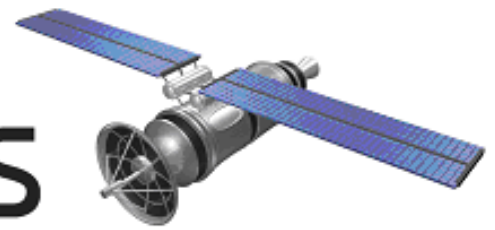


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The Global Semiconductor Industry Analysts

FH MONDAY

19 September 2022

Honda and LG Energy Solution To Build \$4.4 Billion EV Battery Plant

Honda Motor Co. and LG Energy Solution announced August 29 the two companies would form a joint venture to build a U.S. factory for electric vehicle batteries. In an official statement, the companies said the plant will cost \$4.4 billion dollars and feature an annual production capacity of 40GWh

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Renesas expands radar portfolio with Steradian acquisition

Renesas Electronics Corp. is set to acquire Steradian Semiconductors, a fabless chip company based in India, that will accelerate Renesas' radar portfolio. Steradian provides a 4D imaging radar solution, which will boost Renesas' automotive and industrial sensing offerings particularly for the advanced driver assistance system (ADAS) automotive sector.

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Nordic Semiconductor Adoption of Ziatee

Nordic Semiconductor is a Norwegian fabless semiconductor company specializing in wireless communication technology that powers the Internet of Things (IoT). Established in 1983, Nordic has expanded to be a global market leader with 1300 employees around the globe.

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TALK TO US



Meta signs Qualcomm for custom chips for Quest VR

Meta Platforms signed a deal for Qualcomm to make custom chips for Quest virtual reality devices, both companies announced at IFA in Berlin. Engineers from both companies will work together to produce the chips. They already have worked together on VR tech for more than seven years, including for Meta Quest 2.

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Sensor chip firm Newsight agrees to SPAC merger

Israel-based semiconductor firm Newsight Imaging Ltd. has signed a definitive agreement to merge with Vision Sensing Acquisition Corp. (VSAC), a special purpose acquisition company (SPAC), in the industry's latest SPAC deal.

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Honda and LG Energy Solution To Build \$4.4 Billion EV Battery Plant in US

Honda Motor Co. and LG Energy Solution announced August 29 the two companies would form a joint venture to build a U.S. factory for electric vehicle batteries. In an official statement, the companies said the plant will cost \$4.4 billion dollars and feature an annual production capacity of 40GWh.

According to a joint statement from the companies, the move to build the factory in the U.S. is meant to help supply Honda's stake in the "rapidly-growing North American EV market."

The "pouch-type" batteries the factory produces will supply North American Honda plants. In a statement, Honda CEO Toshihiro Mibe said the new factory would give U.S. Honda plants local access to electric vehicle batteries. "Aligned with our longstanding commitment to build products close to the customer, Honda is committed to the Local procurement of EV batteries," he said.

Renesas Expands Radar Portfolio With Steradian Acquisition

Renesas Electronics Corp. is set to acquire Steradian Semiconductors, a fabless chip company based in India, that will accelerate Renesas' radar portfolio.

Steradian provides a 4D imaging radar solution, which will boost Renesas' automotive and industrial sensing offerings particularly for the advanced driver assistance system (ADAS) automotive sector. Renesas is advancing ADAS technology, combining data from multiple sensors such as cameras, radar and lidar.

Radar, specifically, detects objects over long distances in the day or night and even in harsh weather. Radar is considered an essential sensing technology for ADAS and the number of radar sensors installed in the vehicles is forecast to triple over the next five years, Renesas said.

Nordic Semiconductor Adoption of Zigbee and Emergence of New, Open Development Model

Nordic Semiconductor is a Norwegian fabless semiconductor company specializing in wireless communication technology that powers the Internet of Things (IoT). Established in 1983, Nordic has expanded to be a global market leader with 1300 employees around the globe. Nordic's reputation is built on leading-edge technology and development tools that shield designers from RF complexity. The company pioneered ultra-low power wireless and helped develop Bluetooth Low Energy. Nordic is committed to ultra-low power wireless solutions, which led them to Zigbee.

Nordic Semiconductor has made a name for themselves by offering mature Bluetooth Low Energy solutions with excellent interoperability. As the smart home market expanded, it was evident that most customers required the ubiquity of Bluetooth Low Energy in smartphones and tablets, in addition to low-power mesh technology, in their products.

Meta Signs Qualcomm For Custom Chips For Quest VR

Meta Platforms signed a deal for Qualcomm to make custom chips for Quest virtual reality devices, both companies announced at IFA in Berlin on Friday.

Engineers from both companies will work together to produce the chips. They already have worked together on VR tech for more than seven years, including for Meta Quest 2.

The new agreement "solidifies the mutual commitment to deliver multiple generations of premium devices and experiences powered by customer VR platforms in years to come," the companies said in a statement. Terms of the deal were not divulged.

Sensor chip firm Newsight agrees to SPAC merger

Israel-based semiconductor firm Newsight Imaging Ltd. has signed a definitive agreement to merge with Vision Sensing Acquisition Corp. (VSAC), a special purpose acquisition company (SPAC), in the industry's latest SPAC deal.

Newsight develops proprietary 3D machine vision and LiDAR sensors and spectral vision chips. In addition, the company has two subsidiaries of note. One is Virusight, which designs and manufactures the SpectraLIT AI driven pathogen diagnostic solutions for antigen detection, including for Covid, HIV, influenzas, HPV, and others. The other unit is Watersight, which offers AquaRing for water quality and process control.