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AmberWave Acquires IC Materials Integrator Aonex

By George Leopold

Semiconductor materials specialist AmberWave Systems said Tuesday (May 6) it has acquired Caltech spinout Aonex Technologies Inc.

Terms of the deal were not disclosed.

AmberWave (Salem, N.H.), itself a spinout from the Massachusetts Institute of Technology, said the deal gives it access to semiconductor materials-integration technology developed at the California Institute for Technology (Pasadena). Aonex was co-founded in 2004 by Arrowhead Research Corp. and Caltech professor Harry Atwater.

Atwater pioneered research into materials integration and applications used in laminate composite semiconductors. Pasadena-based Aonex also is developing solar energy materials and advanced laser products.

AmberWave CEO Richie Faubert said in a statement that "a continuing relationship with professor Atwater will yield significant gains for us in building a position in solar energy materials."

AmberWave specializes in integrating dissimilar semiconductor materials.