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## Decawave tapes out scensor DW1000 chip

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DecaWave, ([www.decawave.com](http://www.decawave.com)) the fabless semiconductor company specialising in ultra wideband (UWB) technology for Real Time Location Systems (RTLS) and Wireless Sensor Networks (WSN), has completed tape out of MPW2 of its ground-breaking DW1000 chip, the first product of the ScenSor family. Sample silicon will be made available to DecaWave customers from

November 2011.

DW1000 key features include its capability to locate objects indoors to a precision of 10cm, and to communicate at data rates up to 6.8Mbps from a range of 450 meters (with line of sight) and 45 meters (non-line of sight), at very low power consumption (transmitter power consumption is approximately 7 times lower than narrowband 802.15.4 transceivers and receiver power consumption up to 3 times lower) at very competitive price. DW1000 conforms to the Institute of Electrical and Electronic Engineers IEEE802.15.4a standard.

*"We are delighted to announce the tape out of MPW2 on schedule", says Ciaran Connell, CEO DecaWave. "There is already very strong advance customer demand for this silicon, so samples will be made available to our customers as soon as possible so that they can continue their development work," he says. "This is a highly significant milestone for DecaWave - and we are very confident that MPW2 is the product the market is expecting."*

DecaWave is privately held, and based in Dublin Ireland, with offices in San Jose California, Toulouse France and South Korea.