

MosChip® to Exhibit Embedded & Digital Solutions at the Embedded World North America 2024

Showcasing recently launched “MosChip DigitalSky™ - Building Connected Intelligent Enterprises”



Santa Clara, California Oct 7, 2024 ([IssueWire.com](https://www.issuewire.com)) - **Who:** MosChip® Technologies, a semiconductor design and product engineering services company with expertise in SILICON | EMBEDDED | PRODUCT | AI/ML Engineering Solutions, driving digital and product transformation for businesses across various industries with technical excellence.

What: Showcase of recently launched [MosChip DigitalSky™](https://www.moschip.com/digitalsky/), a comprehensive suite of digital solutions aimed at transforming global enterprises into connected and intelligent entities. It enables organizations to thrive in the digital age by bridging gaps between Products, IT, and Operations and embedding intelligence at each layer of the enterprise. MosChip DigitalSky™ harnesses domain-centric, persona-driven intelligence to enhance productivity, operational effectiveness, and stakeholder experience across diverse business functions. It offers a holistic suite of technologies including **IoT, Cloud, AI & GenAI, Application & Data Modernization, Security, Automation, and UX & Mobility**. In addition, we will be demonstrating Embedded Systems, Software & Hardware capabilities, AI/ML applications development for Edge devices, and software development for emerging RISC-V-based FPGA and ASIC platforms.

MosChip DigitalSky™ Digital Solutions Suite:

- **Digital Products:** Seamlessly integrate product platforms via cloud and mobility solutions, while delivering AI-powered, persona-specific experiences.
- **Digital IT:** Modernize IT infrastructures with enhanced automation and intelligence, flexible, personalized workflows tailored to each user's needs.
- **Digital Operations:** Optimize business functions by integrating persona-specific intelligence and data-driven insights.

MosChip DigitalSky™ Innovation Hub: The hub enables enterprises to co-create next-gen solutions. MosChip® guides customers from ideation to product design and prototyping, leveraging cutting-edge technologies, expert talent, and streamlined processes to bring visionary ideas to reality.

A live showcase of our Connected Intelligent Solution for Asset Monitoring, IT Monitoring, and Function Specific Operational assistance.

- IoT Edge Gateway
 - Edge to Cloud Security
 - Field Service Technician Assist
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A live showcase of Intelligent Test Automation Framework with GenAI

Discover the power of intelligent test automation with GenAI, which revolutionizes testing efficiency through AI-driven insights and adaptive automation. Experience faster, smarter testing that evolves with your enterprise needs.

MosChip® Embedded Systems, Software & Hardware capabilities

Power Controller Debugger Solution for Power Management Chips. The scalable debugger solution can communicate with the power controller over different interfaces to configure its registers, controlling and reading real-time data from the registers by using a Graphical User Interface (GUI) application. It also validates the power controller IC during the pre and post-silicon validation stages.

Several application-specific Evaluation Boards were designed and developed at MosChip®.

MosChip® AI/ML capabilities on Edge

Solution for smart safety in manufacturing and construction employing PPE (Personal Protective Equipment) kit detection on VISION MPUs with AI Accelerators.

MosChip® RISC-V capabilities

Bring-up open ISA RISC-V core on FPGA | Porting Zephyr OS on customized RISC-V platform | Driver development, integration & porting for I2C, GPIO, UART, PLIC, CLINT (MTIME)

Why: In today's rapidly evolving digital landscape, businesses face challenges in modernizing legacy systems and addressing silos between departments, roles, and functions. The necessity for automated workflows, empowered users, and personalized stakeholder experiences is growing. MosChip DigitalSky™ offers a holistic suite of technologies that address such needs. These integrated suites of technologies enable enterprises to seamlessly integrate systems, improve agility, and embed intelligence that adapts to the unique needs of the enterprise and its stakeholders—customers, employees, and partners alike. It empowers global enterprises with innovative digital solutions for seamless connectivity and intelligence across Products, IT, and Operations.

When: October 8 – 10, 2024

Where: [Embedded World North America 2024](#)

Convention Center, Austin, Texas

Booth No #2054

About MosChip® Technologies

MosChip® Technologies with 1250+ engineers located in Silicon Valley-USA, and India, provides engineering solutions encompassing end-to-end silicon design, verification, systems, software, and device engineering, multimedia, mobility, connectivity, AI/ML, and test automation, along with Mixed Signal IP development and Turnkey ASIC services. MosChip® has developed and shipped millions of connectivity ICs and has an excellent track record of first-time-right silicon of 200+ SoC tape-outs.



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