Material Scientist

The Defense Systems & Electronics Group of Texas Instruments is looking for a project leader to join our Advanced Optical Materials Lab on the development of an optical-quality diamond. Responsibilities involve RF, DC, microwave plasma CVD process development, non-equilibrium processes, nucleation and growth, optical and semiconductor properties, and material characterization. You'll assist with proposal efforts and lab administration.

You must have an MS or PhD in Materials Science, Physics, or related field with 5+ years' materials experience to include knowledge of plasma CVD, optical materials, diamonds, nucleation and growth, and characterization. Previous experience with project administration and proposal preparation is essential.

Please send your resume to: Paul Patak/Texas Instruments/PO. Box 660246, M.S. 3186/Dallas, Texas 75266. Or, call (800) 527-3574, in Texas, call (214) 480-1292.

U.S. Citizenship is required for this position. An Equal Opportunity Employer M/F/V/H



**SENIOR PACKAGING ENGINEER
Intel Corporation**

BSEE/BSME or equivalent with 3-6 years experience in semiconductor packaging assembly. Knowledge of front of line assembly process and equipment (especially wire bond and die attach) is essential. Exposure to TAB technology desired. Previous experience in matrix management beneficial. Basic PC skills (Lotus, word processing) helpful. Good written and verbal communication skills required. Must have working knowledge of SPC concepts and experience in statistically sound experimental design.

Responsibilities will include implementation of plastic package equipment and processes into production. Will develop new TAB bonding and die attach process/methods to meet requirements of new interconnect technology introduction. Support transfer of process and equipment to production floor. Evaluate new package designs and develop necessary tooling to meet new device introductions.

Contact John Nolitt, College Recruiting, 5000 W. Chandler Blvd., Chandler, AZ 85224; telephone (602) 554-5781; fax (602) 554-2674.

An Equal Opportunity Employer.

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Issue	Ad Closing
October	September 11, 1989
November	October 10, 1989
December	November 10, 1989

Advertising Contact: Mary E. Kaufold, MRS BULLETIN, Materials Research Society, 9800 McKnight Road, Pittsburgh, PA 15237; telephone (412) 367-3036; fax (412) 367-4373.