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The Global Semiconductor Industry Analysts

FH MONDAY

13 August 2018

TSMC Struck by Virus

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Holitech Plans \$200 Million Plant in India for Xiaomi Components

BENGALURU — Chinese component maker, Holitech Technology, who is also a major supplier for Xiaomi smartphones, plans to invest \$200 million in three years for a local manufacturing plant in India.

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Intel Aims for the Cloud

The decline of Moore's Law affects the entire semiconductor industry, but perhaps no company more viscerally than the one that Gordon Moore co-founded. Here at its headquarters, Intel projected an upbeat image at a data center event, and it showed how profoundly the company is changing with the times.

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TALK TO US



PM Modi Opens World's Largest Cellphone Plant

The world's biggest mobile factory was launched in Noida near Delhi on Monday by Prime Minister Narendra Modi and South Korean President Moon Jae-in. The unit will have a capacity of manufacturing 120 million phones a year -- ranging from low-end smartphones that cost under \$100 to the company's flagship S9 model

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Skyworks Buys Analog SoC Vendor

Analog chip vendor Skyworks Solutions plans to acquire analog SoC vendor Avnera Corp. for \$405 million in cash. Skyworks (Woburn, Mass.) said the deal would augment its wireless connectivity portfolio by adding ultra-low power analog to enable smart interfaces via acoustic signal processing, sensors and integrated software

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TSMC Struck By Virus

SAN FRANCISCO — Foundry giant Taiwan Semiconductor Manufacturing Co. (TSMC) said a computer virus outbreak that hit the company on Aug. 3 will reduce its third quarter revenue by about 3%.

The virus, which TSMC said was accidentally spread by misoperation during the software installation process for a new tool, affected a number of the company's computer systems and fab tools in Taiwan. The company said Sunday that about 80% of the impacted tools had been recovered and that a full recovery is expected Monday

Holitech Plans \$200 Million Plant In India For Xiaomi Components

BENGALURU — Chinese component maker, Holitech Technology, who is also a major supplier for Xiaomi smartphones, plans to invest \$200 million in three years for a local manufacturing plant in India.

The company has signed a memorandum of understanding (MoU) with the state of Andhra Pradesh and will start local manufacturing in the temple city of Tirupati for Xiaomi.

The plant would be spread across 75 acres of land in the city of Tirupati and is likely to start production with a capacity of nearly 50 million components per year. The plant will have a nearly 50 per cent clean room.

The local manufacturing is likely to start in the first quarter of 2019, where Holitech Technology will manufacture compact camera modules (CCM), thin film transistor (TFT), capacitive touchscreen module (CTP), flexible printed circuits (FPC), and fingerprint sensor locally at the Andhra Pradesh facility

Intel Aims For The Cloud

SANTA CLARA, Calif. — The decline of Moore's Law affects the entire semiconductor industry, but perhaps no company more viscerally than the one that Gordon Moore co-founded. Here at its headquarters, Intel projected an upbeat image at a data center event, and it showed how profoundly the company is changing with the times.

The x86 giant is increasingly relying on a basketful of technologies to deliver performance increases that it used to get with a turn of the crank at its fabs. And it is offering its customers a fat cookbook of systems and silicon recipes in place of its old formula of the next big CPU.

These days, what's most interesting at Intel is its work in memories, machine learning — and some of its rock star engineers like Jim Keller. All three were on vivid display at the event.

Details of the next big processors — Cascade Lake, Cooper Lake, and Ice Lake — were part of the event. But part of that news was their added AI features, and they stood alongside Optane DIMMs now shipping to Google Cloud and plans for smart networking cards.

PM Modi Opens World's Largest Cellphone Plant

DELHI — The world's biggest mobile factory was launched in Noida near Delhi on Monday by Prime Minister Narendra Modi and South Korean President Moon Jae-in.

The unit will have a capacity of manufacturing 120 million phones a year -- ranging from low-end smartphones that cost under \$100 to the company's flagship S9 model. It will build 10 million phones a month, 70 per cent of which will be earmarked for domestic usage.

Currently, about 400 million crore Indians own smartphones, 320 million people use broadband, the Prime Minister said in his address at the event. The 30 per cent phones for export will help place the country in the global market, he added.

Skyworks Buys Analog SoC Vendor

SAN FRANCISCO — Analog chip vendor Skyworks Solutions plans to acquire analog SoC vendor Avnera Corp. for \$405 million in cash.

Skyworks (Woburn, Mass.) said the deal would augment its wireless connectivity portfolio by adding ultra-low power analog to enable smart interfaces via acoustic signal processing, sensors and integrated software. Skyworks estimates that the acquisition will expand its addressable market by more than \$5 billion.

Target applications for Avnera's technology include AI speakers/microphones, virtual assistants, intelligent gaming controllers and vehicle in-dash systems as well as wired/wireless headsets, Skyworks said