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Microchip Technology Unveils Model Context Protocol (MCP) Server to Power AI-Driven Product Data Access

Server enables access to trusted product information across AI platforms to simplify workflows, accelerate design and boost productivity

CHANDLER, Ariz., Nov. 06, 2025 (GLOBE NEWSWIRE) -- Further demonstrating its commitment to developing AI-enabled solutions for embedded engineers, Microchip Technology **(Nasdaq: MCHP)** has announced the launch of its Model Context Protocol (MCP) Server. An AI interface, the MCP Server connects directly with compatible AI tools and large language models (LLMs) to provide the context these systems need to answer questions. Through simple conversational queries, the MCP Server enables users to retrieve verified, up to date Microchip public data including product specifications, datasheets, inventory, pricing and lead times.

Built on MCP streamable HTTP standards, the server delivers context-aware and JSON-encoded responses optimized for AI clients such as Copilots, AI chatbots, LLM-based IDEs and enterprise AI agents. The platform supports a wide range of applications and integrates Microchip public data directly into development environments and intelligent assistants.

“The launch of our MCP Server is another example of how Microchip is leaning into AI and providing AI-based tools that help make life easier for our customers,” said Rich Simoncic, chief operating officer for Microchip Technology. “We’re dedicated to harnessing the power of AI to boost productivity and drive innovation. By enabling instant access to verified product information within the AI platforms developers already rely on, we’re removing barriers and making it easier to design with Microchip solutions.”

By combining reliable technical and sourcing information, the MCP Server can enhance design productivity, streamline automation and empower engineers to develop faster and make more informed decisions.

This launch underscores Microchip’s ongoing commitment to advancing digital transformation and AI enablement across enterprise ecosystems. The Microchip MCP Server is publicly available at no cost to the user. Visit the website to access the endpoint HTML and get started: **http://www.microchip.com/en-us/resources/model-context-protocol-server**

Resources
High-res images available through Flickr or editorial contact (feel free to publish):

- Application image: **https://www.flickr.com/photos/microchiptechnology/54902235898/sizes/o/**

About Microchip Technology:
Microchip Technology Inc. is a broadline supplier of semiconductors committed to making innovative design easier through total system solutions that address critical challenges at the intersection of emerging technologies and durable end markets. Its easy-to-use development tools and comprehensive product portfolio supports customers throughout the design process, from concept to completion. Headquartered in Chandler, Arizona, Microchip offers outstanding technical support and delivers solutions across the industrial, automotive, consumer, aerospace and defense, communications and computing markets. For more information, visit the Microchip website at **www.microchip.com**.

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