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German iPhone Ruling Strengthens Qualcomm's Hand

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CP Technologies Aims for Deeper Engagement with Defense Market

With the new year, Chassis Plans is changing its name to CP Technologies. The company, which provides ruggedized computer hardware systems, servers, and LCD displays points to its defense market roots, which it intends to further grow. The moniker better represents the company's focus on serving those in harsh military and industrial environments

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Compound semiconductor suppliers

Compound semiconductor suppliers to see power amplifier demand from 5G in 2019. While being positive about the medium- and long-term prospects of the 5G industry, most Taiwan's compound semiconductor makers, with respect to the short-term outlook, expect stronger demand for power amplifiers for various types of base stations in 2019 than handset related applications.

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TALK TO US

Ambarella Joins Forces with Hella in ADAS

PARIS — As the tech and automotive industries began walking back their high expectations for autonomous vehicles in 2018, they are eagerly shifting gears to Plan B — a renewed emphasis on advanced driver assistance systems (ADAS).

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AI Needs Printed Electronics for Sensor

Use of printed electronics for sensor arrays holds great promise in health, environmental and industrial applications, but the technology is still in its early stages.

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German iPhone Ruling Strengthens Qualcomm's Hand

SAN FRANCISCO — Apple was dealt another setback in its multi-jurisdiction legal war with longtime supplier Qualcomm, saying it would pull some iPhones from German stores while it appealed a ruling that some models violate a Qualcomm patent.

Apple said in a statement that iPhone 7 and iPhone 8 models would not be sold in its retail stores in Germany while it appeals the ruling, issued Thursday by a district court in Munich. The company said those iPhone models would continue to be available through carrier and third-party retailers in Germany and that its latest iPhone models would remain available in its German stores.

CP Technologies Aims For Deeper Engagement With Defense Market

CP Technologies is moving toward this new “complete solution” focus in order to meet the needs of its military customers. “We found a niche market in ruggedized COTS solutions,” said McCormack. “We want to provide complete, integrated portable solutions and complete rack solutions.” These customers are trying to address to high cost of customized products, as well as challenges with achieving cross-platform compatibility, he added.

These systems will include Portable Computing Systems (PCS), Small Tactical Transit Case (STTC), Medium Tactical Transit Case (MTTC) and Complete Rack Solutions (CRS). CP will also continue to provide the separate components that it has offered in the past.

Complete solutions offer a variety of benefits, especially reducing the cost and complexity of ongoing service and support of systems. “As the Department of Defense (DoD), you have a software system that is configured around hardware and that is continuously changing so there is continual ongoing cost to maintaining it,” said McCormack. “By maintaining stable revision control, they can greatly reduce the cost of maintaining systems.”

Compound Semiconductor Suppliers To See Power Amplifier Demand From 5G In 2019

While being positive about the medium- and long-term prospects of the 5G industry, most Taiwan's compound semiconductor makers, with respect to the short-term outlook, expect stronger demand for power amplifiers for various types of base stations in 2019 than handset related applications.

However, major suppliers in the line, including Win Semiconductor, Visual Photonics Epitaxy (VPEC), Advanced Wireless Semiconductor (AWSC), Global Communication Semiconductor and Intelligent Epitaxy Technology, said they are unable to provide more precise predictions for 2019 due primarily to the uncertainty arising from the US-China trade dispute.

Some of suppliers, who are in Huawei's supply chain, also said they will remain cautious in the first half of 2019 as Huawei is facing obstacles in the US, although Huawei and the other Chinese telecom companies mostly target their domestic market and emerging markets for the development of 5G business.

Ambarella Joins Forces with Hella In ADAS

PARIS — As the tech and automotive industries began walking back their high expectations for autonomous vehicles in 2018, they are eagerly shifting gears to Plan B — a renewed emphasis on advanced driver assistance systems (ADAS).

Of a variety of sensors designed for ADAS features, the race is most competitive and concentrated in computer vision. Vision is the most broadly used advanced sensor.

One crucial question in the ADAS market is who will contend in 2019 as an alternative to Intel/Mobileye — the most dominant player in the computer vision-based ADAS market. Candidates include NXP, Texas Instruments, and Renesas. New to the club is Ambarella, Inc., a Santa Clara, California-based developer of high-resolution video processing and computer vision chips.

AI Needs Printed Electronics For Sensor Arrays

Use of printed electronics for sensor arrays holds great promise in health, environmental and industrial applications, but the technology is still in its early stages.

Printed electronics (PE) technology uses different types of inks to print electronic devices on a variety of substrates, creating thin, flexible devices that can be deployed in ways rigid devices cannot. Flexible sensors are thus becoming increasingly attractive for benefits including the printing of multiple arrays, cost efficiencies, thinner profiles, light weight and conformability.