



Strong Foundation for Growth in 2012

By Ramesh Ramchandani, President

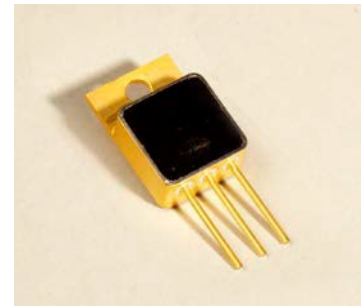
Happy New Year to all of our customers, employees, and partners. The year 2012 is shaping up to be a very promising year. The foundation we established in the last quarter of 2011 will help support our growth plan. This includes improvements in manufacturing and quality control, which will help yield an increase in the number of QPL products further driving revenue growth.

Quality Improvements Support Growing Portfolio

To provide leading edge, high reliability devices for military and aerospace applications one must maintain the highest of standards in manufacturing and quality control. This has been especially true for SEMICOA. Remember our slogan is "Trusted Everywhere." Our products operate in some of the toughest environments from land and sea to space. SEMICOA is a QML-certified facility for the manufacture of bipolar transistors for JANS level applications. Today, I am pleased to announce that we have added QML-certification for the manufacture of JANTX and JANTXV power MOSFETs. We are targeting JANS level certification in second half 2012. Operational excellence at every step of the manufacturing process from front-end wafer processing to final test and assembly remains our primary focus. It is why customers continue to support SEMICOA.

New Products

New product development efforts will see the first new JANTX, JANTXV and JANS qualified MOSFETs on the market in Q1 2012. As you will read later in the Current, we now offer a comprehensive range of power MOSFETs for a wide range of military applications, as well as radiation hardened space grade products, all of which are launching as we go to print. Besides our MOSFET market entry, several new bipolar transistors are also slated for introduction in 2012. Click [HERE](#) to view our full MOSFET listing.



Our foundation is in place. We expect great things for the future. Happy New Year and best wishes for a very successful 2012.

Ramesh Ramchandani
President, SEMICOA Corporation

SEMICOA Adds NOVUS Group in the Southeast and Intermountain Technical Sales in the Rocky Mountains North

SEMICOA continues to strengthen its sales, marketing and support network, adding two new manufacturer representatives to its growing worldwide sales organization. SEMICOA has signed on NOVUS Group to represent the company in the Southeast region. It has also added Intermountain Technical Sales to represent SEMICOA in the Rockies, including Colorado, Minnesota and the Dakotas.



NOVUS and Intermountain have a 30+ year proven track record in the semiconductor and electronics arena. "We are pleased to welcome Novus and Intermountain to the SEMICOA sales team," noted Ramesh Ramchandani, President, SEMICOA. "Both firms bring an impressive military and aerospace capability backed by a strong local presence that will help support the expansion of the SEMICOA brand in these territories."

Contact Details are as follows:

The Novus Group

401 Holmes Avenue Suite D
Huntsville, AL 35801

201 E. Wait Street Suite 205
Wake Forest, NC 27587
Phone: (256) 534-0044
Fax: (256) 534- 0186
Email: sales@novusgroup.com
www.novusgroup.com

Intermountain Technical Sales

12401 S. 450 E.
Draper, UT 84020
Phone: (801) 572-4010
Fax: (801) 572-8180
Email: dick.hintze@imtsales.com

DTC Parkway, S-1050
Greenwood Village, CO 80111
Phone: 303-741-0900
Fax: 303-741-0889
Email: mike.michels@imtsales.com
www.imtsales.com

SEMICOA Announces New High Reliability Power MOSFETs for Military and Aerospace Markets

SEMICOA Corporation, a leading supplier of discrete semiconductors for high-reliability military, aerospace and commercial markets today unveiled its first wave of high performance power MOSFET products targeting military and aerospace applications. The launch of SEMICOA's first MOSFET product families marks a new period of growth for the company long renowned for providing leading edge, high reliability, radiation hardened bipolar transistors to the military and aerospace communities.

SEMICOA's new MOSFET products cover a broad range of JAN, JANTX, JANTXV and JANS level applications. Leveraging its proprietary architecture from both N-Channel and P-Channel topologies, SEMICOA's new MOSFETs address performance and supply constraints commonly experienced by defense and aerospace customers. In addition, where radiation is a requirement, SEMICOA's new radiation hardened MOSFETs provide a proven, alternative source for customers.

"The launch of our new MOSFET product families leverages our technology leadership in delivering high-performance, high reliability products to the military and aerospace customers we have served for more than 40 years," stated Ramesh Ramchandani, President. "The new products reinforce our capability to provide radiation hardened solutions to the military and aerospace arena, while growing a winning product roadmap beyond space level applications to include JANTX, JANTXV as well as targeted commercial markets. It is a natural expansion of technology portfolio, which will help to drive the growth of the company."



the Current

SEMICOA'S CUSTOMER NEWSLETTER

Initial radiation hardened MOSFETs for both space level and military applications offer voltages ranges from 30 to 500 volts, meeting and exceeding 100K rad levels. SEMICOA also offers non-radiation hardened versions of MOSFETs within the same voltage ranges.

To support a rapidly expanding bipolar and power MOSFET product portfolio, SEMICOA has quickly expanded its global sales and support network. In the past three months it has added ten new manufacturer representatives throughout the United States. It has also added new distributor partnerships in Europe and the USA. The company is committed to further expansion of its sales and marketing channels to drive proliferation of new products to the market in 2012.

Key Features, Packaging & Availability

Non-radiation hardened MOSFETs build on proven architecture:

- Guaranteed to meet Defense Logistics Agency (DLA) slash sheet specifications
- Low figure-of-merit (On Resistance X Gate Charge) / [RDS(ON) X Qg]
- TO-254 and TO-205 hermetic packaging

RAD HARD MOSFETs:

- Guaranteed to meet Defense Logistics Agency (DLA) slash sheet specifications
- TID and SEE testing
- TO-205, TO-254, TO-257 through-hole and SMD-2, SMD-0.5 and UB surface mount packaging



News in Brief

SEMICOA has strengthened its distributor network by adding ES Components, a leading distributor of active and passive electronic components in package form, wafer and bare die. Formed in 1981, ES Components has a strong reputation in the industry successfully representing top brands and providing a wide range of value added services since 1981. For more information visit ESC's website: www.escomponents.com.

"We are excited to engage with SEMICOA in providing their superior products to our customers. ESC is focused on passive and discrete components and SEMICOA's high reliability and radiation proven products are very complimentary to our offering," commented Mehrdad Namin, Vice President and General Manager, ES Components.

SEMICOA has also added Spirit Electronics, a diversity owned electronics components distributor based out of Phoenix, Arizona. Spirit Electronics specializes in representing the aerospace, defense and communication industries. From fighter jets to guided missiles, Spirit plays a vital role in supplying world-class products and services to meet the highly demanding and rapidly changing needs of its clients. Spirit is ISO 9001 and AS 9100 Certifications. For more information on Spirit, visit the company website at www.spiritelectronics.com

SEMICOA

www.semicoa.com

the Current

SEMICOA'S CUSTOMER NEWSLETTER



Contact SEMICOA:

For more information, newsletter submissions, or partner opportunities please contact:
Stewart Chalmers at (818) 681-3588 or schalmers@semicoa.com.

For business development opportunities, please contact:
Gregg Smith at gsmith@semicoa.com or (408) 348-2416.

SEMICOA CORPORATION

333 McCormick Avenue,
Costa Mesa, CA 92626
Phone: (714) 979-1900
Fax: (714) 557-4541
sales@semicoa.com
www.semicoa.com



Trusted Everywhere.™ Trusted Everywhere.™ Trusted Everywhere.™