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The Global Semiconductor Industry Analysts

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China Rout Spills To Debt

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Million Pound Investment

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Extended Battery Life

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TALK TO US



Cricket Semiconductor

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China Rout Spills Into Debt, Currency Markets

HONG KONG—Contagion from the plunge in Chinese stocks spread Wednesday in a sign investors within China and overseas are losing confidence in Beijing's ability to stem the slide in the country's equity markets and manage its economic reforms.

Shares listed on the country's main Shanghai market dropped 5.9%, deepening a slump that has seen the market fall by nearly a third since mid-June.

The gloom is no longer confined to stocks. The yield on China's benchmark government bonds rose sharply, while investors unloaded billions worth of dollar-denominated debt issued by Chinese companies. China's currency, the yuan, fell to a four-month low in offshore markets, while a global selloff in commodities continued, with oil down in early Asian trading and metals such as copper trading close to six-year lows.

Million Pound Investment Will See Tech Firm Grow Staff And Capitalise On New Revenue Opportunities

RICHMOND, North Yorks, England – 7 July 2015. Peratech Holdco Ltd., a Yorkshire-based firm leading the field in new touch-technologies has completed a £1million investment round which will see staff numbers grow in sales and engineering.

Peratech is a pioneer of its patented Quantum Tunnelling Composite® (QTC®) technology, which has the unique ability to measure small changes in force with a predictable change in conductivity, enabling companies to create the next generation in smart, pressure-based user experiences.

The new round of investment enables Peratech to accelerate and expand prototyping and other commercial services to its customers

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The latest investment was funded by existing shareholders, including Finance Yorkshire, in a move which Peratech believes is a vote of confidence in the firm's business model.

Samsung Extends Battery Life With Grapheme

Scientists from Samsung's Advanced Institute of Technology (SAIT), the company's R&D hub, developed an optimised lithium ion battery by using silicon and graphene, thus increasing its lifespan. Samsung representatives told EE Times that this method can potentially expand the volumetric energy density of Li-ion batteries by 1.8 times.

SAIT fabricated anode material by growing graphene on the surface of silicon without forming silicon carbide. The new material has four times the capacity of commercial graphite. The research was first detailed in the journal Nature Communications.

Cricket Semiconductor Plans To Build Analogue Fab In India

According to a report in the New Indian Express, Cricket Semiconductor has been in talks with state government of Telangana to build and operate a \$1 billion analogue and power semiconductor wafer fab in India. The report quoted KT Rama Rao, the state's minister of IT & communications as its source.

The talks come after Cricket Semiconductor had signed a memorandum of understanding with government of the state of Madhya Pradesh to work towards setting up an analogue fab in that state. Madhya Pradesh, capital Bhopal, is a few hundred miles north of Telangana, capital Hyderabad.

The existence of Cricket Semiconductor was first disclosed from the Indian Electronics & Semiconductor Association (IESA) in February 2015, which referenced the MoU signed with Madhya Pradesh. It also said that Madhya Pradesh had approved the Analogue Semiconductor Fabrication [FAB] Investment Policy, which covers support for any wafer fab investment in the state that exceeded \$500 million.