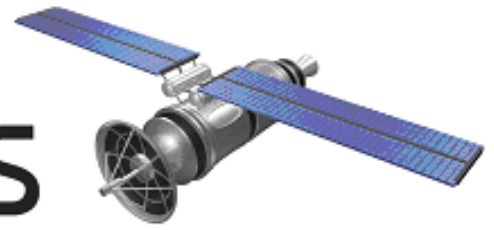


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The Global Semiconductor Industry Analysts

FH MONDAY

13 November 2017

'Historic' AMD Pact Shows Intel's New Reality

SAN FRANCISCO — Intel and AMD — bitter rivals for decades — have partnered on product that integrates an Intel Core processor, a semi-custom Radeon graphics chip and second-generation High Bandwidth Memory into a single processor package.

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Silicon Labs Bends Micrium RTOS to IoT

It's hard to argue with anyone who insists that the Internet of Things (IoT) still has a long way to go, if only because no application-level standards exist to ease interoperability among various IoT devices. An issue possibly even more serious is sloppy IoT security, thrown in as an afterthought more often than not.

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Broadcom Launches \$103 Billion Bid for Qualcomm

Broadcom Ltd. launched an unsolicited takeover bid to acquire larger rival Qualcomm for roughly \$103 billion in what would be the largest tech acquisition ever. Broadcom said it would offer \$70 per share to acquire Qualcomm, the largest maker of mobile phone chips, a 28 percent premium over Qualcomm's closing stock price on Nov. 2,.....

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TALK TO US



Chip Incubator Warms New Startups

Silicon Catalyst added ON Semiconductor as a partner and two new startups to the dozen it incubates. The accelerator focused on semiconductor startups hopes to expand its geographic footprint in January and launch its first graduates soon.

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Qualcomm Takes Aim at Intel with ARM Server SoC

The Centric 2400 10nm server processor is a bold, expensive gamble that a company like Broadcom would never make. After years of development, Qualcomm finally released its ARM-based processor server, and in the process made it clear that it is going directly after Intel's cloud server business.

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'Historic' AMD Pact Shows Intel's New Reality

SAN FRANCISCO — Intel and AMD — bitter rivals for decades — have partnered on product that integrates an Intel Core processor, a semi-custom Radeon graphics chip and second-generation High Bandwidth Memory into a single processor package.

The move, rumored for more than a year, is seen by analysts as a win for AMD and an indication that Intel is willing to go to new lengths to partner even with competitors in search of new avenues for growth. It's also a challenge to graphics chip maker Nvidia, a common foe of both AMD and Intel.

Jon Peddie, principal of Jon Peddie Research, said in an interview with EE Times that Intel's willingness to partner with AMD rather than insist on using home grown technology is indicative of a new attitude by the biggest U.S. chip maker. "Intel has demonstrated extraordinary enlightenment and shed the 'not invented here' attitude that has crippled so many companies," Peddie said.

Silicon Labs Bends Micrium RTOS to IoT

PARIS — It's hard to argue with anyone who insists that the Internet of Things (IoT) still has a long way to go, if only because no application-level standards exist to ease interoperability among various IoT devices. An issue possibly even more serious is sloppy IoT security, thrown in as an afterthought more often than not.

But the IoT industry isn't standing still. Chip vendors are making progress in connectivity, an integral part of the IoT story. Since neither homes nor commercial buildings are built on a single wireless network, IoT chips with built-in multi-protocol support are fast becoming mainstream.

Broadcom Launches \$103 Billion Bid for Qualcomm

SAN FRANCISCO — Broadcom Ltd. launched an unsolicited takeover bid to acquire larger rival Qualcomm for roughly \$103 billion in what would be the largest tech acquisition ever.

Broadcom said it would offer \$70 per share to acquire Qualcomm, the largest maker of mobile phone chips, a 28 percent premium over Qualcomm's closing stock price on Nov. 2, the day before reports that Broadcom was planning a takeover offer surfaced. Broadcom did not approach Qualcomm to discuss the deal prior to launching the bid, according to reports.

The magnitude of the deal would be difficult to overstate, even in a period of unprecedented consolidation for the semiconductor industry. Qualcomm itself is still in the process of trying to close a deal for European chip maker NXP Semiconductors — first announced a year ago — which is to date the largest announced semiconductor firm acquisition.

Chip Incubator Warms New Startups

Silicon Catalyst added ON Semiconductor as a partner and two new startups to the dozen it incubates. The accelerator focused on semiconductor startups hopes to expand its geographic footprint in January and launch its first graduates soon.

Like most of its partners, ON Semi joined Silicon Catalyst to get a better view of its pipeline of startups. The incubator screens hundreds of startups every year to select a handful that become portfolio companies, getting access to EDA and test tools and services from partners, including a shuttle run at TSMC.

"My role is to look outside the company and fill innovation and technology gaps," said Mamoon Rashid, senior vice president of strategic ventures at ON Semi. "This partnership gives us a view of the semiconductor startup environment...there are a lot of incubators in software, but not a lot in semiconductors."

Qualcomm Takes Aim At Intel With ARM Server SoC

The Centric 2400 10nm server processor is a bold, expensive gamble that a company like Broadcom would never make.

After years of development, Qualcomm finally released its ARM-based processor server, and in the process made it clear that it is going directly after Intel's cloud server business.

The Centriq 2400 10nm server processor is the result of a bold and expensive undertaking many years in the making. It represents the kind of ambitious, innovative gamble that the semiconductor industry needs to keep it vibrant. And it's a bet that a company like Broadcom would never make.

In a San Jose event featuring ecosystem partners including Microsoft, Red Hat and Canonical, Qualcomm announced that it's in pilot production and has shipped Centriq cloud server processors for revenue this quarter