



# Design & Development of Color Critical Monitor



## BENEFITS

- Delivered an award winning product in minimal time
- Controlled R&D Cost

## RESULTS

- Delivered a fully functional unit in 15 months
- QuEST was chosen as strategic partner for development of future product portfolios
- QuEST has taken up design and development of 3 generations of the product

## CUSTOMER CHALLENGES

### New Product in Minimal Turn-around Time

Customer is a global leader in Computing devices and Peripherals OEM headquartered in Palo Alto, California.

The customer was looking for a partner to

Reduce time-to-market for their color critical monitor series

Provide end-to-end product engineering and support ODM in manufacturing

## SCOPE

- Full product development ownership:
- Hardware, Software, Mechanical, Certification, Prototyping, Transfer of Technology to ODM and After Market support.
- Program management for the product development
- ODM & Stakeholder management

## SOLUTION

- Analyzed technical and market requirements to identify use cases
- Engaged ODM with QuEST engineers onsite for close coordination and communication in the early phase of the project
- Initial PCB layout, prototyping and board bring-up at ODM facility
- Coordinated communication for technical needs of SoC/ Scaler vendor, ODM, panel vendor and customer teams
- Stakeholder management across multiple countries

## FEATURES

- A Cinema 4K display for the animation studios/ film production market segments
- Professional studio monitors with host less calibration facility