

## Awards

**Wipro ranked global leader in telecom R&D services**

Wipro Technologies has been ranked as the top telecom R&D services provider in an annual survey conducted by Zinnov Management Consulting. This recognition reiterates Wipro's focus on next-generation technologies such as 4G and LTE (Long Term Evolution). Wipro's software solutions for LTE small cell and evolved packet core technologies, along with integrated design services capability, help network equipment vendors to come out with custom products that meet the price-performance ratio of different markets.

**TTI wins EPCOS sales award**

TTI, Inc., the global distributor of passive, interconnect, relay and switch, and discrete components, has bagged an award from EPCOS AG, a manufacturer of electronic components, modules and systems, for outstanding sales performance in the fiscal year ending in March 2012. EPCOS is a subsidiary of TDK Corporation.

**Cisco Networking Academy wins award**

Cisco's Networking Academy (NetAcad) Programme has bagged the World Education Summit Award 2012 for the best innovation in global collaborative learning in the higher education space in India. The award was presented at a ceremony in New Delhi.

**MindTree among top 5 global R&D services providers**

MindTree has been named among the top five global R&D services providers, by Zinnov in its recently released rating across geographies such as India, China, Russia and Eastern Europe.

**Matrix product bags design award**

Matrix' time-attendance and access control product has been awarded the India Design Mark by the India Design Council. The India Design Council is affiliated with India's ministry of commerce and industry and is made up of eminent people from academia, design and industry organisations. The India Design Mark (I Mark) awards programme was conceptualised in collaboration with the Japan Institute of Design Promotion, organiser of Japan's Good Design Award (G Mark).

**Fairchild receives quality award from Huawei**

Fairchild Semiconductor has received the 2011 Quality Award from Huawei Technologies, China's largest networking and telecommunications equipment supplier. The key selection criteria was product quality, technical support and delivery time. Huawei executives singled out the Fairchild FAN5904 synchronous buck converter for GSM/GPRS/EDGE, 3G/3.5G and 4G power amplifiers as particularly noteworthy, citing its contribution to higher power efficiency and a longer battery operating time for mobile end-products.

mobile phones and entertainment services," said Amanda Sabia, principal research analyst at Gartner. "There are two product classes which in terms of absolute dollars are significantly smaller but offer tremendous growth by 2016. These are mobile apps stores and e-text content. We fully expect consumers to more than triple their spending in these latter two categories by 2016."

Mobile services are expected to generate 37 per cent of total worldwide consumer technology spending in 2012—that is \$0.8 trillion—which will rise to almost \$1 trillion by 2016.

Mobile phones will account for 10 per cent of the total spending.

**Apple, Samsung are top consumer and mobile MEMS buyers**

Apple and Samsung Electronics remained the two largest buyers of microelectromechanical systems (MEMS) devices for consumer and mobile applications in 2011, solidifying their command and expanding their influence over the market—according to an IHS iSuppli report.

The two companies accounted for a combined 37 per cent of the consumer

and mobile MEMS space, mainly on the strength of their smartphones and tablets using MEMS devices like accelerometers, gyroscopes, MEMS microphones and bulk acoustic wave filters. Apple, the top buyer, made MEMS purchases equivalent to \$499.8 million, or roughly 23 per cent, of the \$2.1-billion consumer and mobile MEMS market. Samsung, in second place, made purchases worth \$291.3 million, or 14 per cent.

"The dominance of Apple and Samsung is due to their successful smartphone and tablet offerings, which contrast dramatically with other top 10 buyers who do not share the same level of success in either product offering or both," said Jérémie Bouchaud, director and senior principal analyst for MEMS and sensors at IHS. "In the smartphone market, for instance, Apple's iPhone is a category killer, while Samsung's various smartphone models collectively enjoy massive share."

**Analogue manufacturing enters 300mm era**

The analogue IC market is a \$42-billion business, representing 14 per cent of the total semiconductor market. The market is fragmented, with over 90 companies participating either as integrated device manufacturers, foundry or fabless.

Revenues from analogue are heavily weighted to communications products, but several market growth drivers including automotive, energy, mobility and medical/healthcare are identified in a new report from Semico Research.

The analogue market is moving into the 300mm era. As the analogue industry moves to more complex products on smaller technology nodes, there will be an increase in 300mm production.

**Indian electronics industry to cross Rs 100 billion**

According to minister of state for defence M.M. Pallam Raju, the Indian electronics industry is projected to cross Rs 100 billion during the year 2012-13.

"Modernisation plans of the In-