Epiq Solutions Announces the Matchstiq™ Z1 Handheld Software Defined Radio

Schaumburg, IL, May 22, 2013 – Epiq Solutions, an engineering firm specializing in the development of flexible wireless communications systems, has announced the Matchstiq™ Z1, the latest addition to the company's small form factor software defined radio (SDR) product line. The Matchstiq Z1 combines a Xilinx® Zynq™ Z-7020 System-on-Chip running Linux with a flexible RF transceiver capable of tuning between 300 MHz and 3.8 GHz to provide a complete software defined radio solution. The entire platform measures only 2.2" x 4.6" x 0.9". With the addition of the Matchstiq Z1, customers now have an option to deploy more capable signal processing systems while maintaining the same footprint as the existing Matchstiq platform.

"The Zynq System-on-Chip is a natural fit for handheld SDR platforms, where size, weight, and power consumption must be balanced against application processing requirements", noted John Orlando, CEO at Epiq Solutions. "Our Matchstiq Z1 redefines what is possible with a small form factor SDR, and we're excited to be at the forefront of this increasing market space".

The Matchstiq Z1 utilizes the Atlas-I-Z7e™, a rugged system-on-a-module developed by iVeia. The Atlas-I-Z7e hosts the Zynq Z-7020 SoC running a Linux 3.6 kernel inside of Matchstiq. "Epiq Solutions continues to innovate in the field of software defined radio", noted Michael Fawcett, CTO of iVeia. "Our Zynq-based modules and hybrid computing framework are a great fit for the Matchstiq Z1 and we're thrilled that Epiq selected the Z7e as their solution".

When combined with the library of signal processing applications available from Epiq Solutions, or other signal processing frameworks such as GNU Radio or REDHAWK, Matchstiq enables countless capabilities including use as an agile point-to-point data modem, LTE survey tool, or portable spectrum analyzer. Development kits are also available for end users who want to create their own custom applications.

The Matchstiq Z1 starts shipping in June 2013. Pre-orders are currently being accepted. For more information, please visit http://www.epiqsolutions.com/matchstiq.

About Epiq Solutions

Epiq Solutions designs and builds state-of-the-art wireless systems for both commercial and government applications. These applications include the detection, classification, and location of radio emitters, as well as real-time processing and decoding of Layers 1, 2, and 3 for numerous wireless radio standards (including 2G/3G/4G cellular). For more information regarding Epiq Solutions' products and services, please visit http://www.epiqsolutions.com.

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