

Signal Integrity Engineer (Senior/ Staff)

Job Description

Responsibilities include (but are not limited to):

- Collaborate with design teams to create layouts for circuit boards and electrical systems, focusing on optimizing signal transmission.
- Simulate and model electrical behaviour on circuit boards to predict potential issues and ensure signals meet the required specifications.
- Develop test plans and perform measurements to validate the performance of the designed electrical systems.
- Identify the root cause and recommend solutions throughout the product development process.

Requirements

- Minimum of a Bachelor's degree in Electronic/Electrical Engineering, Computer Engineering, or equivalent.
- Minimum 5 years of experience of related field.
- Experience with tools like PowerDC, PowerSI, HSPICE, ADS, Ansys HFSS (aedt), SIWave
- Experience with common SI simulation models such as IBIS, IBIS-AMI, S-parameter, COM analysis.