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The Global Semiconductor Industry Analysts

FH MONDAY

3 May 2021

Schneider Electric Launches India's First Anti-Viral Switches

Schneider Electric has launched its self-disinfecting anti-viral and anti-bacterial switches under its Clipsal X product range. Meeting international standards of testing, the switches are powered by Silver Ion technology, which can kill over 99.9% of germs and self-disinfects itself.

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Foxconn's EV Effort Likely Aimed at Enticing Apple

TAIPEI — Foxconn's announcement of an electric vehicle alliance last month is very likely aimed at forming partnerships with companies that have an interest in entering the EV business, and none so much as Apple, according to people close to the world's largest electronics contract manufacturer.

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Facial Recognition on the Rise to Verify Payments

Let's face it, facial recognition is on the rise as a biometric identification technique for verifying mobile payments, driven by applications like Apple's FaceID implementation.

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TALK TO US



AMD Keeps Building Momentum Through Q1

AMD reported 2021 first quarter revenue of \$3.45 billion, nearly doubling the \$1.78 billion it tallied a year ago in Q1 of 2020. On a sequential basis, revenue was up 6% from the immediately preceding quarter.

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Renesas to Pitch Fast Wireless Charging to 5G Mobile Platform

Renesas Electronics has unveiled a new 30W wireless charging receiver chip, which is designed to fit into Qualcomm's Snapdragon 5G Mobile Platform. Renesas said its P9412 enables Qualcomm to be the first to offer a fast 30W wireless charging option to 5G mobile handset designers.

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Future Horizons Ltd, • 44 Bethel Road • Sevenoaks • Kent TN13 3UE • England

Tel: +44 1732 740440 • Fax: +44 1732 740442

e-mail: mail@futurehorizons.com • <http://www.futurehorizons.com/>

Affiliates in Europe, India, Israel, Japan, Russian, San Jose California, USA

Schneider Electric Launches India's First Anti-Viral Switches

Schneider Electric has launched its self-disinfecting anti-viral and anti-bacterial switches under its Clipsal X product range. Meeting international standards of testing, the switches are powered by Silver Ion technology, which can kill over 99.9% of germs and self-disinfects itself. Available in two variants, these products have been conceptualized and manufactured in India as a part of Schneider Electric's commitments towards the making of an Atmanirbhar Bharat.

Switches are the most touched and used appliance at our homes and workplaces. As such, it makes them prone to be a major breeding ground for all sorts of viruses and germs. In the times we live in, there is a need for proper sterilization and disinfection of our surroundings, including switches. This is where Schneider Electric comes in with its new range of anti-viral switches.

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Foxconn, the largest assembler of iPhones for Apple, said that its MIH Alliance for EVs has in less than six months attracted more than 1,200 partner companies providing hardware and software. Together, the companies plan to launch an EV kit in October and a prototype electric bus in 2022.

Facial Recognition on the Rise to Verify Payments

Let's face it, facial recognition is on the rise as a biometric identification technique for verifying mobile payments, driven by applications like Apple's FaceID implementation.

But those who track the payment authentication sector say facial recognition will continue to lag current biometric techniques like fingerprint sensors until more robust hardware implementations hit the market.

The inflection point appears to be 2025, according to Jupiter Research, which forecasts software-based facial recognition technology will by then exceed 1.4 billion users. If accurate, that prediction represents a 120 percent increase over five years.

AMD Keeps Building Momentum Through Q1

AMD reported 2021 first quarter revenue of \$3.45 billion, nearly doubling the \$1.78 billion it tallied a year ago in Q1 of 2020. On a sequential basis, revenue was up 6% from the immediately preceding quarter. CEO Lisa Su said that demand remained strong across all market segments, driving sales of most of the company's product line, but especially its Ryzen CPU, Epyc processor, and Radeon GPU products.

Su said Ryzen, Radeon, and Epyc sales apparently grew faster than the market, which she said leads her to believe the company is gaining market share.

Should that be the case, the company most likely to be losing market share to AMD is Intel.

Su and CFO Devinder Kumar held court during the company's quarterly conference. In prepared comments and during in the subsequent Q&A session with analysts, the two execs were parsimonious with specific details but were optimistic about the market and AMD's prospects moving forward. Renesas to Pitch Fast Wireless Charging to 5G Mobile Platform

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Renesas' P9412 supports proprietary fast charging modes with authentication and 24kB multiple-time programmable (MTP) non-volatile memory.

In an interview with EE Times, Amit Bavisi, vice president and general manager of Renesas Wireless Power Group, said "The 5G revolution challenges mobile handset designers, since the technology is higher performance and enables broader and perhaps, more power-hungry user applications than its predecessors. As handset manufacturers increase their 5G device lineup while also expanding battery sizes and packing more and more features into these smartphones, wireless power design demands high-efficiency fast charging with a lower thermal footprint," said Bavisi.