

# Hardware Manager

Please submit resume to [jeff.sondermeyer@coachcomm.com](mailto:jeff.sondermeyer@coachcomm.com) for consideration.

## Position Summary

The Hardware Electrical Engineer/Manager position will be located in our Auburn, AL corporate office. This candidate will possess strong organizational and problem solving skills and have the ability to design and debug hardware and also manage our hardware/mechanical team. This position will work closely with our Principal Hardware Electrical Engineer.

## Responsibilities:

- 80% of your time - full electrical hardware design
- 20% of your time - manage hardware/mechanical team including two FPGA design engineers, one EE and one mechanical engineer
- Reports directly to the Director of Engineering
- Prepare and provide weekly hardware/mechanical update to executives
- Attend the biweekly hardware standup meetings with Director
- Attend staff meeting every Monday
- Keep organized/detailed list of design and debug actions using Kanban
- Report issues timely and concisely
- Assess priorities and reallocate daily

## Abilities

- Strong organizational, prioritization, and time management skills
- Strong problem solving skills
- Ownership for all things hardware/mechanical
- Driving team to excellence with continuous improvement mindset
- Full system hardware design and debug in both high-speed digital and analog
- Digital design experience with FPGAs as must (preferred Xilinx Artix 7s)
- Digital experience with DSPs, DDR, FLASH, audio ADCs and DACs
- Analog design experience with opamps, amplifiers, FETs, BJTs, muxes, switches, audio circuits, transformers
- Analog filter design experience using opamps
- Power supply design experience with switching regulators, LDOs, buck, boost
- Industry experience with high-speed layout in Allegro Cadence and schematics in Orcad Capture a strong plus. Or, experience in any layout (PADs, Altium, etc.)
- Ability to write bring-up firmware in C language a strong plus
- Surface mount and through-hole rework including 0201 passive components, SOT23 and QFNs using soldering irons and hot air guns
- Setup, run and take measurements using spectrum/logic analyzers, oscilloscopes, bench supplies and multi-meters, ESD guns, thermocouples
- Multitask and coordinate with other departments and other managers
- Ability to lift 50 lbs.

In addition, this position requires the Engineer to be assertive and inquisitive while taking ownership of all activities

## Educational Requirements and Experience:

- BSEE minimum with focus on hardware design
- At least 5 years industry experience as a hardware (EE) design engineer
- At least 2 years of experience as a people manager

**Job Type:**

- Full-time with ability to work overtime as needed

**Required work authorization:**

- United States