

LOCATION: Ft Lauderdale, Florida

JOB TITLE: Lead Electrical Engineer – Digital Design

BASIC QUALIFICATION: Bachelors degree in Electrical, or Electronics, MS preferred

YEARS OF EXPERIENCE: 15 or more years of hardware or electrical engineering experience

SCOPE OF RESPONSIBILITIES:

Experienced Lead Electrical Engineer focused on digital design for smart phones and consumer wireless devices. Individual in this position will work with multi-discipline team, interfacing with software, mechanical and 3rd parties. Excellent communication skills are essential.

Engineers at this level are expected to architect the digital design requirements as well as direct the overseas team to develop the product. This includes defining requirements for camera, display, processor, sensors, memory, USB, HDMI, ESD and BB design. Experience with QC processor is preferred. Extensive experience with touch, camera, memory and sensors is required. Knowledge of test requirements and equipment requirement is a must.

Engineers at this level are expected to work on complex issues and develop resolutions where analysis of situations or data requires an in-depth evaluation of variable factors and/or frequent use of creativity.

Engineers in this position are expected to follow the complete electrical development life cycle including requirements analysis, design, coding and testing.

JOB REQUIREMENTS:

- Experience with embedded microprocessors, memory systems, analog circuits, schematic capture and hi-speed PCB layout best practices and batteries.
- Knowledge of data-capture devices such as imagers (CCD /CMOS), laser scanners, magnetic swipe readers, radios, biometric devices.
- Experience with display, touch and Camera design and implementation in mobile products
- Experience with high speed interfaces as MIPI, SD, I2C, SPI, PCIe, SATA, USB, DDR3, 1G/10G Ethernet
- Knowledge of microprocessor architecture such as arm, x 86 etc. Familiarity with Qualcomm processor is preferred.
- Expertise in Thermal Analysis, Signal Integrity, Timing analysis and Power analysis
- Working knowledge with digital scopes, logic analyzer, power supplies and other test equipment

- Define test plans and test equipment requirements.
- Experience with VEE is a plus.
- Experience in product development.
- Ability to work in cross-functional teams.
- Advanced troubleshooting / problem solving skills.
- Working knowledge in Cadence
- Excellent written and oral communication skills.

VSN Mobil is an equal opportunity employer. We evaluate qualified applicants without regard to race, color, religion, sex, national origin, disability, veteran status, and other protected characteristics.

Successful applicants must be eligible to work in the United States.