

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

Gyroscope & Accelerometer MEMS Design & Development Position

The **Gyroscope & Accelerometer MEMS Design & Development Position** is responsible for interfacing with state of the art fabrication facilities in Alberta to design and develop of Gyroscope and Accelerometer MEMS based designs.

Requirements:

- Bachelor's degree in Electrical Engineering, Mechanical Engineering, Physics or similar field, advanced degree preferred.
- 7+ years industrial experience in MEMS Gyroscope and Accelerometer technology, preferably with experience in a variety of MEMS applications and devices.
- Thorough understanding of MEMS device design and process integration, as well as MEMS packaging and device testing.
- Direct experience in taking MEMS devices from design to fabrication and test in a commercial setting. Previous project and team management experience required.
- 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 MEMS Gyroscope and Accelerometer based programs.
- Program management and significant technical contributions are expected (i.e. MEMS design, process integration, and process flow development).
- Participation in developing concepts, design, prototyping, processes and testing of MEMS devices.
- Preferred location is Alberta, but qualified individual can live in present location in the world and commute as needed for product development interface.

Please forward resumes to resume@acamp.ca