 **Position Description**

**Electronics Engineer (Burn-In Boards)**

**Job Summary:**

Design boards for the Semiconductor industry’s leading test system provider. You will join a team of experienced design engineers dedicated to exceeding our customer’s demanding semiconductor test requirements. You will be responsible for designing boards for microcontrollers, memories, high speed switches, and analog semiconductors.

**Key Responsibilities:**

* Design Burn in Boards for Micro Control’s test systems.
* Select components, design schematics, propose component placement, and create BOMs.
* Work with Sales team to define the product requirements.
* Work with drafting to layout the PCB.
* Verify and debug the PCB design prior to release.
* Write test programs to verify hardware.
* Analog circuit design and simulation of op-amps, mosfets, power and signal integrity.

**Required Qualifications:**

* Bachelor degree in Electrical Engineering or equivalent experience in related field.
* Must be legally authorized to work in the United States without company sponsorship.

**Preferred Qualifications:**

* Bachelor degree in Electrical Engineering (GPA greater than 3.0/4.0).
* More than 4 years relevant engineering experience.
* Experience in PCB design.
* Experience with analog circuit simulation.
* Sigrity PI and SI experience is a plus.
* Experience with Cadence Allegro is a plus.

**Company Description:**
Micro Control Company is an industry leading manufacturer of electronic burn-in test systems for high power logic semiconductors. Our large test ovens are capital equipment for major semiconductor manufacturers.

Micro Control Company offers competitive wages and benefits including health; PTO; paid holidays; a matching 401(k) plan and a discretionary profit sharing bonus. Please e-mail a cover letter and resume to: mcchr@microcontrol.com to be considered for this position (using the job title for the subject).

Micro Control Company
7956 Main Street NE
Minneapolis, MN 55432