

## HARDWARE/FIRMWARE ELECTRICAL ENGINEER 1

Hitachi Kokusai Electric Comark is a world market leader in transmitters and RF support equipment for Broadcast Television and Scientific applications. We develop future proof solutions for our customers, and help them with their installation, service and support.

### POSITION SUMMARY

Comark is seeking a self-motivated electrical engineer to join our embedded control systems development team to assist in design and development of various control system components for our products. This position is located in our corporate headquarters in Southwick, Massachusetts.

### AREAS OF RESPONSIBILITY

- Perform analog, power supply, RF, and digital hardware engineering at the component level for embedded systems
- Firmware and hardware design
- Schematic capture and design
- Assist in providing direction for future product development efforts
- Assist in creating design validation documents, as well as functional specifications for all hardware and firmware
- Familiar with the means of archiving PC Board documentation including source code vs. executables and providing what is needed for Manufacturing and Test Departments to accurately build, program and test your designs

### QUALIFICATIONS

#### Required

- At least 3+ years of experience with BSEE, or strong internship/industry experience with MSEE. Commensurate experience will be considered for non-degree applicants
- Experience with 32-bit microcontrollers
- C code programming background
- Hardware board layout design
- Ability to work in a team environment
- Excellent written and verbal communications skills
- Flexible, self-starter, desire to solve any problem and ability to work in a startup-like environment

#### Desired

- Object Oriented Programming (OOP) is highly desired
- Knowledge of Altium PCB schematic capture and layout tool helpful
- In-depth knowledge of RF PCB layout techniques and EMI design considerations
- Knowledge of C or C++ programming languages
- Understanding of a broad range of I/O devices including electrical sensors, process sensors environment sensors, etc.

See our website at: [www.comarktv.com](http://www.comarktv.com)

Please send resumes to: [careers@comarktv.com](mailto:careers@comarktv.com)

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