



Position Title: Display Module/Optical Engineer

Location: Cupertino, CA

Description:

Apple is looking for a Display Module/Optical Engineer to lead the development and qualification activities to design and develop innovative Flat Panel Displays used in iPad products.

Core Responsibilities:

This individual will serve as a focal point among iPad system mechanical and EE team, display optical and EE team, supply management team and display vendors, managing all engineering activities necessary to deliver displays into final products from initial design concept. The individual will be responsible for the overall display module development acting as Direct Responsible Individual

- Investigate up-to-date Flat Panel Display technologies and generate new approaches to further enhance Apple iPad display performance
- Define and review the overall module optical/electrical architecture (LCD or OLED) & performance requirements / specification
- Define & execute rigorous validation plan for a total display optical performance
- Display failure analysis related to optical film, LCD / OLED panel related failures to improve the performance of display device
- Work with system engineering team to understand system requirement and validate display modules at system level
- Work with project teams and supply base throughout product development phase and support the initial product ramp
- Work with cross-functional team to do failure analysis on LCD / OLED defects / front of screen issues

Qualifications:

- The candidate will need to have minimum 3 years of hands-on experience and proven track record in at least one of the following areas: 1) LCD or OLED design and product development in the mainstream display industry; 2) optical design for display, illumination, or imaging applications; 3) software knowledge

- in developing machine learning tools; 4) display calibration or pipeline development; 5) display or system EE in the consumer electronics industry.
- Experiences in developing or manufacturing high volume display products preferred.
 - Proven track of record in LCD or OLED panel design & process in mainstream flat panel display industry is preferred.
 - In-depth knowledge of LCD TFT, LC cell design or OLED and production process is preferred.
 - Experience in working directly with mainstream LCD or OLED vendors is preferred.
 - Excellent project managements, written and verbal communication skills and people skills are required.
 - Optical simulation capability is preferred for display optical engineer

Education: MS in Physics, Optics, EE or ME with minimum 3 years experience, or BS degree plus a minimum of 5 years experience