

Industry News (click title to view original source.)

[ON Semiconductor Expands for Military and Aerospace](#)

ON Semiconductor has introduced a series of small signal transistors that are fully qualified in accordance with standards for discrete semiconductors broadly used in military and aerospace equipment.

Not only will these products deliver high reliability in extreme operating conditions, they will also be supported for product lifecycles that match the long-term supply requirements of military and aerospace applications.

[GlobalFoundries Gets Ready for 300mm Wafers](#)

For the past year, GlobalFoundries has been constructing brand-new clean rooms in its New York and Dresden facilities to support 300mm wafers. Once the equipment is in place, the facilities will be able to support the manufacturing of semiconductors on 300mm wafer sizes.

[8 New Semiconductor Equipment Products from Applied](#)

In the past few weeks, Applied Materials has introduced eight semiconductor manufacturing products. These products will help manufacture some of the most critical and challenging structures in new chip designs, and will enable chipmakers to address the inflections in new materials and architectures that will usher in a new era of high performance connected mobile devices.

[Samsung Takes Blow from Apple](#)

Samsung's soured relationship with Apple received another blow as a new report suggests that the Cupertino-based company will not source its upcoming A6 SoC from its Korean supplier, and instead give its business to TSMC.

[LG Electronics and GCT Semiconductor form Partnership](#)

Together, GCT Semiconductor and LG Electronics developed a highly integrated monolithic LTE single-chip that will enable LG's new smartphone, which is said to be "the most cutting-edge smartphone ... available ..."

[Semiconductor Worries Fester After Warnings](#)

Applied Materials said tough economic conditions are hurting demand, adding to semiconductor worries after warnings by Novellus Systems and Microchip Technology. The negative news has pushed shares of chip companies broadly lower.

[TSMC Takes Lead on Water Conservation](#)

Home to over 400 technology firms, Hsinchu houses the world's two largest semiconductor foundries, Taiwan Semiconductor Manufacturing Co. and United Microelectronics Corporation. Impact from the drought has encourage both companies to take the lead to improve water efficiency within Hsinchu.

[Software Measures Vibrations of Wafer Transfers](#)

With vibration tied to semiconductor process equipment failure, low yields and cycle times, CyberOptics' AVS 2.0 vibration monitoring software provides engineers with the data needed to predict equipment failures related to vibration during semiconductor fabrication to improve process yield and cycle times.

[Hynix Semiconductor & Toshiba Corp. Collaborate on MRAM](#)

Hynix Semiconductor Inc. and Toshiba Corporation will strategically collaborate in order to develop Spin-Transfer Torque Magnetoresistance Random Access Memory (MRAM), a fast emerging next generation non-volatile memory device, as a replacement for flash memory.

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Resource Engineer – Etch

Long-Term, Newport Beach, CA, Job #1933

Resource Engineer – CVD

Long term, Wilmington, MA , Job #2026

Resource Engineer – Implant

Long term, Wilmington, MA, Job #2025

Resource Engineer – RTP

1+ month, various locations, Job #1928

Resource Engineer – HDP

2 +/- months, various locations, Job #1934

Resource Engineer – Producer CVD

2 weeks, travel, Job #1929

[All Openings>>](#) [Job Seeker Services>>](#)

ChaNGes (click title to view original.)

[Xilinx Closes R&D Center](#)

Xilinx Inc. has closed its research and development operation in Journal Center after more than a decade, eliminating most of the 50 jobs there. The center will cease its engineering activity, but its aerospace and defense marketing group will remain.

[ASML Sees Slowdown for Industry](#)

ASML Holding says its customers are holding back on new orders as sales of computers and mobile phones slow, joining a list of technology firms warning over weak consumer demand. ASML still expects 2011 sales to top \$7.1 billion.

[Maxim Buys SensorDynamics for \\$130M](#)

SensorDynamics has been acquired by Maxim Integrated Products for \$130 million plus the assumption of \$34 million in debt. The Graz, Austria-based company specializes in microelectromechanical systems and wireless semiconductor products, while Sunnyvale-based Maxim makes analog and mixed-signal semiconductor products.



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New CoNstruction

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[Hydrogen Plant to Come to Clarksville](#)

A hydrogen-supply company, Praxair Inc., has announced plans to build and operate a hydrogen generating plant in Clarksville to supply the Hemlock Semiconductor facility when it opens in 2012. Praxair is the largest industrial gases company in North and South America, and one of the largest worldwide.

[3M Expands Minnesota Cleanroom](#)

3M, the world's leading supplier of chemical mechanical planarization (CMP) Pad Conditioners and Fixed Abrasives for semiconductors, announced the completion of a major expansion of 3M's development laboratory and cleanroom located at its headquarters in Saint Paul, MN. The expansion includes a 300mm CMP tool and defect metrology for product and application development. This makes 3M the only pad conditioner supplier to have in-house capabilities for 300mm wafer testing and wafer defect inspection.

"N" Quotes

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- JM, Texas

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- WS, Texas

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Job Seeker Insight

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[Six Style Tips for Interview Success](#)

In a tight job market, what you wear to an interview could be the difference between getting an offer and getting rejected. Here are six style tips to ensure your look is a career asset, not a liability.

[Google+ for Job Seekers](#)

Google+ is going to be important for career networking and for job searching. One reason is that it's so easy to connect and to separate professional and personal. All you need to do is keep your professional contacts in different circles than your friends and family. Here is more information on Google+ features.

[Tips to Get Past Job Search Rejection](#)

Dealing with the challenges of a job search is never easy, but dealing with rejection doesn't have to tank your morale. It is important to vent and express your anger in an effective way. Exercise, cry, take a bath or shower, listen to music, write, or talk with a friend or partner to express your anger and understand it. Here are effective ways to deal with job search rejection.

Referral CoNtest WiNners June 2011

Larry P. Son D. Jared Z.
Matt P. Seth T.

Congrats, and Thank You!

Refer someone, and be entered into the monthly drawing for a \$50 gift card of your choice!

[Refer someone now to be entered>>](#)

Other News of Nterest

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[Google+ to 10+ Million Users in 2 Weeks](#)



Google+ has grown to more than 10 million users in the two weeks it has been operating in an invitation-only test phase. This is about 740 million fewer users than Facebook Inc. , but CEO Larry Page called the early sign-ups "great" in a conference call with analysts.

[Amazon Plans iPad Rival by October](#)

Amazon.com Inc. reportedly plans to dive into the tablet computer race currently dominated by Apple Inc.'s iPad. Amazon's tablet will use Google Inc.'s Android operation system and will have a nine-inch screen, but no camera.

[Military Cyber Plan Follows Hacking Attacks](#)

The U.S. Department of Defense has unveiled a new cyber strategy on the heels of an announcement that foreign hackers stole 24,000 U.S. military files in a single attack on a defense contractor in March. Officials say the new directive is the first unified strategy for cyberspace, which encompasses the department's military, intelligence and business operations. The strategy includes five initiatives.

[Texas Says "No" to Efficient Light Bulbs](#)

Texas has become the first state to refuse a federal law that would require replacing old-fashioned light bulbs with more efficient lamps. The 2007 federal energy legislation would have started phasing out the 100 watt bulbs January 1, 2012.

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