System on Module Is Presented as Industry’s Smallest Wireless Capabilities

Logic PD introduced what it asserts is the industry’s smallest System on Module (SOM) with wireless capabilities. Logic PD’s DM3730 Torpedo + Wireless SOM is said to enable customers to dramatically condense hardware space requirements and increase system performance. Based on the DaVinci DM3730 video processor and WiLinkTM 7.0 combo connectivity solution from Texas Instruments Incorporated (TI), this latest Torpedo SOM encapsulates complex design components on a dime-sized board and offers high performance and the lowest power consumption available today, according to the company. The DM3730 Torpedo + Wireless SOM powers Logic PD’s recently announced modular technology platform, Catalyst. This off-the-shelf solution is appropriate for use in wireless machine-to-machine (M2M) applications such as telehealth devices and remote industrial monitoring systems. Less than one square inch in size, the Torpedo + Wireless SOM provides PC-like speeds up to 1 GHz, long battery life and a WL1283 wireless chipset that includes 802.11a/b/g/n, Bluetooth with a Torpedo + Wireless SOM roadmap to support GPS.

Logic PD provides Android and Linux™ board support packages (BSPs) for use with the DM3730 Torpedo + Wireless SOM. These BSPs are designed, developed and tested using an ISO 13485 certified process to ensure quality and reduce risk. By maintaining connector compatibility with Logic PD’s existing Torpedo SOM product lines, the DM3730 Torpedo + Wireless SOM extends the longevity of existing products through performance improvements while sustaining scalability to future technologies.

Logic PD
855-461-3802, www.logicpd.com [1]

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http://www.ecnmag.com/products/2012/03/system-module-presented-industry%E2%80%99s-smallest-wireless-capabilities

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