

The Circuit

The Official ON Semiconductor Employee Newspaper

FOR INTERNAL USE ONLY

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Meet the Employees of the Year

Employees Recognized for Extra Effort in 2009

Faced with an economic and industry downturn, ON Semiconductor employees worked even harder to overcome challenges throughout the year.

There were some instances when employees went the extra mile to make a positive difference for the company, their co-workers and our customers.

Although everyone makes a contribution to the company, the 2009 Employees of the Year winners and nominees stood out amongst their peers.

To read about this year's winners, please go to page 4.



Call for Papers for LEDs 2010 Conference

The LEDs 2010 conference is currently accepting abstracts for papers that focus on technology and have a problem-solving approach.

The abstract should be about 200 - 300 words and the format should include title, subtitle, name of presenter, company affiliation and contact information, and abstract of presentation. Presentations should include commercial and market data, but anything too 'sales-y' will not be accepted.

The deadline for abstract submissions is April 30, 2010. If you have an abstract you'd like to submit to this conference, please contact your MarCom contact.



The Circuit is brought to you by:

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FastForward

Team Completes Global Design, Ready for Next Steps

In early March, we completed the Global Design phase of the Fast Forward program which included the following objectives and deliverables:

- Future operating model defined for all business processes in scope for the program
- Final global designs were vetted in the cross-functional challenge sessions
- Overall program implementation scope and timing defined and verified by all teams

The Global Design phase also succeeded in leveraging standard Oracle features to meet nearly all of ON Semiconductor's functional requirements for Inventory, Order, Warehouse and Product Data management, enabling us minimize customizations and simplify integration of future acquisitions.

Project Timing and Scope

The Fast Forward program represents a major overhaul of the ON Semiconductor process and system environment that involves implementing industry best practices on standard applications including Oracle Enterprise Business Suite (EBS) and Agile. The program is expected to span a 3-year time period with the foundation release being the first release in the multi-phased approach for the program. The Foundation Release begins the week of March 29 with a targeted go live date of Feb. 28, 2011. This release includes:

- Re-implementation of existing Oracle EBS to the upgraded Oracle R12 application version (including the following functions: Finance, HR, Purchasing, General Stores, GTS, eAM, and Receiving)
- Implementation of Product Data Management solution to Agile and integration to Oracle EBS

The next phased release of the program will be the Inventory Management Release (IM). The forecasted timing of this release begins November 2010 with a targeted go live August 2011. The scope of the IM release includes:

- Inventory Management
- Inventory Costing

The final release of the program will be the Order to Cash (O2C) Release. The forecasted timing of this release begins May 2011 with a targeted go live March 2012. The scope of the O2C release includes:

- Order Management
- Accounts Receivable
- Warehouse/Transportation Management

We will continue to provide regular updates on The Connection, the company intranet, and in The Circuit, the employee newsletter, throughout the life cycle of Fast Forward. We will also send targeted communications to affected groups when appropriate.

Remember, an initiative of this scale takes time, patience and commitment as we develop and implement solutions. The end result will be a company that is more mobile, efficient and prepared for future opportunities. Thank you for giving the program your full support.

Debbie Brogan – vice president, IT Integration Programs
Jeff McKibben - senior director, Business Applications IT

Employee Appraisals

- By the end of Monday, April 5, U.S., employees will be given the ability to go online in Oracle, click on XXON Employee Self Service > Appraisals, view your appraisal, and (in most cases) provide feedback on your appraisal by clicking the pencil icon.

If you receive an e-mail notification that your appraisal has been approved, then either:

- Click on "Continue Action" link to start the process of viewing your appraisal and providing feedback, or
- Login into Oracle, click on XXON Employee Self Service > Appraisals, then click on the pencil icon for your appraisal to provide feedback.

If you do not receive a notification that your appraisal has been approved, and if you have not read and signed a copy of your appraisal, contact your manager or your local HR representative. Questions? Contact your local HR representative.

Energy Efficiency A Key Theme for ON Semiconductor at APEC



Ready to help: From l-r: Jason Hansen, Bernie Weir, Christophe Basso, Alan Finkel, Nicolas Cyr

During the Applied Power Electronics Conference (APEC) in Palm Springs, CA, Feb. 21-25, ON Semiconductor demonstrated energy efficient computing, LCD TV, and LED lighting power supplies. The exhibit showcased the company's design expertise and a wide variety of its products – including power factor controllers, ac-dc controllers and regulators, dc-dc controllers and regulators, rectifiers, references, MOSFETs and rectifiers.

The computing demonstration showcased an All-in-One Desktop PC, which featured NCP1605, NCP1397, NCP4303 and NCS1002. This demo met the 80 PLUS® energy efficiency standard and highlighted how this PC used only 70 percent as much power as the standard desktop model.

NCP1631, MUR550APF, MBR360, TLV431, MBRF20L80CTG, and NDF08N50Z, with another reference design, featuring the upcoming CAT4026 for the LED backlight in addition to the MUR420, MJD340/MJF47G. The design met the 8 mm overall height requirement, enabling it to fit in the thin outline of the TV.

The 46-inch LED backlit LCD TV demonstration showcased a reference design for an integrated power and inverter supply featuring the NCP1053A, NCP1379,

One of the LED lighting demonstration compared an existing compact fluorescent lamp with one modified to use an ON Semiconductor-designed power supply to drive an LED. Configured as a kitchen-type can light, the modified lamp demonstrated a significant energy reduction versus the fluorescent, while producing more illumination. This GreenPoint® reference design was press released during APEC.

ON Semiconductor also presented at the conference. Christophe Basso presented a seminar on 'Designing Compensators for the Control of Switching Power Supplies'; Scott Carson presented on 'Power Management Techniques in Portable Medical Applications' and Chance Dunlap presented, "Advancing Efficiency in AC-DC Power Supplies."

The 46-inch LED backlit LCD TV demonstration showcased a reference design for an integrated power and inverter supply featuring the NCP1053A, NCP1379, NCP1631, MUR550APF, MBR360, TLV431, MBRF20L80CTG, and NDF08N50Z, with another reference design, featuring the upcoming CAT4026 for the LED backlight in addition to the MUR420, MJD340/MJF47G. The design met the 8 mm overall height requirement, enabling it to fit in the thin outline of the TV.



On Guard: (from l-r_ Stefan Gueorguiev, Richard Haas, Vidya Premkumar, Not shown: Bernie Weir, Steve Sheard.

Solutions Are A Hit In California

In February 2010, employees were on hand to showcase the innovative LuxGuard family of turnkey solutions for ESD (electrostatic discharge) protection and thermal management for high power, high brightness LED (light emitting diode) lighting applications at the Strategies in Light Conference and Exhibition 2010 at the Santa Clara Convention Center in Santa Clara, California, USA.

Meet the 2009 Employees of the Year

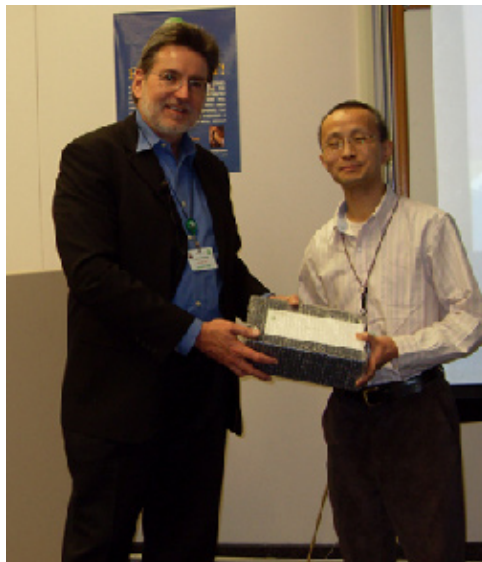


From l-r: George Smarandoiu, Dev Nair, Ovidiu Tol and Gelu Voicu

Ovidiu Tol **Product Engineer** **Santa Clara**

Ovidiu did a terrific job in qualifying Gresham silicon for CAT24C02 on the new ONC035EE and release to market product on schedule.

He contributed design for testability inputs in the early design review phases and was instrumental in the debugging effort for ONC35EE products.



Keenan Evans with Lieyi Sheng (r)

Lieyi Sheng **Reliability Engineer** **Pocatello**

Lieyi has taken extraordinary measures to provide feedback data and analysis for experiments resulting in products releasing to platform on time. His analysis on the Fab 9 closure A9 technology allowed the platform to finally achieve the performance goals.

Lieyi's efforts have helped keep tools running at maximum utilization levels and minimum cycle time.

Scott Brow **Product Engineer** **Phoenix**

Scott is known for his unbridled energy and enthusiasm for solving customer problems, while reducing cost and scrap.

In 2009, Scott's team reduced scrap by 42 percent in 2009 versus 2008, saving \$2 million on the P & L.

He worked directly with Delta, Samsung and Hipro/Chichony Group, preserving revenue with all three customers valued at \$30 million in 2009 for his department and close to \$100 million for the company overall.



Keith Jackson with Scott Brow (r)

Jennifer Urbina
Section Head
Philippines

Jenny co-lead the delinquency reduction and revenue fulfillment efforts in Calamba. She led the design and implementation of Fusion 1B for Production Control Planning and Incoming.

Last year, Jenny was also responsible for driving the resolution of issues related to the AMIS integration cut-over with IT, RDC and the rest of the team. Instituted manual process to ensure continuity of production and shipments despite the technical issues. This helped minimize the impact to customers.



Keith Jackson with Jarvis Carter (r)

Jarvis Carter
Principal Engineer
Phoenix

Jarvis led the project team to develop and introduce the industry-best Current SenseFET product for Apple which has sold approximately 4.8 million units for \$1.6 million in revenue during its first year of introduction. This was the highest revenue generating new product released in 2009 for PowerFET. Apple has also designed this ON Semiconductor sole-source solution into other new platforms.

Jarvis is also the co-inventor on the patent filed for the Current SenseFET.



CN Chen (middle) with David Chow (left) and Alvin Chang (right)

CN Chen
Notebook FAE
Taipei

CN Chen has been pivotal in the company's Notebook breakthrough, taking our Notebook penetrations from 12% to 38%. This led to a \$20 million incremental gain in PQ - a CCPG business unit.

Ivan Koudar
Design Engineer
Czech Republic

After inventing a new concept for ultrasonic sensors used by Panasonic and Valeo in 2008 and early 2009, Ivan set his sight on exploring the feasibility limits of those same sensors.

Based on Ivan's research into ultrasonic sensors, we have the potential for the basis of a new series of safety applications using our ASICS or derivatives in blind spot detection, collision detection or avoidance and pedestrian detection.

As a direct result of Ivan's work, ON Semiconductor is now a first source supplier. The company was also awarded with an additional Valeo project. The company has asked for ultrasonic sensor work to be shared with BMW and Audi.

Wyler Montoya
Section Head
Philippines

Wyler was a key player for new product wins and meeting time to money. His actions helped generate:

- 6% overall electrical yield increase resulting in \$1.27 million savings
- 17% savings for first half 2009 and 26% for second half 2009
- Project leader for Carsem to Seremban transfer for MSOP devices
- Qualified Seremban for several parts and devices

Wyler also supported and managed the release of the 25 and three devices for PQ and P2 respectively at a 100% hit rate on RTP and RTM.

Rena Liu
Planning
Shenzhen

Rena put her planning team in a position to be successful, managing critical issues across the business units and more than 1,500 line downs at the same time, helping minimize the impact to our business.

Faridatul Akmar Jamaludin
Planning
Malaysia

Faridatul's exceptional customer service in handling customer line down issues saved the company from penalty claims. At times she scheduled wafer by wafer into die sales with full compliance to scheduling and inventory procedures.

Her efforts also led to a consistent OTD (lagging lot) in MYD >99%.

Congratulations to all of the 2009 Employee of the Year nominees. Your extra effort made a difference for all employees.

Heng Chen Lee	Jean-Paul Eggermont	Kelvin Tsiang	Kim Eskes
Marian Kuruc	Tony Colpaert	Jindrich Frnka	Vladimir Potesil
J. Masopust	F. Kudrna	Pam Amorin	Richard Opletal
Rick Pomeranke	Scott Andrew	Shong Laey Yap	Soon Wei Wang
Tze-Yaw Ong			



Employee of the Year winners will receive a 7-day cruise through the Western Mediterranean on Norwegian Cruise Line later this summer.

Bon Voyage!

OSPI Earns Seal of Approval



Noel Pabilona, Facilities, Ma. Gina Picardal, security and Rose Espiritu, engineer, receive the award from DENR Secretary Lito Atienza (far left).

Last December, ON Semiconductor Philippines (OSPI) was one of eight companies nationwide to be granted an inaugural Seal of Approval by the Department of Environment and Natural Resources (DENR).

This award is part of Philippine Environment Partnership Program (PEPP). PEPP is a partnership program with industries, which aims to support industry self regulation towards improved environmental performance.

In order to qualify for a PEPP Seal of Approval, a company must have no case filed with the Pollution Adjudication Board for minimum of three years; be in full compliance with all applicable environmental laws at the time of selection and should have a proven track record of superior environmental performance through continuous improvement projects.

The DENR Seal of Approval Award is another addition to OSPI's list of recent EHS awards and citations from regulatory entities as follows:

- Safety Milestone Award from Department of Labor and Employment (DOLE) given Nov. 2009
- Blue Rating Award from Laguna Lake Development Authority(LLDA) given Oct. 2008
- Safety Milestone Award from DOLE given Sept. 2008

The DENR Seal of Approval Award is a proof of OSPI's commitment and enduring effort to meet Corporate and Government expectations and requirements by maintaining a balance between economy and ecology.

Watch, Listen and Learn - Company Videos Available

ON Semiconductor is making a global impact by providing energy efficient solutions for greener electronics. By supporting a greener world reducing our carbon footprint, actively conserving resources and effectively partnering with like-minded customers and industry organizations ON Semiconductor is becoming an industry leader.



Search ON Semiconductor at www.youtube.com for additional company videos.

Watch the latest company video

<http://www.onsemi.com/PowerSolutions/supportVideo.do?docId=28&locale=en-us&docName=>

Delta Team Helps Company Earn MVP Award



In Feb., ON Semiconductor received the 2009 Most Valued Partner Award from Delta Electronics, the world's largest provider of switching power supplies and DC brushless fans.

This is the first time that Delta has presented the Most Valued Partner Award to a semiconductor supplier in the last decade. The coveted award was presented by Mr. Kelvin Huang, assistant general manager of Delta Central Procurement Centre, at our new Taiwan Sales Office opening ceremony on Feb. 3. The award honors our reaching the highest scores among Delta's power suppliers in technology, quality, responsiveness, delivery and cost. This reaffirms our commitment and position as a market leader in providing quality power solutions.

Congratulations to all functions worldwide including the following Delta linked team for their outstanding job in winning this prestigious award.

Linked Team

Sales – Ron Lay, Grace Yu and Kevin Cheng

FAE – WH Lee, Joey Chen and Mark Shan

BU – Kelvin Tsiang and Stanley Lam

Customer Marketing – Eric Fung

GSM – Didi Zhang

CSR – Lili Tian and Frances He

Quality – MY Tang

Executive Sponsor – Bill Schromm



Community Service Group Reaches Out To Children in TTJ



On March 8, our ONCares team, an ON Semiconductor voluntary committee for Community Services, and ON Semiconductor leaders were welcomed by warm smiles of the children of Pusat Jagaan Anak-anak Istimewa Harapan. The center is located in the community of Taman Tuanku Jaafar.

This is our second visit to this center. Armed with toys, coloring pens and books, goodies bags, cookies, milk and a Kentucky Fried Chicken take-

out high tea treat for the children. The children were expecting us and the few hours were happily spent coloring, singing, playing kompang, taking pictures and celebrated one of the children's birthday.

Our general manager, CS Tan, presented a cash donation to Dato' Azizan the children's guardian and Ian Elder gave each child a bag of goodies.



On March 26, Christophe Basso (middle) and other ON Semiconductor employees took part in the festivities to open our new building in Toulouse, France.

Giving For A Cause - EG Employees Donate to Help Others

Employee Activity Committee members at East Greenwich Development Center served up a full breakfast on March 4 in their efforts to collect donations for the American Red Cross. Employees enjoyed their choice of scrambled eggs, French toast, sausage and other food.

In response, employees generously donated \$475 and the EAC allocated \$100 for a grand total of \$575 being sent to the American Red Cross. This is the first of three such charity events the EG EAC holds each year.



EAC members Sue White-Gilleeney and John Desrochers help cook for their co-workers in an effort to help raise funds for the American Red Cross.



Demonstrations and Robot Battles Keep Kids, Adults Entertained

ON semiconductor Aizu factory participated in the Industrial Festival 2010 in Kitakata City (Aizu), Feb. 13-14. During the two-day festival period, there were more than 10,000 visitors.

In our booth, we demonstrated our products (power devices, analog devices) and shared company information. We also shared our quality and environment policies which were well-received by visitors.

A lot of children enjoyed the battle between handcrafted robots built by our employees as part of our activities.