Sr. Hardware Design Engineer

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Company: Jobinfo

Location: Israel

Category: other-general

Job Description:

We are looking for a highly skilled Hardware Design Engineer to join our R&D team

and take part in developing our ultra-deep-tech innovative products and solutions for

wireless energy

transfer systems for autonomous robotics. The team deals with multidisciplinary R&D tasks for

developing in-house solutions and platforms. Come work with us in a dynamic working

environment

with high responsibility, joining us, you'll have the chance to develop unique products from

scratch to

mass production.

Key Responsibilities:

? Board design - power, analog and digital.

? Plan, execute and analyze HW validations.

? Design and BoM optimizations.

? Leading the development of the company's core products.

? Responsibility for the development from the design stage to the final product, including all

tests

necessary to deliver the product to mass production (electronic tests, thermal tests, EMI

tests).

? Close work with System/Mechanical/Embedded/ASIC and production teams.

Additional Positions:

Category:

Job Qualifications:

? B.Sc. in Electrical engineering.

? At least 5 years of experience in hardware board design.

? Experience in Analog and/or Power electronics designs (DC/DC topologies design, Analog circuits

design, Noise and Signal integrity concerns).

? The position requires strong hardware capabilities - Experience with lab equipment for hardware

validations.

? Strong E2E system/product bring-up and validation capabilities.

? Knowledge in high voltage/current and RF.

? Familiar with DC-DC control-loops.

? Familiar with DC-AC and AC-DC conversion circuits.

? Knowledge of PCBA design.

? Experience with wireless power charging – huge advantage.

? Experience in mass production procedure – advantage.

? Experience in EMI/EMC – advantage.

Company Occupation:

High Tech

Company Size:

Small (0 - 50)

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