**Senior Embedded Firmware Engineer, MTS**

**Job Description:**

Icron Technologies, a part of Maxim Integrated, is seeking a **Senior Embedded Firmware Engineer (Member of Technical Staff, MTS)** with 10+ years of experience to assist in our continued growth and contribute to our future developments.

The successful candidate will actively participate in the full development cycle, including requirements, design, verification, release and documentation, on new products combining Icron's patented USB bridging technology and extending video, working as a key contributor to our development efforts.  Responsibilities may include, but are not limited to:

- High level design and architecture development
- Detailed design, coding, and unit testing
- Testing and integration of new features based on given requirements
- Participate in peer design and code reviews
- Training and mentoring junior team members
- Design documentation
- Maintaining existing products

Minimum Qualifications:
- Education: Computer Science, Computer Engineering Degree or a Technology Diploma with relevant industry experience
- Experience: 10+ years of software development on embedded platforms
- Solid C programming experience on 32-bit microprocessor embedded platforms
- Good understanding of software architecture and system component structuring
- Scripting Language Experience (Python preferred)
- Network development and network tools experience (Wireshark/Ethereal)
- Experience working with bug tracking tools and version control systems
- Experience designing code for testability
- Experience using GNU tools, open source libraries and open source programs

Assets:
- Java experience
- Audio and video related development experience
- Embedded Linux experience, and/or experience with kernel drivers
- ARM development
- RTOS development
- USB development
- Experience with Agile or Waterfall development processes

**Position Type:**  Full-time, 1-year contract

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| **Percentage of Travel** | No |
| **Relocation Assistance Available** | No |
| **Visa Sponsorship Available** | No |

## Application Instructions:

Apply directly to our recruiting agency by emailing your resume and cover letter to [sam@sultanete.com](mailto:sam@sultanete.com) and be sure to include the job tile "Senior Embedded Firmware Engineer, MTS" in your subject line.