



# Component Technology Pte Ltd

## JOB DESCRIPTION

<b>Job Title:</b>	Design Engineer (Mechanical)	<b>Department:</b>	Engineering
<b>Reporting To:</b>		<b>Location:</b>	Singapore

### Objective / Purpose of the Job

- o Design and development module and system for semiconductor equipment.

### Key Activities / Accountabilities

- Execution in design and development from prototype to series production, and work with cross function team to realize new solution to fulfil customer requirement
- Continually improve and optimize design for cost, process and quality
- Feasibility study, prove of concept with time efficiency
- Design spec and test checklist, DFMEA, and technical documentation
- Support manufacturing problem
- Engineer prototyping and validation, test report and presentation
- Solve customer problem in field
- Any other duties as assigned

### Working Conditions

- High level of personal flexibility
- Working beyond office hours when the need arises

### Preferred Qualifications, Experience and Skills

Qualification:	Bachelor degree in Mechanical Engineer
Experience:	<ul style="list-style-type: none"><li>▪ knowledge in one or more of the following areas: dynamic and vibration, motor and sensor, motion control, thermal and fluids, FEM analysis</li><li>▪ experience in semiconductor / precision engineering / automation industry is a plus</li></ul>
Technical Skills:	<ul style="list-style-type: none"><li>▪ Strong skill in 2D &amp; 3D CAD operation, experience in SolidEdge is a plus</li><li>▪ Strong foundation in GD&amp;T, DFM/DFA, DFMEA, statistics, good sense in cost control</li></ul>
Competencies:	<ul style="list-style-type: none"><li>▪ Communication capability with all levels</li><li>▪ Possess a creative mindset to identify and problem solving skills</li><li>▪ Planning and organising</li><li>▪ Analytical skills</li><li>▪ Attention to detail</li></ul>
Language Capability:	<ul style="list-style-type: none"><li>▪ Proficiency in spoken and written English required</li></ul>