

M.B. Control & Systems Pvt. Ltd, is an ISO-9001 company. Since our inception in 1983, we have been committed to provide innovative electronic systems and equipment for control and monitoring of industrial processes. We design, manufacture, install and commission industrial electronics systems on turnkey basis.

Our team of experts is available to dispense expert technical support and provide technical solutions to questions ranging from generic to complex. We consider excellence of products and service as a key to gaining customer loyalty and satisfaction. We have pan India presence via dealer and distribution network.

All the products we offer can be viewed on our website www.mbcontrol.com. We have clients such as in power generation (wind, solar, hydro etc.), OEM, Transmission, IPP, CPP, Heavy Industries etc.

Achieve your potential - build an exciting career

Discover the opportunity to join a dynamic, and responsible company that fosters the development of all its people and communities around the world. Every day, we challenge employees to achieve more and experience exciting careers.

JOB PROFILE:

Embedded Hardware Design Engineer

Tasks:

- Expertise and hands-on experience in hardware and firmware development from scratch.
- Expertise in integration & verification of complex SoC systems including Application Processor, Baseband SoC, Power management IC, RF Engine, Memory, Keypad, Display etc.
- PCB schematic and layout design
- Conduct signal integrity analysis, power integrity analysis, and thermal analysis to optimize hardware designs
- Demonstrate CAD design capabilities
- Expertise in Embedded System Design
- Good experience in firmware development with 8, 16, 32-bit Controllers / Processors
- Expertise in turn-key solutions
- Virtual prototyping of electronic design like simulations.

- Collaborate with firmware/software engineers to integrate hardware designs with software/firmware solutions
- Strong knowledge /experience with embedded systems firmware development for sensors & control application algorithm developments.
- Debug and resolve hardware issues through root cause analysis and troubleshooting.
- Experience of documentation using Microsoft Word, Excel, Power Point

Qualifications:

- BSc or MSc in Electronic Engineering
- Minimum Exp. 5 years as Embedded Hardware Design Engineer.
- Location: Howrah office

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