

MosChip® Technologies joins Renesas RZ Partner Ecosystem as AI/ML Design Partner



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PARTNER ECOSYSTEM AS AI/ML DESIGN PARTNER



Santa Clara, California Oct 21, 2024 ([IssueWire.com](https://www.issuewire.com)) - MosChip® Technologies is now an AI/ML design partner under [Renesas](#) RZ partner ecosystems, delivering intelligent solutions based on Renesas RZ/V series of MPUs.

MosChip® Technologies is a semiconductor design and product engineering services company with expertise in SoC design, systems, software, mobility, connectivity, vision, AI/ML, and GenAI based solution design for diverse industrial domains. It is a trusted technology partner delivering high-performance next-gen solutions for seamless connectivity and intelligence across Products, IT, and Operations.

Designed by Renesas, a global leader in microcontrollers, SoCs, analog, and power products, the RZ/V series MPUs deliver full-scale vision Artificial Intelligence (AI) solutions with excellent power efficiency. They enable fast real-time AI processing and robust AI inference performance for robotics, home appliances, and industrial automation systems without cooling fans or heat sinks. The [Renesas RZ Ready](#) is an extensive network of trusted technology partners that deliver commercial-grade building blocks for Renesas RZ products. These partner solutions are designed to help accelerate the development of customer systems with ready-to-use solutions.

As an AI/ML Design Partner within the Renesas RZ Partner Ecosystem, MosChip® leverages its deep expertise in AI and Machine Learning (ML) to collaborate with Renesas and its global network of partners. MosChip® has developed intelligent solutions viz. Smart Safety with PPE Kit Detection,

Patient Monitoring System, ADAS Brake Alert with Distance Monitoring, and Action Recognition with Pose Estimation based on Renesas RZ/V series MPUs with DRP-AI accelerators. The aim is to accelerate the development and deployment of AI/ML-powered solutions that meet the growing demands of industries such as automotive, industrial automation, healthcare, consumer electronics, and more.

“Becoming an AI/ML Design Partner in the Renesas RZ Partner Ecosystem underscores MosChip®’s commitment to advancing innovation in the AI/ML domain and delivering cutting-edge solutions across various sectors. It is a testament to our AI/ML capabilities that facilitate the development of intelligent products/solutions meeting the challenges of tomorrow” said Swamy Irrinki, SVP, Worldwide Sales and Marketing at MosChip® Technologies.

“As AI/ ML adoption continues to grow across a broad range of industries and end applications, at Renesas we are focused on building a multi-layered ecosystem to empower developers. We are happy to welcome MosChip® to the Renesas Ready Partner Network,” said Kaushal Vora, Sr. Director of Business Acceleration and Ecosystem of Renesas. “With strong capabilities in AI/ ML and a host of available solutions, MosChip® will bring immediate value to our developer community and help accelerate their ideas to reality.”

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. For more information, visit www.moschip.com.

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