

FOR IMMEDIATE RELEASE

May 17, 2016

Name of Company    MegaChips Corporation  
Head Office         1-1-1 Miyahara, Yodogawa-ku, Osaka  
Representative     Akira Takata, President and CEO  
(Code No. 6875, First Section of the Tokyo Stock Exchange)

### **Osaki Chooses MegaChips Multi-hop Technology for improved energy management**

*New generation of demand controllers will utilize Multi-hop technology to monitor and conserve energy management while simplifying installation*

**Tokyo, Japan – May 17, 2016** – MegaChips Corporation today announced that Osaki Electric Co. Ltd has adopted MegaChips BlueChip Multi-hop PLC controller KL5BPLC250 for its new generation of demand controllers. The recently released Super Max E1 (model number: SM-E1) will offer an improved method of monitoring and conserving energy while simplifying the installation.

Since the Great East Japan Earthquake in 2011 triggered a sharp increase in energy rates, conserving energy has become a priority for electric consumers in Japan. Osaki, the largest meter manufacturer in Japan developed a next generation demand controller that enables their customers better monitoring and managing of energy usage. MegaChips BlueChip Multi-hopping PLC technology offers stable communication among multiple devices while using the existing power line for this challenge.

Jun Abe, General Manager, New Product Dept. at Osaki commented that “In the future, energy management systems will be increasingly important. Until today, initial installation of a communications system was the biggest bottleneck for us due to rising construction costs. We believe MegaChips Multi-hop PLC technology is the best product to establish a system with higher flexibility of installation, lower construction cost and high speed bandwidth.”

Masahiro Konishi, General Manager of Development at MegaChips, “Our BlueChip PLC Multi-hop” provides high-speed PLC communications and enables the construction of a 1,000-scale network with the function of max 10 hopping and the optimal protocol (ITU-T G.9905). It achieves a stable communications network through the wide area that is essential for the industrial use.

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## About BlueChip Multi-Hop

- BlueChip PLC Multi-hop key features:
  1. Secure communications
  2. Not sensitive to noisy appliances
  3. Fast and stable communications.
  4. Supports up to 10 hopping and 1024 nodes
  5. Low-power in full operation mode <0.4W
  6. Support RS485 serial communications
  7. Comprehensive network management and monitoring tools

## About MegaChips

MegaChips Corporation (1st section of the TSE (Tokyo Stock Exchange): 6875) was established in 1990 as the first innovative fabless LSI company in Japan dedicated to ASICs and SOCs with integrating LSIs and systems/applications knowledge. Its focus is on the development of cutting-edge SOCs incorporating original algorithms and architecture in the areas of imaging, audio, and telecommunications, and using the advances it achieves to offer outstanding products and solutions that meet the needs of its clients. MegaChips' products and technologies are targeted a Mobile, Wearable devices and IoT applications. For additional information, please visit: <http://www.megachips.co.jp/english/index.html>.

## About MegaChips Technology America Corporation (“MegaChips America”)

MegaChips America is a wholly owned subsidiary of MegaChips headquartered in Osaka, Japan. As one of the premier semiconductor companies, MegaChips provides Integrated Circuits (ICs) and System on Chips (SoCs) that are essential for the advancement of Application Specific Standard Products (ASSPs). Leveraging decades of technology excellence, partnerships and acquisitions, MegaChips is exploring and shaping the next wave of the digital revolution, adding significant value for businesses and consumers in the global market with innovations in the areas of Internet of Things, Displays, Mobility, and Wearable devices. The company uses its advanced technological capabilities and know-how to help people achieve healthier, safer and more fulfilling lives. For more information, contact the company at 408-570-0555, or visit <http://www.megachips.com/>.

## About Osaki

Name of company:	OSAKI ELECTRIC CO.,LTD.
Location:	Shinagawa-ku, Tokyo
Representative:	Mitsuyasu Watanabe (President)
Business:	Watt-Hour Meter, Current Limiter, Time Switch, Demand Control Equipment.
Capital:	7.0 billion yen
Established:	January 1937
Number of employees:	3,069 people (consolidated) 458 (non-consolidated) as of March 31 2015
Webpage:	<a href="http://www.osaki.com">http://www.osaki.com</a>

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