



Onion Corporation Launches SMT package for commercial OEMs

Enabling industrial and commercial companies with high volume applications to take advantage of Onion's Innovative, Easy to Use, and Low-Cost Omega2 Technology

Markham, Ontario and Boston, Massachusetts, July 20, 2017 –Today, Onion Corporation, a global provider of highly integrated wireless microprocessor modules, launched a new surface-mount packaged version of its Omega2 product. With two memory size options, the new devices support high volume manufacturing equipment for the production of commercial and industrial products for Internet of Things (IoT) applications. To date, Onion's Omega2, has only been available in a through-hole package format for manual connector insertion.

"Since our initial launch on Kickstarter and Indiegogo, the Omega2 has been available in a through-holed package version for lower volume makers, developers, and students " said Zheng Han, Chief Operating Officer and Co-founder of Onion Corporation. "This new high-volume surface mount package addresses all of the requests we've been getting from clients that want to go into high volume manufacturing with automated pick and place PCB manufacturing and assembly equipment. We are the only company in this space to support the volume OEMs."

Key Features for Onion's Omega2

- Runs Linux out of the box
- Integrated WiFi is easily connected and provisioned
- Programmable with a variety of high-level languages like Python, Node-JS, and C/C++

New Features in the Omega2S

- Small footprint, 28mm x 40mm
- Low profile, 2.8mm high
- Suitable for high-volume pick and place manufacturing process
- Two memory size versions
 - Omega2S 64MB DRAM / 16 MB Flash
 - Omega2S+ 128 MB DRAM / 32 MB Flash

Price and Availability

The Omega2S and Omega2S+ are currently available for ordering directly from Onion. Leadtime is 6 weeks ARO and pricing is less than \$6.00 in quantities of 10,000. Contact sales@onion.io for quotations.

Development Kits

With the official launch of the Omega2S modules, Onion will also offer for sale, two Development Kits that will allow product developers to fully evaluate the functionality of the modules and then begin the development of their IoT products. The kits will include a choice of one of two boards (SD or eMMC), two Omega2S modules, two Omega2S+ modules, external Wifi Antenna, and cable. The Kit sells for \$249.00 and will be available for ordering Aug 1st.

More Information

A web page is available at <https://onion.io/Omega2S>. This includes a link to download the datasheet.

About Onion

Onion Corporation has a charter to bring IoT development to everyone: makers, developers, students, and now commercial and industrial OEMs. With its tiny, affordable, and modular Omega2 platform, Onion has made IoT development quick, easy, and fun.

Onion Press Contact:

Bruce Muff, VP Sales. Phone: (+1) 978-844-0362, Email: bruce@onion.io