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Press Release

Symmetricom Integrates Chip Scale Atomic Clock with Jackson Labs Technologies, Inc. GPSDO

New COTS product provides superior holdover performance and ultra low power consumption for mission critical military applications

SAN JOSE, Calif. —March 15, 2011— [Symmetricom](#)[®], Inc. (NASDAQ: SYMM), a worldwide leader in precise time and frequency technologies, and Jackson Labs Technologies, Inc. a designer and manufacturer of cutting-edge GPS-based time and frequency generation products, today announced the signing of a Joint Marketing Agreement (JMA) to market and sell Jackson Lab's CSAC GPSDO timing and frequency board with Symmetricom's newest member of the QUANTUM™ family of atomic oscillators, the [SA.45s Chip Scale Atomic Clock](#) (CSAC). The SA.45s CSAC will be utilized as a holdover oscillator for the COTS CSAC GPSDO (Global Positioning System Disciplined Oscillator). The incorporation of the SA.45s CSAC in the CSAC GPSDO is especially well-suited for GPS-denied environments and is targeted for incorporation into dismounted IED jammers; unmanned aerial vehicles (UAVs); next-generation man-pack radios and military handheld GPS units.

“We are very excited to be able to include the truly revolutionary SA.45s CSAC as the holdover oscillator in our CSAC GPSDO,” commented Said Jackson, President of Jackson Labs Technologies, Inc.

“Compared to existing OEM atomic oscillators, the CSAC is 1/3rd to 1/30th the size, and it consumes 1/20th to 1/100th of the power. When compared to Oven-Controlled Crystal Oscillators (OXCOs), the CSAC consumes only 125 milli-watts, and offers a 3x to 10x improvement in stability and accuracy, a 10x to 100x reduction in g-sensitivity, as well as a reduction of the warm-up and lock time from 15 minutes typically to less than 3 minutes. The hold-over performance of the CSAC is especially beneficial in GPS-denied environments where mission-critical military products are being utilized on a daily basis for tactical operations.”

Dan Scharre, executive vice president and general manager at Symmetricom said, “Partnering with Jackson Labs Technologies, Inc. is a win-win for both companies and our customers. Jackson Labs Technologies, Inc. has an excellent reputation for building GPSDO boards and our two companies have

done an excellent job in integrating our respective technologies into a superior product in a short-turnaround time in order to meet the demands of our customers.”

The CSAC GPSDO will be marketed and sold from both companies as part of the Joint Marketing Agreement (JMA), and is now available for shipment. Noteworthy benefits of this integration include excellent holdover performance, ultra low power consumption, low height profile, fast-warm up time and industry-leading 1 Pulse per Second (PPS) accuracy.

About Jackson Labs Technologies, Inc. GPSDO Technology

Jackson Labs Technologies, Inc. GPSDO Technology enables extremely small COTS Global Positioning System Disciplined Oscillators (GPSDO's) that have been ruggedized to meet military requirements, in particular the DoD new and emerging timing requirements for manpack, airborne, vehicle-mounted, and stationary applications. For more information, see: <http://www.jackson-labs.com/docs.html>

About SA.45s Chip Scale Atomic Clock (CSAC)

Symmetricom's SA.45s CSAC is the world's first commercially available chip scale atomic clock, providing the accuracy and stability of atomic clock technology while achieving true breakthroughs in reduced size, weight and power consumption (16cm³ volume, 35g weight, 115 mW power consumption). For more information, see: <http://www.symmetricom.com/products/frequency-references/chip-scale-atomic-clock-csac/SA.45s-CSAC/>

About Jackson Labs Technologies, Inc.

Located in Los Gatos, CA, Jackson Labs Technologies, Inc. is a privately-held company that is setting new standards in timing and frequency generation for the defense, engineering, test & measurement, broadcast, base-station, and research markets. Jackson Labs Technologies, Inc.: The Next Generation of Timing & Frequency. For more information, visit: <http://www.jackson-labs.com>

About Symmetricom, Inc.

Symmetricom (NASDAQ:SYMM), a world leader in precise time solutions, sets the world's standard for time. The company generates, distributes and applies precise time for the communications, aerospace/defense, IT infrastructure and metrology industries. Symmetricom's customers, from communications service providers and network equipment manufacturers to governments and their suppliers worldwide, are able to build more reliable networks and systems by using the company's advanced timing technologies, atomic clocks, services and solutions. All products support today's precise timing standards, including [GPS-based timing](#), [IEEE 1588 \(PTP\)](#), [Network Time Protocol \(NTP\)](#), Synchronous Ethernet and [DOCSIS[®] timing](#). Symmetricom is based in San Jose, Calif., with offices worldwide. For more information, visit: www.symmetricom.com.

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