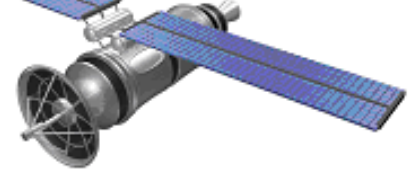# FutureHorizons
The Global Semiconductor Industry Analysts

FH MONDAY

14 September

Apple & Cisco Team Up

Apple AAPL -1.05% and Cisco announced on Monday that they have partnered up to integrate iOS products more tightly into the kind of enterprise networks sold by Cisco. Together, they will create a "fast lane" for iOS products in enterprise networks.

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Advanced Sensors From STMicroelectronics

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Samsung Electronics First 12 GB LPDDR4 DRAM

Samsung Electronics on Sept 9 announced that it is mass producing the industry's first 12-gigabit (Gb) LPDDR4 (low power, double data rate 4) mobile DRAM, based on its advanced 20-nanometer (nm) process technology.

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TALK TO US

Freescale Unveils Home Gateway Solution

Freescale Semiconductor Wednesday said it is driving next-generation, multi-gigabit broadband access toward mainstream adoption with the industry's first 10 Gbps Internet plus 10 Gbps Wi-Fi enabled home gateway solution.

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EVENTS

Silicon Chip Industry Seminar

– 21st Sept 2015 – London UK

Industry Forecast Briefing

– 24th Sept 2015 – London UK

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Toshiba expands GaN-on-Si Range

These new additions provide a high luminous flux and are suited to applications ranging from street and stadium lighting to LED light bulbs and down lighting for use in the home.

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Apple And Cisco Team Up To Make iPhones Better Suited For Enterprise

Apple AAPL -1.05% and Cisco announced on Monday that they have partnered up to integrate iOS products more tightly into the kind of enterprise networks sold by Cisco. Together, they will create a "fast lane" for iOS products in enterprise networks.

The two companies also announced a plan to build tools to help iPhones and iPads take advantage of Cisco's business collaboration products, such as its voice and video conferencing services.

Advanced Sensors from STMicroelectronics Make Pictures Better on OnePlus 2 Phone

STMicroelectronics (NYSE: STM), a global semiconductor leader serving customers across the spectrum of electronics applications, today announced that its advanced motion and proximity sensors have been integrated in the OnePlus 2, the newest smartphone from a leading Chinese mobile maker.

The 2015 flagship model, OnePlus 2, relies on ST sensors for its superior camera system performance that includes an ultra-fast 0.2s "human-eye" -grade focus time and advanced optical anti-shake technology that delivers a 20% improvement in effective image resolution, as well as a 55% reduction in power consumption compared with standard optical anti-shake mobile-camera systems.

Samsung Electronics launches industry's first 12Gb LPDDR4 DRAM

Samsung Electronics on Sept 9 announced that it is mass producing the industry's first 12-gigabit (Gb) LPDDR4 (low power, double data rate 4) mobile DRAM, based on its advanced 20-nanometer (nm) process technology.

The newest LPDDR4 is expected to significantly accelerate the adoption of high capacity mobile DRAM worldwide. The 12Gb LPDDR4 brings the largest capacity and highest speed available for a DRAM chip, while offering excellent energy efficiency, reliability and ease of design – all essential to developing next-generation mobile devices.

"By initiating mass production of 12Gb LPDDR4 mobile DRAM in an extremely timely manner, we now are not only helping OEMs to accelerate their moves to the next generation of mobile devices, but also providing functionality that will give mobile consumers greatly enhanced user experiences," said Joo Sun Choi, executive vice president of Memory Sales and Marketing at Samsung Electronics. "Furthermore, we intend to closely collaborate with our global customers to move beyond premium smartphones and tablets in creating new digital markets that embrace the full potential of cutting-edge technologies like next-generation mobile DRAM."

Freescale Semiconductor Unveils 10 Gbps Wi-Fi Enabled Home Gateway Solution

Freescale Semiconductor Wednesday said it is driving next-generation, multi-gigabit broadband access toward mainstream adoption with the industry's first 10 Gbps Internet plus 10 Gbps Wi-Fi enabled home gateway solution.

Freescale developed its new QorIQ LS1043A residential gateway in collaboration with Quantenna Communications. It has open, Linux-based security, video streaming and networking applications. The platform enables dramatic boosts in bandwidth, throughput and quality of service.

Toshiba expands GaN-on-Si High Power White LED range

These new additions provide a high luminous flux and are suited to applications ranging from street and stadium lighting to LED light bulbs and down lighting for use in the home.

Toshiba Electronics Europe has added four new products to its TL1L4 series of white LEDs.

Like the existing members of the TL1L4 series, GaN-on-Silicon technology has been utilised to create LEDs optimised for both output and energy efficiency. However, the new 4A5B type improves upon these existingproducts by providing a luminous flux of 140lm (min.), compared to 130lm (min.).