



Senior RF Hardware Engineer

Essential Duties:

- Design RF-focused reference boards for wireless charging components and systems
- Characterize RF Devices (Amplifiers, Rectifiers, passives) and systems
- Contribute to all phases of component and system product development: architecture definition, transistor-level circuit design, multi-chip module design, layout, lab debug, validation and production support

Skills/Qualifications:

- MSEE+ 3-5 years of experience or BSEE with 5-10 years' experience
- Experience with RF power amplifier, multi-chip module, RF front-end design and product development
- Board level PCB design experience is highly desirable
- Strong RF fundamentals such as impedance matching, active/passive RF device modeling, resonant circuits and RF/wireless communication systems
- Proficiency with circuit simulation tools (such as ADS/AWR) and electromagnetic simulation tools (such as HFSS/CST)
- Experience with RFIC/analog circuit design is desirable
- Knowledge of common wireless communication standards desirable
- Hands on experience with lab debugging and RF instruments
- Strong communication and problem-solving skills. Capable of working closely with cross-functional teams, including test engineers, product engineers, application engineers, program managers and marketing