



Position: Electronics Design Engineer



Position: Electronics Design Engineer

About i4PD

i4PD is an employee-owned product design and development consultancy. Our company is an established brand with an excellent reputation for achieving a competitive edge for small and large businesses alike by bringing new or improved products to market.

The company employs experienced and creative designers and engineers who operate out of i4PD's studio on the south side of Edinburgh. The team works collaboratively with our clients to augment their internal capabilities, supporting them to add functionality, reduce cost, increase visual appeal, enhance usability, and keep pace with the IoT revolution. Our clients include household names and those on their way to becoming leading consumer electronics and medical device brands.

About the Role

We are seeking an Electronics Engineer to join our multidisciplinary team. This role can be offered on either a full-time or part-time basis (minimum 3 days per week).

You will work on a diverse range of client projects across consumer, medical, industrial and connected products, developing electronic systems from concept through to prototype and production.

Working closely with our mechanical, software and product design teams, you will deliver high-quality technical solutions that meet client requirements and comply with our Quality Management System (QMS).

Key technical activities include:

- System architecture and requirements analysis
- Circuit design and component selection
- PCB schematic capture and layout
- Prototype bring-up, testing and debugging
- Verification and technical documentation

The Impact You'll Make

Our engineers tell us they love the variety, autonomy and working on products that make a difference.

Here are some of the things you might achieve during your first year with us:

- Design and deliver a new electronic subsystem from concept through to production-ready design.
- Help a client solve a technical problem that unlocks the next stage of their product development.
- Contribute to the development of an innovative product used by thousands of people.
- Develop your expertise in areas such as embedded systems, EMC, power electronics or system architecture.
- Build strong client relationships and become a trusted technical advisor.
- Learn from experienced colleagues while sharing your own expertise.



Position: Electronics Design Engineer

Your Background

- Bachelor's degree (Honours) in Electronics Engineering or a closely related discipline.
- Minimum 3 years' professional experience in electronics design and development.
- Experience designing and delivering functional electronic prototypes and products.
- Good understanding of electronic system architecture, requirements analysis and technical risk management.
- Experience creating electronic schematics, selecting components and supporting PCB development.
- Confidence using laboratory equipment including oscilloscopes, multimeters and logic analysers.
- Experience with ECAD tools such as Altium Designer, OrCAD or equivalent.
- Experience producing clear technical documentation suitable for client and project review.

Your Capabilities

- Strong analytical and problem-solving skills, with the ability to identify root causes and develop practical solutions.
- Able to work independently while recognising when to seek support or challenge assumptions.
- Comfortable working across multiple projects and balancing competing priorities.
- Strong communication skills, with the ability to explain technical concepts clearly to technical and non-technical audiences.
- Collaborative and team-oriented, working effectively with colleagues from different disciplines.
- Commercially aware, understanding the impact of technical decisions on project cost, timescale and client value.
- Organised and methodical, with attention to detail and a commitment to quality.

What We Offer

This role can be offered on either a **full-time or part-time** basis (minimum 3 days per week).

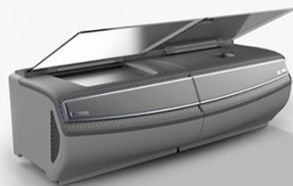
We operate a hybrid model, with team members typically spending 1-2 days per week in our studio depending on project needs.

We share the salary on offer for this role as part of our commitment to inclusion and transparency: **£38,000 - £52,900 per year**

We'll make a fair offer based on your skills and experience so that no one needs to negotiate to be paid equitably.

Benefits include:

- Employee Ownership Trust bonus scheme
- Flexible working
- Enhanced family and sick pay
- Holiday purchase scheme
- Long-service rewards
- Cycle to Work scheme
- EV lease scheme



How to apply?

Apply today by emailing your CV to
jobs@i4pd.co.uk

Our typical recruitment process involves:

- A short screening call
- An interview via Teams
- An in-person interview with a task

Applications will be reviewed on a rolling basis, and successful candidates can typically expect to hear from us about next steps within 2 weeks of applying.

We're committed to creating an inclusive hiring process and will do our best to accommodate any reasonable adjustments you may need at any stage.

designing the
future together

© i4 Product Design Ltd 2026

i4 Product Design

+44 (0) 131 448 2266

enquiries@i4pd.co.uk

www.i4pd.co.uk