



Electronics Packaging Engineer

The Electronics Packaging Engineer is a goal-oriented, self-motivated individual with effective verbal and written communication skills. The candidate must have a strong technical background in Electrical Engineering; supports customers technical inquiries to enable design wins; authors application notes, training materials, and datasheet applications; and assists customers in developing application circuits, reference designs, and evaluation boards, as needed.

ESSENTIAL DUTIES AND RESPONSIBILITIES

- Analyzes customer and system requirements to develop basic architectural approaches and detailed specifications for various electronic products.
- Develops high-level and detailed designs consistent with requirements and specifications.
- Validates designs through various methods of review, testing and analysis.
- Identifies, tracks and statuses technical performance measures to measure progress and ensure compliance with requirements.
- Supports Supplier Management with make/buy recommendations and other technical services of limited scope.
- Provides engineering support throughout the lifecycle of the product.
- Investigates emerging technologies to develop concepts for future product designs to meet projected requirements.
- Works under general direction.

BASIC QUALIFICATIONS, EXPERIENCE, SKILLS AND EDUCATION REQUIRED

- Bachelor's and 5 or more years' experience, Master's degree with 3 or more years' experience or PhD degree with experience
- Bachelor, Master or higher degree from an accredited course of study, in engineering, computer science, mathematics, physics or chemistry. ABET is the preferred, although not required, accreditation standard
- Experience in Electronic Packaging Design in any of the following disciplines: airborne, space, digital, RF or power mechanical systems
- Experience in mechanical CAD design, stress and structural analysis and test, fatigue analysis, and thermal analysis and test
- Experience in requirements comprehension and translating them into prototype designs
- Experience delivering working products through design, verification, and test
- Experience working in a fast paced and dynamic environment

- Experience working with customers and suppliers
- Experience performing to fixed cost and schedule
- Knowledge of filter and Integrated Passive Device concepts and test techniques
- Knowledge of AWR, ADS, CST and HFSS Simulation Software
- Strong leadership skills
- Ability to work in teams
- Proactive
- General knowledge of digital, RF and power subsystem development
- Airborne and Space knowledge
- Understanding of Printed Circuit Board design
- This position requires the ability to obtain U.S. Security Clearance post-start, for which the U.S. Government requires U.S. Citizenship.

EMPLOYMENT CATEGORY

- Regular Full Time

LOCATION OF EMPLOYMENT

- Albuquerque, NM; selected applicant may be eligible for reimbursement of relocation costs.

Send CV via email to careers@3dgsinc.com