



*New Eagle*TM

MECHATRONIC CONTROL SOLUTIONS

Hardware Engineer, Ann Arbor Michigan

Main Responsibilities & Tasks:

- Support execution of cost-effective automotive electronic product designs suitable for prototype and volume manufacturing within agreed timing, cost and quality targets.
- Perform design activities including (but not limited to): requirements capture, specification writing, circuit design and analysis, component selection, DFMEA, reliability analysis, prototype builds, development and validation testing, test and engineering report writing, and documentation.
- Day-to-day coordination with other design team members, including Hardware, Mechanical and Software, and liaison, where required, with outsourced Validation and Manufacturing partners.
- Interface with the customer's engineering team where required.
- Ensure that design tasks are executed in accordance with internal and customer quality/process requirements to achieve clean product launches.

Qualifications

- BS or equivalent in Electronic Engineering, Physics or related field.
- 2-5 years of experience in electronics manufacturing or engineering.
- Minimum of 1 year experience of automotive electronics design experienced gained with either a Tier 1 or OEM would be advantageous.
- Minimum of 1 year experience of working with automotive quality systems (TS16949 and QS9000) would be an asset.
- Analytical and problem solving skills.