

# Ivent Solutions Market Trend Update

## June 2019



### QORVO Acquires Active-Semi

Ivent announces that QORVO (a leading provider of innovative RF solutions that connect the world) has entered into a definitive agreement to acquire Active-Semi International. Active-Semi is a leading private fabless supplier of programmable analog power solutions. Active-Semi will become part of Qorvo's Infrastructure and Defense Products (IDP) group. The technologies are positioned to intersect multiple long-term secular trends in 5G, industrial, data center, automotive and smart home by addressing the increased demand for efficient power solutions.

Bob Bruggeworth, president and chief executive officer of Qorvo, said, "With the acquisition of Active-Semi, Qorvo will expand IDP's product offerings for existing customers and extend our reach into new high-growth power management markets. We see significant opportunities to accelerate adoption of Active-Semi's innovative analog/mixed signal solutions across multiple markets by leveraging Qorvo's global scale, sales channel and customer relationships."

Power efficiency is increasingly a core requirement in electronic applications in IDP's existing markets, including 5G base stations, active phased arrays for defense, automotive, and IoT. Active-Semi's programmable mixed signal power solutions provide customers with compelling simplicity, efficiency and design flexibility – resulting in smaller footprints, lower bill of material costs and reduced time to market. Larry Blackledge, CEO of Active-Semi, said, "The combination of Active-Semi's programmable analog power solutions with Qorvo's leading product and technology portfolio opens up vast opportunities to accelerate revenue, develop more highly integrated system solutions and target new high-growth markets, like 5G infrastructure."

#### About Qorvo

Qorvo provides innovative Radio Frequency (RF) solutions at the center of connectivity. We combine product and technology leadership, systems-level expertise and global manufacturing scale to quickly solve our customers' most complex technical challenges. Qorvo serves diverse high-growth segments of large global markets, including advanced wireless devices, wired and wireless networks and defense radar and communications. QORVO also leverage unique competitive strengths to advance 5G networks, cloud computing, the Internet of Things, and other emerging applications that expand the global framework interconnecting people, places and things. Visit [www.qorvo.com](http://www.qorvo.com) to learn how Qorvo connects the world.

#### About Active-Semi International

Founded in Silicon Valley with 141 employees worldwide, and headquartered in the Dallas, Texas metroplex, Active-Semi is an emerging leader in the multi-billion-dollar power management and intelligent motor drive IC markets. The company's portfolio of analog and mixed signal SoCs provide scalable core platforms used in charging, powering and embedded digital control systems for industrial, commercial and consumer applications. Active-Semi offers Power Application Controllers® (PAC®) and Programmable Analog ICs that significantly reduce solution size and cost, improve system reliability, and shorten system development time.



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### **Active-Semi adds seven channel ACT88430 to its ActiveCiPSTM Product Line**

Active-Semi is providing a Family of eFuse products with active power loss protection and autonomous storage capacitor health monitoring. During a write cycles in SSDs it is important to detect an eminent power loss and actively signal this to the controller and allow a completion of data storage to not lose vital information. To ensure that the provided storage capacitors are capable of providing this function the ACT49xx products periodically conduct capacitor health screening.

Active-Semi adds ACT88430 to its power management portfolio with increased efficiency and reduced output voltages down to 0.6V covering present and future processor solutions. The ACT88430 is the next generation ActiveCiPSTM Power Management IC combining seven fully integrated power channels with one 4A buck regulator, three 2.5A buck regulators and three LDOs with digitally controlled features providing seamless and easy sequencing, adjustable protection features, four highly flexible GPIOs and a dedicated external power converter control pin. The buck converters support DVS (Dynamic Voltage Scaling) with 9.375mV steps down to 0.6V and can be controlled with the I2C interface to optimize individual processor performance.

The ActiveCiPSTM line of products allows system designers to change the power up and down sequencing, output voltages, current limits and many more parameters by using the IC's proprietary multiple-time programmable logic to meet changing requirements during product development without the need for changing the PCB layout. It also enables the reuse of the same power management solution in follow-on designs with different voltage and sequencing requirements. "The seven power rails are highly configurable, and the DC/DC buck converters and LDOs can be used as load switches giving designers more system flexibility," says Dave Briggs VP and General Manager of Power Solutions at Active-Semi. "Our multiple-time programmable (MTP) logic enables quick changes in the customer's project design phase and allows for reuse and a simplified bill of materials for improved system cost optimization and sourcing."

The compact ACT88430 is packaged in a 40 pin, 5x5mm QFN package and is available in samples and volume production.

For more information visit:

<https://active-semi.com/ACT88430>

For more information on Active Semi's ActiveCiPSTM Product Line visit:

<https://active-semi.com/ActiveCiPS>



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NZD versus AUD - AU\$0.950 vs NZ\$1.00



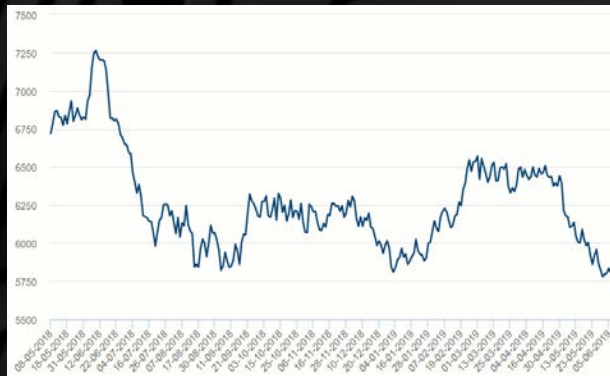
NZD versus USD - US\$0.665 vs NZ\$1.00



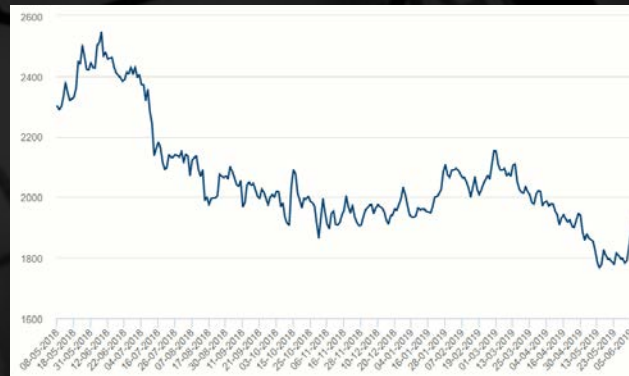
NZD versus EUR - EU\$0.585 vs. NZ\$1.00



Copper - USD5800 / tonne



Lead - USD1850 / tonne



Nickel - USD11500 / tonne

