FutureHorizons
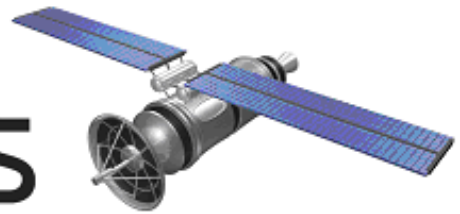## The Global Semiconductor Industry Analysts

FH MONDAY

TSMC Expects 10nm Demand to Soar

TAIPEI — Taiwan Semiconductor Manufacturing Co. (TSMC) expects demand for its 10nm products to soar this year while its largest customer, Apple, ramps up production of the iPhone X.

read more

ASML Continues to Ramp EUV Shipments

Dutch microlithography system vendor ASML said it on track to grow sales by at least 25 percent this year after a strong third quarter characterized by strong demand for 193-nm tools and the continued ramp up deliveries for next-generation extreme ultraviolet (EUV) systems.

read more

Samsung Secures IoT Node-to-Cloud

Samsung announced a soup-to-nuts security offering for the Internet of Things. It is part of the Korean giant's ambitions to carve out a business in chips for IoT end nodes and gateways as well as cloud services that include machine learning.

read more

FutureHorizons

TALK TO US

X-factors Hobble iPhone X

TAIPEI — The word on the street here is that Apple is having yield problems with its iPhone X. Foxconn, which does all the manufacturing of Apple's highly anticipated forthcoming model, appears unable to make enough of them.

read more

EVENTS

Silicon Chip Industry Seminar

– 13 November 2017 – London

Industry Forecast Briefing

– 19 September 2017 – London UK

DON'T MISS OUT.-
BOOK NOW BY CALLING

+44 1732 740440

OR EMAIL
mail@futurehorizons.com

Synopsys to Pay $565 Million for Security Software Firm

SAN FRANCISCO — EDA and IP vendor Synopsys said it would pay about $565 million to acquire Black Duck Software, a Massachusetts-based provider of technology for securing and managing open source software.

read more

TSMC Expects 10nm Demand to Soar

TAIPEI — Taiwan Semiconductor Manufacturing Co. (TSMC) expects demand for its 10nm products to soar this year while its largest customer, Apple, ramps up production of the iPhone X.

 "We expect the N10 (TSMC's designation for 10nm) to contribute about 10 percent of our full-year 2017 wafer revenue," TSMC Co-CEO CC Wei said at an event in Taipei to announce the company's third-quarter revenue. The outlook for the world's biggest foundry has improved from three months ago, when the company said it expected 10nm sales to account for 10 percent of its second-half revenue.

ASML Continues to Ramp EUV Shipments

SAN FRANCISCO —Dutch microlithography system vendor ASML said it on track to grow sales by at least 25 percent this year after a strong third quarter characterized by strong demand for 193-nm tools and the continued ramp up deliveries for next-generation extreme ultraviolet (EUV) systems.

ASML (Veldhoven, the Netherlands) said it shipped three Twinscan NXE:3400B EUV tools in the third quarter, raising the total for the year so far too six. NXE:3400B is ASML's second-generation EUV production tool intended for volume production at the 7nm and 5nm nodes.

ASML said it currently has a backlog of 23 EUV systems, down from a backlog of 27 systems at the end of the second quarter. The company said it also demonstrated during the second quarter that its EUV pellicle — which protects the photomask from particles during exposure — is capable of withstanding 250 watts of EUV power, another important milestone in the development of EUV.

Samsung Secures IoT Node-to-Cloud

SAN FRANCISCO — Samsung announced a soup-to-nuts security offering for the Internet of Things. It is part of the Korean giant's ambitions to carve out a business in chips for IoT end nodes and gateways as well as cloud services that include machine learning.

As the next step in that direction, Samsung will start shipping a suite of secure IoT products in November. They span modules with a hardware root-of-trust to encryption and authentication of over-the-air software updates, applications, and cloud services.

"We believe that security will become a strong value proposition in this space and it will only get stronger … [overall,] our strategy is that we want to be an IoT company internally and externally," said James Stansberry, general manager of Samsung's Artik IoT group

X-factors Hobble iPhone X

TAIPEI — The word on the street here is that Apple is having yield problems with its iPhone X. Foxconn, which does all the manufacturing of Apple's highly anticipated forthcoming model, appears unable to make enough of them.

As several media reports indicated, Apple has been forced into a 50-percent cut in shipments of its flagship iPhone X this holiday season, slashing volume from 40 to 20 million units.

What caused this massive drop in the production flow?

Apple has ended up behind the eight ball for a lot of reasons that range from component shortages to technical complexity. The industry consensus is that, if anything, it was Apple's own engineering ambition that triggered its mass production issues.

Synopsys to Pay $565 Million for Security Software Firm

SAN FRANCISCO — EDA and IP vendor Synopsys said it would pay about $565 million to acquire Black Duck Software, a Massachusetts-based provider of technology for securing and managing open source software.

Synopsys (Mountain View, Calif.) said the move would broaden its product offering and expand its customer reach in the software security market.

"Development processes continue to evolve and accelerate, and the addition of Black Duck will strengthen our ability to push security and quality testing throughout the software development lifecycle, reducing risk for our customers," said Andreas Kuehlmann, senior vice president and general manager of Synopsys' Software Integrity Group, in a press statement