



**Client is a public-listed company specializing in the design, development, manufacturing and distribution of automated equipment for the semiconductor industry.**

## **SENIOR / ELECTRICAL ENGINEER**

### **Responsibilities:**

- Design and trouble-shooting of electrical circuitry.
- Electrical drawing and documentation.
- To assist in design and development of control software.
  - Electrical Component Standard
    - Standardization of electrical component
    - Standardization of electrical indirect material
  - Schematic Drafting
    - Standardization of electrical schematics
    - Standardization of wire & devices labelling
    - Update schematics revisions
  - Wiring methodology
    - Wire Routing
    - Wire termination
    - Wire & Accessories selection
    - Interfacing of modular
    - Wire harnessing exercise
  - Control Box design & layout
    - Regulatory compliance
    - Product circuit Design.
    - CE/ Semi compliance
  - Documentation
    - Establish Electrical hardware design guideline and design rule
    - Document all proven component & design into Green Book.
  - Support product Alpha/beta site testing
  - Document and technology transfer to product group

### **Requirements:**

- **Bachelors/Masters Degree in Electrical/Electronics engineering** or relevant qualifications.
- **At least 5 years experience in electrical hardware and software design of semiconductor / automated equipment.**



- **Must be highly skilled in motion control to the level of design of the motor driver**
- Knowledge of E-Plan and Autocad software.
- Knowledge in VC++ programming.
- Interest in automation & control.
- Some basic mechanical design knowledge

**Interested candidates are invited to submit your latest updated resume stating your availability of employment, current, achievements and expected salary to Adrian Collin Png at: [adrian@collincrawford.com](mailto:adrian@collincrawford.com).**