

We are Mobidiag, team of more than 200 people in 4 countries driven by creating something meaningful and helping the world to be a better place by offering innovative molecular diagnostics to detect infectious diseases. As a fast-growing dynamic international company, Mobidiag has doubled its personnel in one year. With a broad range of tests and instruments based on well-established PCR technology, Mobidiag solutions allows fast and cost-efficient detection of most common bacteria, parasites, viruses and antibiotic resistances to answer any microbiology and clinical laboratory requirements. Mobidiag is headquartered in Espoo, Finland, with subsidiaries in France, Sweden and UK.

At Mobidiag, we take our jobs seriously and we believe everyone can make a difference. We have been very proud to be an active player in the fight against the COVID-19 pandemic and we are ready to tackle any new challenges ahead! But we cannot do it alone so we need the best people. Are you one of them?

For more information about Mobidiag, please visit www.mobidiag.com

We are now looking for an:

R&D Engineer - Electronics

(CDI, Paris 11^{ème}, France)

Your key responsibilities:

For Design/Feasibility purpose

- Assists in electrical system design
- Review designs to ensure electrical performance, safety and EMC standards
- Aids in code review (embedded systems)
- Selects and puts to use commercial boards based on specifications
- Selects and puts to use dedicated electrical equipment based on needs
- Participates in supplying, assembling and using benchtops/mockups together with R&D Team members.
- Develop and/or interpret requirements and specifications, test plans and other documentation related to Electronics and consistent with project objectives and Quality requirements
- Interface with external partners for requirement definition and design review of electrical system, PCB or assembled boards.
- Interpret and review electrical system schematics and PCB layouts

For development/verification purpose

- Provides risk mitigation using FMEA on electronics, PCBs, cables and embedded systems when requested
- Drafts protocols and conducts electrical system verification and validation testing as defined through design controls
- Interface with certification testing partners for 61010 (safety), 61326 and 60601 (EMC) testing

For lifecycle management purpose

- Performs PCB troubleshooting and root cause analysis down to component level
- Maintains and updates requirements and design documentation throughout the entire system life cycle

Ideally, you should have:

- Master's Degree in Engineering with specialty in electronics or equivalent (MS/MSc, MA)
- You have worked at least 5 years as member of a R&D, design & conception team
- Experience with EMC consideration during electrical design is highly desired
- Solid understanding of digital design products using ARM Cortex or FPGA.
- You can work with Linux environment and VHDL
- A background in working with medical devices is highly desired
- Outstanding scientific, communication and organizational skills are a must
- Fluency in English is a must (speaking and writing)
- Active learner with the ability to acquire new information and incorporate into its work
- You can work independently and deal with changing schedule and priorities
- The work can include punctual travels within France or EU

What we offer to you:

- The possibility to thrive and expand your expertise – by working in a growing company you will be involved in full spectrum of projects and challenges
- The chance to be part of an amazing team – you will work among enthusiastic, talented and energetic team members
- The ability to learn continuously – we believe in investing to our employees and ensuring their know-how is top-notch
- The opportunity for experience sharing with ongoing company and team meetings - with offices in different locations, organizing regular meetings brings added value both to the company and to our employees

Please send your CV and cover letter to Régis Mélizzi, R&D Manager (Paris, France), jobs_fr@mobidiag.com. Use "R&D Electronics Engineer" in the subject line.

If you have any questions, please email us or call +33 1 55 25 17 00.