C:\Users\lfox\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Outlook\XZZPGM4T\Company logo1.gif **Position Description**

**Electronics Engineer**

**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, high speed switches, and other semiconductors.

**Key Responsibilities:**

* Design Burn in Boards for Micro Control’s test systems.
* Selects components, designs schematics, proposes component placement and creates BOMs.
* Works with Sales team to define the product requirements.
* Works with drafting to layout PCBs.
* Verify and debug the PCB design prior to release.
* Analog circuit design and simulation of op-amps, MOSFETs, power and signal integrity.
* Document engineering procedures.

**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 6 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](mailto: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