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# 23x13x2.9mm geolocation module delivers 10cm accuracy

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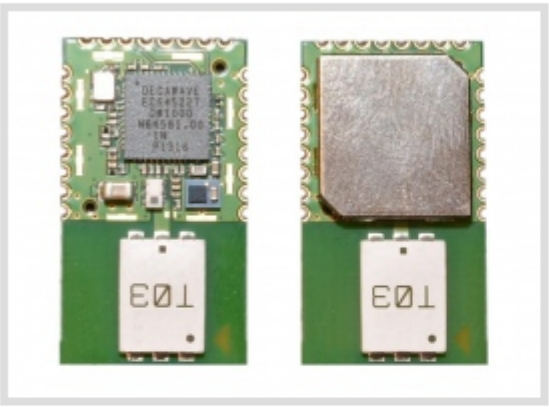

**Developed in partnership with LG Innotek and based on what DecaWave claims to be the industry's most precise indoor location and communication CMOS chip, the DWM1000 module makes indoor location and communications more accurate, cost-effective and power-efficient than ever before.**

Customers can now simply and quickly integrate the technology as a plug and play solution, reducing the cost of development and the risks associated with radio frequency (RF) design. The DWM1000 integrates everything necessary for RF design. The DW1000 chip, antenna, balun, crystal and passive components are all fitted on a 23x13x2.9mm 24-pin side-castellation package. The DWM1000 is an IEEE802.15.4-2011 UWB compliant wireless transceiver module. Based on DecaWave's DW1000 IC it allows the location of objects in real time location systems (RTLS) to a precision of 10 cm. It is capable of high data rate communications, up to 6.8 Mb/s, and it is also a perfect fit in wireless sensor network (WSN) applications. Communications range is up to 290m in line of sight and up to 35m in non-line of sight.
Visit DecaWave at www.decawave.com

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