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Firmware Embedded Programming Engineer

POSITION NUMBER:

100CNY02

JOB TITLE:

Firmware Embedded Programming Engineer

DEPARTMENT:

Regeneration and Micro Optics

RESPONSIBLE FOR:

Regeneration product development

SUMMARY OF JOB FUNCTION:

This position has the responsibility for implementing the firmware solution for product line.

KEY RESPONSIBILITIES:

- Continue firmware design on a amplified ROADM product with optical channel monitoring
- Support changes to a multi-tasking, multi-threaded kernel written in assembly language on a 32 bit RISC processor
- Implement test software to automatically calibrate and adjust products.

MINIMUM REQUIREMENTS and QUALIFICATIONS:

- BS in Computer Science or Electrical Engineering.
- 5+ years experience in writing firmware for embedded applications.
- Proficient in C++ for embedded firmware application
- Background in 8,16, and 32-bit micro-controllers
- Hands-on experience with RISC processors
- Experience with Altera NIOS II processor is desired
- Experienced with serial interfaces e.g. SPI, I2C
- Should be able to work and deliver on aggressive schedule
- Self-starter, highly motivated, dedicated and teamwork oriented.

OTHER REQUIREMENTS:

- The job assignment requires relocation to Horseheads, NY

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To apply for this position, email a resume to careers@oclaro.com, and include the Position Number in the subject line.