

# FutureHorizons

The Global Semiconductor Industry Analysts



## FH MONDAY

5 June 2023

### Maury Microwave to acquire Wireless telecom

Maury Microwave, Inc., a leading provider of RF calibration, measurement, emulation and modeling systems backed by Artemis Capital Partners, has announced that it has entered into a definitive agreement to acquire Wireless Telecom Group, Inc., in a transaction that is expected to close in the third quarter of 2023,

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### Sony invests in UK-based quantum computing scale-up

Sony Innovation Fund has become the latest high-profile investor to back Quantum Motion, a UK-based quantum computing scale-up founded by Professor John Morton, University College London (UCL), and Professor Simon Benjamin, Oxford University.

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### Europe leads to drive Linux into edge devices

NXP has developed an optimised Linux processor based on the ARM Cortex-A55 for embedded edge devices with several European companies taking the lead on adoption. The i.MX91 is an optimised system on chip aimed at emerging protocols such as Matter or the ISO 15118-20 standard for electric vehicle (EV) chargers for creating new, Linux-based product categories across IoT and industrial markets.

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### TALK TO US



### Dell, Microsoft team with Nvidia on enterprise generative AI

How can corporate enterprises make the most of generative AI? High-tech giants are quickly ramping up efforts to help answer that question, and this week saw Nvidia working with two big partners—Dell Technologies and Microsoft—on separate projects designed to smooth the path of generative AI options for enterprises.

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### EVENTS

#### [Silicon Chip Industry Seminar](#)

-November 2023– London UK

#### [Industry Forecast Briefing](#)

– September 2023– London UK

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### Apple extends Broadcom partnership

Apple announced a multibillion-dollar, multi-year deal with Broadcom for 5G radio components and cutting-edge frequency components. Among the 5G components, FBAR filters will be designed and built in US manufacturing hubs such as Fort Collins, Colorado, where Broadcom has a facility,

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## **Maury Microwave to acquire Wireless telecom Group**

Maury Microwave, Inc., a leading provider of RF calibration, measurement, emulation and modeling systems backed by Artemis Capital Partners, has announced that it has entered into a definitive agreement to acquire Wireless Telecom Group, Inc., in a transaction that is expected to close in the third quarter of 2023, subject to the approval of Wireless Telecom Group Shareholders and the satisfaction of other customary closing conditions.

Since its founding in 1985, the Wireless Telecom Group (WTT) test and measurement business — comprised of Boonton, Holzworth, and NoiseCom — has served as a trusted technology partner to many of the world's leading manufacturers in the wireless technology chain. Across aerospace, defense, satellite communications, semiconductor, quantum and directed energy applications, WTT's technology portfolio enables its customers to push the boundary of RF and microwave technology.

## **Sony Invests In UK-Based Quantum Computing Scale-Up**

Sony Innovation Fund has become the latest high-profile investor to back Quantum Motion, a UK-based quantum computing scale-up founded by Professor John Morton, University College London (UCL), and Professor Simon Benjamin, Oxford University. Sony Innovation Fund is joining the second close of the company's funding round, announced in February 2023, which raised over £42 million in equity funding from some of the world's leading quantum and technology investors.

Sony Innovation Fund joins existing investors, including Bosch Ventures (RBVC), Porsche Automobil Holding SE (Porsche SE), British Patient Capital, Oxford Science Enterprises, Inkef, Parkwalk Advisors, Octopus Ventures, IP Group and NSSIF. To date, Quantum Motion has raised over £62 million in equity and grant funding.

## **Europe leads to drive Linux into edge devices with streamlined i.MX 91**

NXP has developed an optimised Linux processor based on the ARM Cortex-A55 for embedded edge devices with several European companies taking the lead on adoption.

The i.MX91 is an optimised system on chip aimed at emerging protocols such as Matter or the ISO 15118-20 standard for electric vehicle (EV) chargers for creating new, Linux-based product categories across IoT and industrial markets.

The chip includes a 1.4GHz Cortex-A55 with support for LPDDR4 memory, dual Gigabit Ethernet for gateway or multi-network segment support; dual USB ports; and the essential I/O for products in smart factory, smart home, smart office, medical device, metering, and cost-optimized system-on-modules such as those from SECO and Variscite.

An integrated EdgeLock secure enclave provides security features such as lifecycle management, tamper detection, secure boot, and a simplified path to certifications.

## **Dell, Microsoft team with Nvidia on enterprise generative AI**

How can corporate enterprises make the most of generative AI? High-tech giants are quickly ramping up efforts to help answer that question, and this week saw Nvidia working with two big partners—Dell Technologies and Microsoft—on separate projects designed to smooth the path of generative AI options for enterprises.

The partnership with Dell nods to the notion that some enterprise are going to want to have on-premises use of generative AI to customize applications built on their own proprietary data, while the work with Microsoft brings the full power of Nvidia's AI software frameworks to an Azure cloud offering.

At the Dell Technologies World event in Las Vegas, Dell and Nvidia announced a joint initiative to provide businesses with the blueprints, infrastructure, and software to help them quickly and easily build and use generative AI models on-premises to support better customer service, market intelligence, enterprise search, and a range of other capabilities.

## **Apple extends Broadcom partnership for US-made 5G chip components**

Apple announced a multibillion-dollar, multi-year deal with Broadcom for 5G radio components and cutting-edge frequency components.

Among the 5G components, FBAR filters will be designed and built in US manufacturing hubs such as Fort Collins, Colorado, where Broadcom has a facility, Apple said in a statement early Tuesday.

"All of Apple's products depend on technology engineered and built here in the US and we'll continue to deepen our investments in the US economy because we have an unshakable belief in America's future," Apple CEO Tim Cook added in the statement. "We're thrilled to make commitments that harness the ingenuity, creativity and innovating spirit of American manufacturing."