

Job Description: Sr. CMOS image sensor characterization & test engineer/physicist

As part of a team, contribute to the development new CMOS image sensors and technology through characterization and testing of image sensor devices and dedicated test structures. Responsibilities are diverse and include electro-optical image sensor characterization, validation of new designs and processes, determination of optimized operating conditions and performance limitations, investigation and understanding of image artifacts, development of new test methods and systems and contributing to technical reports.

Minimum Requirements:

MSc/PhD in physics, electrical engineering.
Experience in electro-optical characterization or evaluation.
Hands-on experience with electro-optical characterization hardware and software.
Ability to analyze characterization data.
Excellent analytical and problem solving skills.
Ability to work closely with others in a team environment, but also work independently.
Background in solid-state electronic devices.

Additional Desired Qualifications:

Demonstrated image sensor characterization or other relevant experience is preferred.
Experience with IC design, modeling, and simulation tools and environment.
Strong technical leadership.
Understanding of silicon device processing.
Optics knowledge or experience.
Good communication skills in speaking and writing

Adaptability, continuous learning, decision-making and management of multiple tasks are also desired.

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