

## The Alberta Centre for Advanced MNT (Microsystems and Nanotechnology) Products (ACAMP)

ACAMP is the result of a collaborative effort between industry, government and academia, providing a path to commercialization for established firms and SME's small to medium start-up companies in the microsystems and nanotechnology (MNT) sector. ACAMP has been established as a not-for-profit company that provides support in three critical areas of commercialization:

- Marketing & Business Development
- Product Development
- Packaging and Assembly

**Job ID: 10061401**

**Job Title: Packaging/Test/Characterization Engineer**

**Location: Calgary**

The **Packaging/Test/Characterization Engineer** is responsible for interfacing with companies on Packaging/Test/Characterization for hybrid module and MEMS based products.

### **Requirements:**

- Bachelor's degree in Electrical Engineering, Mechanical Engineering, Physics or similar field, advanced degree preferred.
- 5+ years industrial experience in hybrid module or MEMS device technology and application, preferably with experience in a MEMS sensors.
- Thorough understanding of MEMS device design and process integration, as well as MEMS packaging and device testing.
- Direct experience in developing Systems In Package and/or hybrid modules for a variety of applications, preferably with experience of integrating MEMS devices.
- Thorough understanding of design for test and testing designs
- Experienced in the use of design of experiments and failure analysis methodologies. Ability to interface with various groups (R&D, Manufacturing, Management, etc.).
- Able to conceive and present new ideas effectively.
- High energy and motivation level to lead design and development.
- Customer focused Ability to work independently and in a team.
- Strong communication and interpersonal skills.

### **Responsibilities:**

- Interface directly with customers and provide technical expertise to customers and staff.
- Lead design and integration for new hybrid module or MEMS packaging based programs.
- Program management and significant technical contributions are expected (i.e. product design, prototyping/manufacturing flow development).
- Participation in developing concepts, design, prototyping, processes and testing of hybrid modules.
- Preferred location is Calgary in Alberta, must be able to travel to work with Edmonton team as needed

Forward resumes to [resume@acamp.ca](mailto:resume@acamp.ca)

Please include Job ID and Job Title in the subject line