

Hardware Board Design Engineer

Openings: 1 (Bangalore, India)

Experience: 3+

Job Description:

Looking for Hardware Board PCB design engineer with good systems knowledge and ability to grasp high level concepts and quickly realize results.

Skills Required:

- Working experience on various stages of hardware product development cycles
- Experience on High speed board design
- Experience in working with various protocols such as PCIe, USB3.0, MIPI CSI/ DSI, LVDS, HDMI, DDR3/4,SD/eMMC, NAND, SPI/I2C,
- Working experience with various peripherals such as Image sensors, LCD displays, Flash memory, etc.
- Good knowledge on Timing, Pre and Post Signal Integrity Analysis and simulations tools
- Solid experience of board power supply design, Switching and linear regulators and power supply filtering
- Good Knowledge on board design and implementation guidelines along with EMI/EMC aspects
- Board bring-up, functional testing, DVT measurements and validation
- Experienced user of state-of-the-art EDA tools like Cadence Orcad, Allegro, Visio, Altium.
- Must have good experience on board level testing and be able to use lab instruments such as Function generator, Oscilloscope, Multimeter, etc.
- Should have awareness of boards mechanical fitment
- Excellent analytical and problem solving skills
- Good team player and should be able to communicate effectively with cross functional teams.