Company:
VersaLogic Corporation

PR Contact: Chris Miller
Email: ChrisM@VersaLogic.com
Telephone: (503) 747-2261

FOR IMMEDIATE RELEASE

VersaLogic releases Gigabit Ethernet Mini PCIe module with integrated POE+

Tualatin, OR — February 25, 2020 — VersaLogic Corporation expands its line of industrial temperature, rugged Mini PCIe expansion products with the new "E6" module. The new Gigabit Ethernet expansion board offers optional POE+ support. It provides an easy "all-in-one", economical way to add a Gigabit Ethernet port with POE+ to any embedded computer systems, especially those in hostile environments.

"All in one" Magnetics and POE+ Injection
Unlike other solutions, the E6 is a single Mini PCIe card that has magnetic isolation and POE+ injection circuitry on-board. There is no need for mezzanine cards, special cables, or additional POE injection adaptors.

Small, but Powerful
Rated for POE+, the E6 supports peripheral devices drawing up to 30 W.

"With this small self-contained Mini PCIe-card, customers can now power and communicate with a wider range of peripherals." said Bob Buxton, VersaLogic Product Manager. *"For example, POE+ enables powering of not just cameras but even wireless access points."*

Precision Time Protocol
The E6 includes IEEE 1588/802.1AS Precision Time Protocol support. This enables precise time-synchronization between network nodes in applications such as smart factory and smart security.

Small!
The E6's extremely small form factor allows it to be easily added to systems with very little impact to the overall size of the solution. It is ideal for size and weight optimized applications.

Industrial Tough
The E6 is built for any application required to function in extreme environments. Fully tested thermal management assures reliable operation over the full industrial temperature range (-40° to +85°C). Latching connectors and MIL-STD-202H shock and vibration testing ensure performance in the most demanding conditions. The MPEe-E6E was engineered and validated to excel in unforgiving real world applications. Bundle it with a rugged embedded computer board from VersaLogic for a one-stop solution to your industrial application needs.

With or without POE+
The E6 is available in two flavors, with or without POE+. For those not requiring POE+, the MPEe-E6E provides Gigabit Ethernet with IEEE 1588 support in the same rugged, compact format.

Customizable in Low OEM Quantities
The E6 is customizable, even in low OEM quantities. Customization options include conformal coating, revision locks, custom labeling, customized testing and screening, etc.

Long-term Availability
As with all VersaLogic products, the E6 Gigabit Ethernet with POE+ board is designed for high reliability and long-term availability (10+ year typical production lifecycle). VersaLogic's proven design expertise makes the E6 a rock solid solution for both standard and environmentally-challenged applications.

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Pricing and Availability
The E6 with POE+ (VL-MPEe-E6E-P) is in stock at both VersaLogic Corp. and Digi-Key Corp. with OEM quantity pricing starting as low as $134. Without POE, the MPEe-E6E at OEM quantity pricing comes in as low as $111. Contact Sales@VersaLogic.com or visit VersaLogic.com or Digikey.com for more information.

See the E6 at the Embedded World Exhibition February 25 to 27, Hall 3, Booth 3-257!

About VersaLogic Corporation
VersaLogic delivers state-of-the-art embedded computers, coupled with expert technical support, for critical markets such as medical and defense. Featuring long-term availability, -40° to +85°C operation, MIL-STD-202 shock and vibration testing, and outstanding US-based support, VersaLogic products are ideal for critical applications that value ruggedness, reliability and long life. A 40+ year history of consistency has earned VersaLogic the reputation of being "the industry's most trusted embedded computer company." For more information, visit VersaLogic.com.

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