

LOCATION: Ft Lauderdale, Florida

JOB TITLE: Mechanical System Architect

BASIC QUALIFICATION: Bachelor's degree in Mechanical Engineering.
Master's Degree in Mechanical Engineering preferred

YEARS OF EXPERIENCE: 10+ years of experience in design and analysis of electronics packaging.

Mechanical System Architect will have a high level of analysis and design skills. Position is a lead technical resource in all mechanical areas of product design such as thermal, structural, manufacturability, serviceability and reliability. Candidate must be well versed in the core mechanical engineering analytical skills in order to affect system-level decisions and represent the team at cross-functional reviews. Candidate should possess ability to independently productize electro-mechanical packaging designs for means of consumer electronic systems.

Responsibilities:

- Architect and influence the shaping of products by providing mechanical engineering insight into company's product roadmap.
- Identify and scope projects around innovation opportunities as well as technology risks.
- Execute designs for complex systems backed by thorough engineering analysis while taking in consideration business target needs.
- Take responsibility for gathering cross-functional team requirements and their integration into the mechanical design.
- Engage ODM partners and technology providers to gather information and release requirements.
- Generate IP to protect innovation

Required:

- 10+ years of experience in design and analysis of electronics packaging.
- Must have extensive experience in designing complex electro-mechanical assemblies with an expert understanding of mechanical tolerances GD&T and/or the ability to perform detailed tolerance loop analysis.
- Must have experience in speaking and influencing at an executive level.

- Must possess strong written and verbal communication skills.
- Must have extensive experience with 3D CAD systems such as Pro-E
- Expertise in structural and thermal analysis simulation for small to large electronics packaging systems
- Excellent working knowledge of mechanical engineering and design principals with specific expertise in the areas of design for medium-scale production, injection molding, electro-mechanical packaging designs for means of consumer electronic systems
- Possess working knowledge of mass-production manufacturing processes and material costs
- Ability to work independently

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.