



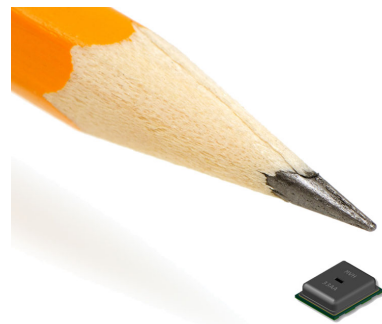
The infinite possibilities of the infinitely small™

PRESS RELEASE

MEMS Vision announces its next generation MVH3000D product line of very high performance miniature digital humidity & temperature sensing chips.

A product line carefully designed to fulfill the needs of a wide range of applications and markets.

May 17, 2013: MEMS Vision, a leading supplier of cutting-edge MEMS-based solutions to the global sensing market, introduces its most advanced [MVH3000D Series of digital relative humidity \(RH\) and temperature \(T\) sensing chips](#).



A unique combination of features, programmability, and high performance specs, ensures the most competitive value in the industry:

- **Highest accuracy chips** - an impressive ± 1.5 %RH accuracy (model MVH3001D)
- **Unmatched robustness, reliability, and durability** - achieved through the proprietary use of silicon carbide (SiC) to build and protect the miniature sensors
- **Highest electromagnetic interference protection** - the only chips in this class of sensors featuring grounded metallic shields
- **Highest level of programmability in the industry** - in addition to the wide range of allowable supply voltages (1.8 V - 5.5 V), the resolutions of the RH&T readings can be set independently from 8 to 14 bits, for a total of 16 different combinations
- **Fast RH response time** - 6 seconds typical for humidity measurements
- **Extremely low power consumption** - 2 μ W average power for one RH+T measurement per second in the lowest power mode (1.8V, 8-bit resolution)
- **Very high temperature accuracy** - a temperature accuracy of ± 0.2 °C is guaranteed, over the wide range from -10 °C to 80 °C (models MVH3001D and MVH3002D)
- **Ultra-thin and very small form factor** - 2.4 x 3 x 0.8 mm.

The MVH3000D Series features four products, offering a comprehensive choice of RH accuracies, from $\pm 1.5\%$ RH to $\pm 3.8\%$ RH, and of temperature accuracies, from $\pm 0.2\text{ }^{\circ}\text{C}$ to $\pm 0.3\text{ }^{\circ}\text{C}$.

The versatility and quality of this new product line positions MEMS Vision as an industry leader in RH&T sensing, and makes them the ideal partner for a wide range of applications and markets, such as consumer electronics, health & fitness, industrial, building automation, appliances, and wireless sensing (the internet of things).

Lead international customers are currently sampling these new products, and an [evaluation kit](#) is now available to experience and assess the full capabilities of these sensors, along with a set of reference designs. The kit can be ordered online from the website of the company ([click here to order](#)).

MEMS Vision will showcase the MVH3000D Series at the [2013 Sensors Expo](#) in Rosemont, Illinois, on June 4-6, 2013.

More information can be found at www.mems-vision.com

ABOUT MEMS VISION

MEMS Vision is a leading semiconductor, sensors, and MEMS company that provides cutting-edge miniaturization solutions to the sensing and high performance electronics markets. The company capitalizes on a team of highly qualified personnel, on a solid and broad portfolio of patents and intellectual property on MEMS and ASICs, and on its revolutionary [MoSiC™](#) platform technology, to offer a range of environmental sensing products and advanced MEMS-based solutions.

Contact: www.mems-vision.com/contact-us