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Job Title: Product/Hardware Engineer – Imager Systems
Department: Engineering
Job Functions: Product line Engineer, Characterization, hardware, firmware
Reports to: CTO
Location: Homer, New York

Description:

This position is located in Panavision Imaging, LLC, New York design center and will focus on the product introduction and support of CMOS image sensor products. Panavision Imaging sensor products are targeted at consumer applications such as bar code, machine vision and high-performance digital-still and video cameras. Product support will focus on yet to be released and current product offerings.

Responsibilities:

The **Product Engineer** has responsibility for the Electro-optical characterization for new **products** and margin improvement on existing products. This includes **product** characterization, **product** qualification, and yield analysis. This individual will have experience with programming Virology to control hardware and measure electro-optical performance of imagers. Candidate must interface with the sales force to assist product information and answer product questions.

We are looking for an independent problem solver and team player in a highly dynamic environment.

Ability to work with vendors, design engineers, and meet project schedules.

Minimum Requirements:

BSEE/MSEE or similar plus three years of **Product/Hardware** engineering experience.

Ability to program Xilinx to control custom hardware.

Bench setups and evaluations of semiconductors and experience with sensors or imagers preferred.

Ability to demonstrate knowledge of statistical analysis using MatLab or similar.

Experience with CMOS basics.

Demonstrate ability as a problem solver.

Clear written and verbal communication skills.

Desired Requirements:

Imager Electro-optical characterization.

Bilingual, preferred strong Asia experience

Track record and success in a semiconductor business environment