

ams acquires CCMOSS to become world leader in gas and infrared sensing

Completing ams' sensor portfolio, transaction creates technology leader in CMOS-based gas sensing and infrared sensing for automotive, industrial, medical, and consumer applications

Premstaetten, Austria (16 June 2016) - ams (SIX: AMS), a leading worldwide manufacturer of high performance sensor and analog solutions, has signed an agreement to acquire 100% of the shares in Cambridge CMOS Sensors Ltd (CCMOSS), the technology leader in micro hotplate structures for gas sensing and infrared applications, in an all-cash transaction.

CCMOSS' micro hotplates are MEMS structures that are used in gas sensors for volume applications in the automotive, industrial, medical, and consumer markets. The company's deep expertise in this area is highly synergetic with ams' technology leadership in MOX gas sensing materials to detect gases like CO, NOx, and VOCs. CCMOSS' manufactures these MEMS structures on CMOS wafers allowing the creation of complete monolithically integrated CMOS sensor ICs. This makes CCMOSS' solutions highly cost-efficient, besides offering other significant advantages over competing technologies like low power consumption, small footprint and the ability to integrate additional sensor modalities like relative humidity, temperature, and pressure.

In addition, CCMOSS commands an industry-leading portfolio of IR technology comprising high performance IR radiation sources and detectors for sensor applications. Highly complementary to ams' spectral sensing strategy for next generation optical sensor technologies, CCMOSS' IR sensing is based on the same monolithic CMOS structures as for gas sensing, enabling miniaturized implementations and efficient integration with other on-chip functions. Applications include CO₂ gas sensing and human presence detection and will extend into spectroscopic identification of organic materials.

Founded in 2008 as a spin-off from Cambridge University, with the start of technology development dating back to 1994 in collaboration with the University of Warwick, CCMOSS has built an outstanding expertise in micro hotplate design and manufacturing for gas and infrared sensing over more than 20 years. CCMOSS' corporate headquarters are located in Cambridge, UK, and the company has 33 employees. The Cambridge region has become a center of innovation for sensor technologies globally so ams values the ability to gain direct access to this attractive ecosystem going forward. CCMOSS currently has product revenues on a small scale but is not yet profitable.



The parties to the transaction, which is expected to close within a week given that no regulatory approvals are needed, have agreed to keep the consideration confidential. ams plans to fully integrate CCMOSS' activities into its existing environmental sensor business, which has development locations in Eindhoven, the Netherlands, and Reutlingen, Germany.

Alexander Everke, CEO of ams, commented on the transaction, "The addition of CCMOSS makes ams the clear leader in gas and infrared sensor technology worldwide, and completes ams' portfolio of products and technologies for the environmental sensor market. This highly strategic acquisition is therefore another key step in making ams the world's leading provider of sensor solutions for consumer, automotive, industrial, and medical applications."

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about ams

ams is a global leader in the design and manufacture of advanced sensor solutions and analog ICs. Our mission is to shape the world with sensor solutions by providing a seamless interface between humans and technology.

ams' high-performance analog products drive applications requiring extreme precision, dynamic range, sensitivity, and ultra-low power consumption. Products include sensors, sensor interfaces, power management, and wireless ICs for consumer, communications, industrial, medical, and automotive markets.

With headquarters in Austria, ams employs over 2,100 people globally and serves more than 8,000 customers worldwide. ams is listed on the SIX Swiss stock exchange (ticker symbol: AMS). More information about ams can be found at www.ams.com

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