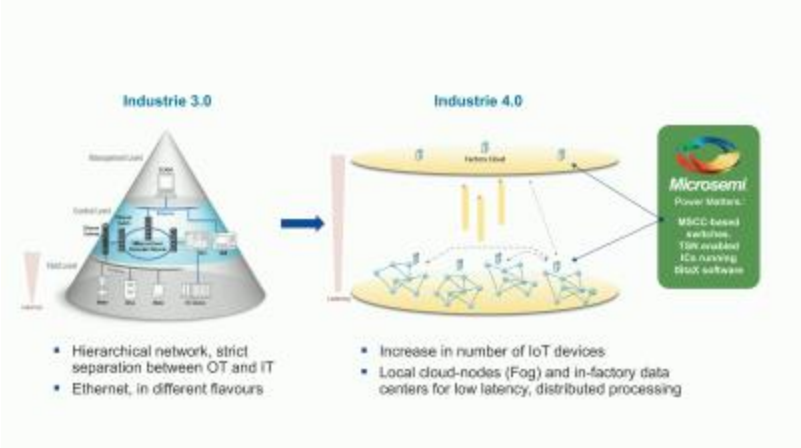
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Microsemi to Showcase Time Sensitive Networking Solutions and Enhanced Software Offerings for Ethernet and IP Networking

New Software Capabilities Expand Market Opportunity for Enterprise and Industrial Ethernet Solutions

ALISO VIEJO, Calif., May 31, 2018 /PRNewswire/ -- **Microsemi**, a wholly owned subsidiary of Microchip Technology Inc. (Nasdaq: MCHP), today announced enhancements to its Managed Ethernet Switching software solutions, namely its SMBStaX, IStaX and Carrier Ethernet (CE) services packages, targeted at enterprise, industrial and carrier applications. Microsemi will be showcasing the new networking capabilities of the software solutions during COMPUTEX June 5-9, 2018 in Taipei, Taiwan, with product experts on hand at the Grand Hyatt Taipei.



Microsemi Ethernet silicon and software portfolios are aimed at providing customers with feature-rich managed switching solutions ready for deployment. By expanding this software portfolio to include Layer 3 routing protocols, the company enables a full range of Internet Protocol (IP) networking devices spanning from small medium businesses (SMB)/small medium enterprises (SME) switches to aggregation switches. Support for Time Sensitive Networking (TSN) broadens the solution capabilities to support real time behavior such as deterministic latency and increased reliability needed by communication networks, including industrial internet of things (IoT).

"The TSN capabilities demonstration and IP networking enhancements to our software represent Microsemi's continued investments to provide our customers with feature-rich managed Ethernet switching solutions," said Uday Mudoi, vice president of marketing at Microsemi. "Our software solution enables better time to market, lower cost of development

and higher return on investment for our customers. In addition, our Linux-based software development kit (SDK) also allows easier integration of open source protocols by our customers to deliver managed Ethernet switching solutions for a variety of applications from enterprise to industrial IoT."

In addition to developing the new features of its XStaX software packages, the Microsemi team has also built a flexible support model allowing customers to obtain its source code and develop additional applications on top of the company's SDK—a particularly important capability in engagements requiring full Software stack with variety of management options.

"Network managers are looking for equipment with advanced capabilities, such as management features, power-over-Ethernet and higher speeds, to accommodate the increasing demands applications place on their network infrastructure," said Matthias Machowinski, senior research director at IHS Markit. "That's why managed switches account for the majority of Ethernet switch port shipments—with 61 percent in 2017—and we expect this segment to continue taking share in the years to come, at the expense of unmanaged switches."

Growing Market Share
The customer base for Microsemi's Linux-based WebStaX, SMBStaX, IStaX and CE services software packages are growing rapidly since their recent introductions. To accommodate the additional features required by the software packages, Microsemi has integrated and further enhanced the Layer 3 dynamic routing protocols based on open source community software, leveraging the advantages of working along with the Linux community of developers.

While the company's WebStaX and SMBStaX SDKs are ideally suited for the enterprise market, IStaX and CE services SDKs are targeted for industrial and carrier solutions. With the software available now, Microsemi also continues to support a full range of networking protocols and management options for enterprise, carrier and industrial applications. The company's engagement flexibility offers customers a full range of options from application programming interface (API) to full turnkey engagement via third party collaboration or co-development with Microsemi.

Product Showcase at Grand Hyatt Taipei June 5-9
Microsemi's newly enhanced SMBStaX and IStaX software packages will be showcased throughout meetings hosted by the company at the Grand Hyatt Taipei during COMPUTEX June 5-9. To schedule a meeting with Microsemi, visit https://www.microsemi.com/details/352-computex.

Product Availability
Microsemi's enhanced SMBStaX software package as well as additional SDKs are available now, with new features provided on an ongoing basis. For more information, visit https://www.microsemi.com/product-directory/ethernet-solutions/3772-ethernet-software-ip or contact sales.support@microsemi.com.

About Microsemi
Microsemi Corporation, now Microchip Technology Inc. (NASDAQ: MCHP), offers a comprehensive portfolio of semiconductor and system solutions for aerospace & defense, communications, data center and industrial markets. Products include high-performance and radiation-hardened analog mixed-signal integrated circuits, FPGAs, SoCs and ASICs; power management products; timing and synchronization devices and precise time solutions,

setting the world's standard for time; voice processing devices; RF solutions; discrete components; enterprise storage and communication solutions, security technologies and scalable anti-tamper products; Ethernet solutions; Power-over-Ethernet ICs and midspans; as well as custom design capabilities and services. Microsemi is headquartered in Aliso Viejo, California, and has approximately 4,800 employees globally. Learn more at www.microsemi.com.

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"Safe Harbor" Statement under the Private Securities Litigation Reform Act of 1995: Any statements set forth in this news release that are not entirely historical and factual in nature, including without limitation statements related to enhancements to its managed Ethernet switching software solutions, namely its SMBStaX, IStaX and Carrier Ethernet (CE) services packages, targeted at the enterprise, industrial and carrier applications, and its potential effects on future business, are forward-looking statements. These forward-looking statements are based on our current expectations and are inherently subject to risks and uncertainties that could cause actual results to differ materially from those expressed in the forward-looking statements. The potential risks and uncertainties include, but are not limited to, such factors as rapidly changing technology and product obsolescence, potential cost increases, variations in customer order preferences, weakness or competitive pricing environment of the marketplace, uncertain demand for and acceptance of the company's products, adverse circumstances in any of our end markets, results of in-process or planned development or marketing and promotional campaigns, difficulties foreseeing future demand, potential non-realization of expected orders or non-realization of backlog, product returns, product liability, and other potential unexpected business and economic conditions or adverse changes in current or expected industry conditions, difficulties and costs of protecting patents and other proprietary rights, inventory obsolescence and difficulties regarding customer qualification of products. In addition to these factors and any other factors mentioned elsewhere in this news release, the reader should refer as well to the factors, uncertainties or risks identified in the company's most recent Form 10-K and all subsequent Form 10-Q reports filed by Microsemi with the SEC. Additional risk factors may be identified from time to time in Microsemi's future filings. The forward-looking statements included in this release speak only as of the date hereof, and Microsemi does not undertake any obligation to update these forward-looking statements to reflect subsequent events or circumstances.



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