

IBS reports positive customer feedback for Toshiba's ASIC and Foundry Services

Customers recognise strengths in design, manufacturing and speciality IP

Toshiba Electronics Europe's ASIC & Foundry Business Unit has received customer recognition for its system-on-chip (SoC) design and manufacturing support and availability of speciality IP, according to a new report from independent consultants, International Business Strategies (IBS).

The IBS 'Customer Inputs on IC Vendors' report confirms that customers recognise Toshiba as being 'active in implementing designs at 65nm, 90nm and 0.13µm, where the performance of Toshiba is strong in both design implementation and manufacturing support'. The report goes on to state: 'Customer inputs in Europe have also become increasingly positive on Toshiba, with indications that there is, again, an emphasis on the use of speciality IP and use of relatively mature process technologies'. The report adds that 'Toshiba is taking a cautious approach to its standard cell ASIC technology development and, consequently, is able to have cost-effective approaches for participation in segments of the standard cell ASIC market.'

As well as 65nm, 90nm and 0.13µm processes, Toshiba also offers 40nm solutions and is currently developing 32nm technologies. Custom SoC services include access to a comprehensive line-up of IP including mixed-signal and analogue blocks and embedded memories. Flexible development platforms speed turn-around-time (TAT) and reduce risk. Local engineering support and tools are available for European customers through Toshiba's ELDEC (European LSI Design & Engineering Centre) facility in Düsseldorf.

Discussing the customer inputs in the IBS report, Armin Derpmanns, the general manager for Toshiba's ASIC and Foundry Business Unit, states: "This is further evidence that the combination of processes, IP, services, development platforms, tools and local support encompassed by our IDM business model delivers real benefits to customers as they look to achieve SoC design objectives quickly and cost effectively. It encourages us to strengthen our product offering towards COT/Foundry

and related mixed business models to support customer requirements in the market.”

For more information on Toshiba’s ASIC and foundry services including the company’s range of mixed-signal IP technologies please visit: www.toshiba-components.com/ASIC

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About Toshiba

Toshiba Corporation is a leader in information and communications systems, electronic components, consumer products and power systems. The company's integration of these wide-ranging capabilities assures its position as an innovator in advanced components, products and systems. Toshiba operates a global network of more than 740 companies, with 198,000 employees worldwide and annual sales surpassing US\$76 billion.

Toshiba Electronics Europe (TEE) is the European Headquarters for the electronic components business of Toshiba Corporation, which is the world's fourth largest semiconductor vendor according to estimates by Dataquest.

Providing design, manufacturing, marketing and sales, TEE was formed in 1973 in Neuss, Germany. The company now has headquarters in Düsseldorf, Germany and subsidiaries in France, Italy, Spain, Sweden and the United Kingdom. Company president is Mr. Hitoshi Otsuka and the total number of personnel in Europe is around 400.

Toshiba Electronics Europe offers one of the industry's broadest IC and discrete product lines including high-end memory, microcontrollers, ASICs, ASSPs and display products for automotive, multimedia, consumer, telecoms and networking applications. The company also has a wide range of power semiconductor solutions.

For more company information visit Toshiba's web site at www.toshiba-components.com

Contact details for publication:

Toshiba Electronics Europe, Hansaallee 181, D-40549 Düsseldorf, Germany
Tel: +49 (0) 211 5296 0 Fax: +49 (0) 211 5296 792197
Web: <http://www.toshiba-components.com/pressoffice/index.asp>
E-mail: customsoc-internet@toshiba-components.com

Contact details for editorial enquiries:

Silke Daniels, Toshiba Electronics Europe
Tel: +49 (0) 211 5296 197
E-mail: sdaniels@tee.toshiba.de

Issued by:

Simon Flatt/Andrew Town, Pinnacle Marketing Communications Ltd, Prosperity House, Dawlish Drive, Pinner, Middlesex, HA5 5LN, UK
Tel: +44 (0) 20 8869 9229/9345 Fax: +44 (0) 20 8868 4373.
Web: www.pinnacle-marketing.com
E-mail: simon@pinnaclemarcom.com or andrew@pinnaclemarcom.com

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