

Carrollton, Texas, United States

Since 1991, TurboChef Technologies, Inc. has pioneered the world of rapid cooking in the commercial foodservice industry. With innovation and top performance in mind, TurboChef has redefined cooking efficiency by designing ovens that are versatile, user-friendly, and save energy. Since being acquired by The Middleby Corporation in 2009, TurboChef has become the undisputed global leader in rapid and accelerated cooking technologies. TurboChef is looking for an experienced RF Electrical/Electronic Design Engineer to join our team.

In your role, you will be part of a multi-disciplined team of engineers that take pride in developing, integrating, testing, and delivering innovative solutions to meet a variety of challenging customer needs. We value the curiosity, tenacity, and imagination you will bring to the team each day. You will have a unique opportunity to develop electrical systems for the most sophisticated ovens in the world. RF Electrical/Electronic Design engineers are needed with emphasized coursework and/or experience in these focused areas:

- Digital solid state oven technology
- Analog, digital, and mixed-signal design
- Digital communication, DSP
- RF/Microwave design
- RF and electromagnetic compatibility
- Verilog
- Product design, pilot production control systems, simulation

Familiarity with the following may also benefit you in this role:

- FPGA, real-time and embedded systems
- Project management
- C, UNIX, Perl
- Wiring

**Job Responsibilities Include:**

- Designing/simulating cooking cavities for optimum microwave power distribution
- Developing and documenting complex electronic and electrical system requirements
- Testing and validating RF microwave system designs to ensure they meet operational and functional requirements
- Researching, proposing, and applying specific technology advancements for possible integration with TurboChef ovens
- Developing and interpreting drawings, data sets, reports, and specifications as required
- Writing or giving input on hardware, software, and user interface specifications
- Solving problems concerning fielded hardware over the entire product lifecycle
- Interfacing with team members, management, and technical staff to define and implement engineering solutions that meet group, organization, and company objectives
- Day-to-day problem solving and multi-tasking in a fast-paced work environment
- Resolving programmatic and technical problems that would affect product and project cost, delivery, and/or performance