

Sr Electrical Engineer

As a senior electrical engineer at Dephy, you'll get to support and expand all aspects of our embedded systems and wearable technologies. You'll develop and prototype analog circuits to power wearable devices, along with microcontrollers and microprocessors to drive them.

Our devices' electromechanical characteristics, software platform, and controllers are highly integrated; You'll work closely across disciplines with mechanical, software and control engineers to design these systems.

We are nerds at heart and love solving technical problems with minimum overhead. For instance, you could come up with a circuit idea on Monday, CAD it and order PCBs right away, write firmware while the prototypes are fabricated, and assemble and test them by the end of the week. Just in time for Friday's happy hour.

Requirements:

- Bachelor's degree in Electrical Engineering.
- Three years of relevant experience.
- A track record of designing and prototyping PCBAs.
- Circuit design skills in mixed-signal applications (e.g. microcontrollers, motor control, wired communication, switch-mode power supplies, and radio modules).
- Experience performing engineering analyses and writing test plans, specifications, and test reports.
- Experience using Altium Designer.
- Desire to work across disciplines to troubleshoot and design systems.
- Excellent written and verbal communication skills.

Desired Qualifications:

- Experience with STM32 microcontrollers.
- Experience with all stages of the hardware development life cycle.
- Experience with productization and compliance certifications (FCC, UL, IEC).
- Experience with radio communications such as Bluetooth, WiFi, or 802.15.4.
- Experience with robots, exoskeletons, or prostheses.
- SolidWorks.

Other Information

- Start date: immediate
- This role is restricted to US persons (i.e. US citizens, permanent residents, and other protected individuals) due to potential access to export-controlled technology.
- Dephy is an equal opportunity employer and does not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin, age, disability, marital status, veteran status, sexual orientation, genetic information, or any other protected characteristic under applicable law.
- Salary and equity will be determined based on qualifications