

For Immediate Release

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Mouser Electronics Now Stocking TriQuint-WJ's New WJA Family Gain Block Amplifiers for Broadband Applications

Newest Additions to +5V Active Bias General Purpose Gain Block Amplifier Series

Mansfield, Texas, USA –June 30, 2008 – [Mouser Electronics, Inc.](http://www.mouser.com), known for its rapid introduction of the newest products, today announced it is now stocking WJ Communication's [WJA1001](#) and [WJA1021](#) – the latest additions to their +5V Active Bias General Purpose Gain Block amplifier series. [WJ Communications, Inc.](#), recently acquired by TriQuint Semiconductor, is a leading supplier of radio frequency (RF) products and solutions for the wireless infrastructure and radio frequency identification (RFID) reader markets.

The WJA high-performance broadband amplifiers provide an excellent mix of power gain, linearity, and supply current performance in a SOT-89 package, enabling designers to integrate with their designs. The devices are internally matched to 50 ohm and only require DC-blocking/bypass capacitors and a bias inductor for operation. The amplifiers utilize the high-reliability InGaP/GaAs HBT process technology and are suitable for current and next generation wireless applications such as GSM, PCS, CDMA, W-CDMA, WiBro and WiMax, Repeaters, BTS Transceivers, and RFID.

The WJA1001 has been optimized to offer industry-leading linearity performance and provides 19dB gain at 900MHz, a +20dBm 1-dB compression point, and +44dBm OIP3 at 900MHz, while drawing only 100mA of current from a 5V supply voltage.

The WJA1021 gain block amplifier offers +37.5dBm OIP3 at 1.9GHz and is ideal for high linearity applications in the 50 to 4000MHz frequency range. At 1.9GHz, the device typically provides 17.5dB gain, +37.5dBm OIP3, and +19dBm P1dB, drawing only 90mA current from a 5V supply.

"Having the newest products on the shelf at Mouser allows our engineering customers to design with the latest technologies," said Mike Scott, Mouser's Vice President of Active Products. "RF system designers consistently need products with improved linearity and other electrical and physical characteristics like these gain blocks from TriQuint-WJ."

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Known for its broad-based product line, unsurpassed customer service, and streamlined warehouse operations, Mouser continuously offers customers the most innovative products and latest technologies for their new design projects.

Mouser Electronics is the only major distributor to publish a new 2,100+ page print catalog every 90 days. In addition, its website with interactive online catalog is updated daily, contains more than one million products for easy online purchase, provides over 1.5 million cross-references, as well as more than 900,000 downloadable data sheets, supplier-specific reference designs, application notes, and other technical design information.

About Mouser

Mouser Electronics, Inc. is an electronic component distributor, focused on the rapid introduction of new products and technologies to electronic design engineers. Mouser.com features more than one million products online from more than 366 manufacturers. Mouser's 2,100+ page catalog is published every 90 days, providing designers with up-to-date data on the components now available for the next generation of electronic devices. Mouser ships globally to over 280,000 customers in 170 countries from its 432,000 sq. ft. state-of-the-art facility in Mansfield, Texas. For more information, visit www.mouser.com.

About TriQuint

Founded in 1985, we "Connect the Digital World to the Global Network"™ by supplying high-performance RF modules, components and foundry services to the world's leading communications companies. Specifically, TriQuint supplies products to four out of the top five cellular handset manufacturers, and is a leading gallium arsenide (GaAs) supplier to major defense and space contractors. TriQuint creates standard and custom products using advanced processes that include gallium arsenide, surface acoustic wave (SAW) and bulk acoustic wave (BAW) technologies to serve diverse markets including wireless handsets, base stations, broadband communications and military. TriQuint is also lead researcher in a 3-year DARPA program to develop advanced gallium nitride (GaN) amplifiers.

TriQuint, as named by Strategy Analytics in August 2007, is the number-three worldwide leader in GaAs devices and the world's largest commercial GaAs foundry. TriQuint has ISO9001 certified manufacturing facilities in Oregon, Texas, and Florida and a production plant in Costa Rica; design centers are located in North America and Germany. In May 2008, TriQuint acquired WJ Communications, Inc, a leading provider of radio frequency (RF) solutions serving multiple markets targeting wireless communications, RF identification (RFID), WiMAX, and RF power solutions. WJ addresses the RF challenges in these multiple markets with its highly reliable amplifiers, mixers, RF integrated circuits (RFICs), RFID reader modules, chipsets, and multi-chip (MCM) modules. Visit TriQuint at www.triquint.com/rf to register for our newsletters and receive more information.

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