ELECTRA IC HARDWARE DESIGN ENGINEER

JOB DEFINITION:

We are looking for an experienced Hardware Design Engineer to join our expanding team headquartered in Teknopark İstanbul, Turkey.

Design, development, prototyping and testing of hardware, including but not limited to:

- Production of Hardware specification documents, test specifications and plans.
- Design of analogue and digital circuits to meet project requirements, including the selection of suitable components.
- Generation of schematics & PCB layouts, including review against requirements and specifications. This includes the creation of new components, the design of board layer stackup and mechanical details, management of Bills of Materials, and the maintenance of the component library.
- Signal integrity analysis and simulation
- Prototyping and initial bring up and debug of new products
- Communication with clients, suppliers and sub-contractors.

QUALIFICATIONS:

- Experienced with and understanding of the function of electronic components, both analogue and digital.
- Experience of Altium Designer tool.
- Experienced with and understanding of the function of electronic circuits, both analogue and digital.
- Ability to read and understand manufacturer's data sheets and select components appropriately.
- Experienced in the design analogue and digital circuits within a final product budget.
- A thorough understanding of typical microprocessor hardware and related systems, for example the hardware of a microcontroller and typical peripherals encountered.
- Familiarity with embedded microprocessors and the software they must run.
- Comfortable with the use of low level debugging equipment, for example digital storage oscilloscopes, signal generators.
- An understanding of the causes of EMC problems in electronic circuits and best practice methods employed to overcome these.
- Excellent written and verbal communication skills, ability to produce clear & concise documentation such as software specifications.
- Able to negotiate and then adhere to a project schedule.
- Maintaining high standards of work while under pressure.
- Ability to work effectively as part of a team.
- High level of self-motivation and drive for success.
- Excellent problem solving abilities.

Yukarıda yer alan pozisyonda çalışmak ve başvuruda bulunmak isteyen mezunlarımız fotoğraflı özgeçmişlerini kariyer@ticaret.edu.tr adresine mail atarak yapabilirler.

Not: Bu ilan, sadece İstanbul Ticaret Üniversitesi öğrencilerini ve mezunlarını bilgilendirme amacı taşımaktadır.



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