decaWave newsletter

Sample silicon for DecaWave's groundbreaking chip ScenSor will be available on a first-come first-served basis from April 2010.

FIRST SAMPLE SILICON AVAILABILITY

Decawave will have first silicon back from our February tapeout in April 2010. A very limited number of these parts will be available for sale from June of 2010 at a price of €1,000 each. We will be accepting orders for these parts from 28th February 2010. If you would like to be one of the first in the world to gain access to this truly ground-breaking technology then all you have to do is to email gerry.ogrady@decawave.com

Because we have such a limited number of these parts they'll be sold on a first-come first-served basis.

Otherwise, progress has continued at a record pace in DecaWave since our last update. Our Engineering team is working extremely hard to tape-out our first chip, the DW1000, in mid Q1 2010. Our Sales and Marketing team continues to be inundated with enquiries from all over the globe and from a wide variety of application segments from Healthcare to Industrial Control and Automation to Consumer Electronics. People can immediately see the huge benefits of our Ultra Wideband technology; how it can deliver the location precision your Real Time Location System have been searching for; how it can reduce the power consumption of your wireless sensor network far below its current level and how it an almost entirely remove the issue of multipath fading.

Evaluation boards

Decawave has Evaluation Kits available now that demonstrate the capability of our unique IEEE802.15.4a UWB technology.

The kit includes boards based on FPGA and discrete RF circuitry, antennas and software that will allow you to configure a point-to-point radio link and see the outstanding ranging capabilities of the technology.

You can use the kit to develop software for the DW1000 because the interface to the boards in the kit is the same as the interface to the chip. We provide the kit under a license agreement and there is an associated one-time license fee of €10,000.

Let us know if you're interested and we can provide further details.

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News

DecaWave has just announced a major **module and sales agreement with LG Innotek**, (www.lginnotek.com) the Korean global electronics components company. See the full release here: - http://www.decawave.com/press_20091201.html

Decawave also **participated in a very successful trip to Israel** in early November as part of a joint business/political delegation from Ireland.

DecaWave met with a number of companies, including our RTLS partner **Aeroscout** (www.aeroscout.com).

DecaWave has just won a prestigious business award in Ireland. The Ulster Bank Business Achievers Awards takes place annually and awards prizes in a number of categories.

DecaWave was awarded the Regional Winner prize in the "One to Watch" category for Leinster. This category is for innovative businesses which have the capacity to expand rapidly in the future. The judges were looking at a combination of what our business has achieved to date and the plans we have to expand, grow and develop in the future.

Seen here from left to right at the presentation of the award are Mr Mark Golden Manager, South Dublin Business Centre, Ulster Bank (Ireland) Limited; Mr Michael McLaughlin, CTO DecaWave Ltd.; Mr Ken Murnaghan, Regional Director, Business Banking Ireland, East Region, Ulster Bank (Ireland) Limited and Mr James Carroll, Group Managing Director InvestorFirst

DecaWave recently attended the IEEE 802 Plenary Session - November 15-20, 2009 in Atlanta, Georgia, USA.

This group's full title is "IEEE 802.15 WPAN™ Task Group 4f (TG4f) Active RFID Systems". This group is considering the MAC and PHY layer changes necessary to 802.15.4 to support Active RFID devices, including those RFID devices with (RTLS) location support. In this area DecaWave's 802.15.4a UWB techniques will offer enhanced operational range and location precision.

DecaWave hosted the 10th meeting of ISO/IEC/JTC 1/SC 31/WG 5 in Dublin on 15th and 16th October 2009.

Just to explain that a little: -
ISO/IEC/JTC 1: To deal with the consequences of substantial overlap in areas of standardization and work related to information technology, ISO and IEC formed a Joint Technical Committee known as the ISO/IEC JTC1, the first (and only) joint committee.

SC 31: This is Subcommittee 31 of ISO/IEC/JTC 1. It is charged with standardisation in the area of "Automatic identification and data capture techniques", e.g. RFID

WG 5: This Working Group 5 within ISO/IEC/JTC 1/SC 31. This working group has the title "Real Time Locating Systems", e.g. RFID with RTLS.

A New work item Proposal (NP) was announced at this meeting. This relates to making a UWB part to the ISO 24730 family of RTLS standards. We expect DecaWave's 802.15.4a UWB techniques to figure here also.