



Quote sheet: Consortium member spokespersons comment on their companies' participation as founding members

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AMD

“SOI provides AMD (NYSE: AMD - News) with an ideal platform on which to build our wide range of high-performance, energy-efficient microprocessors. The unique balance of performance and reduced power consumption with SOI allows AMD to continue to be a leading innovator of x86 products.” -- Udo Nothelfer, Vice President, AMD Fab 36.

Press contact: Gary Silcott, gary.silcott@amd.com

ARM

“As a leader in processors and physical IP, ARM has always focused on providing the industry with the most power-efficient products. We believe SOI advances the industry in providing low-power applications, and ARM's involvement in the SOI Industry Consortium will help our customers accelerate their utilization.” -- Tom Lantzsch, Vice President of Marketing, ARM Physical IP.

Press contacts:

Nandita Geerdink, Text 100, 415-593-8457, naarm@text100.com

Claudia Natalia, ARM, 408-548-3172, claudia.natalia@arm.com,

Steve Taylor, ARM, +44 (0) 1223 406 025, steve.taylor@arm.com

Cadence

“Design technology is an important enabler for the SOI industry, and our products have been used for many successful SOI designs. As the leader in EDA and a member of the SOI Consortium, Cadence is looking forward to helping our customers produce the next generation of SOI designs and accelerating innovation in SOI industry.” -- Craig Johnson, Corporate Vice President, Marketing and Strategy, Cadence.

Press contact: Michael Fournell, 408-428-5135, fournell@cadence.com

CEA-LETI

“The CEA-LETI, home to the invention of Smart Cut(TM) technology and key SOI design innovations, leader in CMOS and RF research on advanced SOI substrates, naturally joins the SOI consortium and its world-leading companies, bringing its expertise over the full SOI value chain, to expand the footprint of this leading-edge technology.” -- Laurent Malier, CEO, CEA-LETI.

Press contact: Marie-Noelle Semeria, marie-noelle.semeria@cea.fr

Chartered

“The end-market requirements that drive our industry today are demanding new and innovative ways of managing power, performance and cost. SOI has been a catalyst for advances in the power/performance ratio for computing and gaming applications, and it has been a growth engine for Chartered's foundry business. As a founding member of this consortium, Chartered is seeking to expand the reach of the SOI value proposition into other market segments requiring similar innovation to solve the complex challenges of meeting end-market demand.” -- Kevin Meyer, Vice President of Industry Marketing & Platform Alliances Chartered Semiconductor Manufacturing Ltd.

Press contact: Tiffany Sparks, 408-941-1185, tiffanys@charteredsemi.com

Freescale Semiconductor

“Freescale has been a leading adopter of SOI technology for many years in our processor roadmap. The establishment of the SOI Consortium will help expand the adoption of this technology in broad-based applications to enable more end-users to benefit from the intrinsic value of the technology as a means to reduce power consumption while continuing to enhance crucial performance at the system level.”
-- Lisa Su, Senior Vice President, Chief Technology Officer, Freescale Semiconductor.

Press contact: Andrew North, 512-203-7169, andy.north@freescale.com

IBM

“IBM has a long standing commitment of sharing our technology to stimulate collaboration and develop open communities with industry leaders. SOI has been key to our systems leadership and we believe it could be a game changer in a broad set of applications. We have responded to client demand for SOI by bringing new OEM product offerings to market – first 45-nm ASICs and most recently 130-nm RF. We look forward to working closely with the SOI consortium to promote the broad adoption of SOI technology, leveraging its superior performance and power attributes.” -- Mark Ireland, VP for Semiconductor Platforms, IBM.

Press contact: Catherine Helzerman, GES Communications Manager, 408-677-9813, cahelzer@us.ibm.com

Innovative Silicon

"ISi is proud to be an inaugural member of the SOI Industry Consortium. SOI-based devices, such as our Z-RAM memory IP, are poised to deliver superior power, performance, density and cost advantages over bulk CMOS. This consortium's collection of industry leaders should enable extensive mainstream use of SOI design and technology in the near term." -- Jeff Lewis, Vice President Marketing, Innovative Silicon Inc.

Press contact: Rick Gaan, rgaan@z-ram.com

KLA-Tencor

"The rapid growth of SOI technology promises key performance and efficiency advantages for all kinds of semiconductor designs. We believe that this consortium will help us understand and solve the unique inspection and metrology challenges of SOI technology over the next several chip generations, with significant potential yield benefits for all chipmakers using or moving to SOI-based devices." -- Brian Trafas, Chief Marketing Officer, KLA-Tencor.

Press contact: Charlie Lewis, KLA-Tencor, Charles.Lewis@kla-tencor.com

Lam Research Corp

"SOI technology is important to our customers' ability to offer higher performance products. Lam joined the consortium to understand what challenges will come forth in the processing and integration of SOI wafers. This engagement enables Lam to continue its commitment to provide solutions to customers before the challenges arise in their wafer fabrication. Our SOI consortium participation engages us with the pioneers of SOI technology and keeps us abreast of all of the requirements for successful implementation of this leading edge capability." -- Richard Gottscho, Group Vice President & General Manager, Etch Businesses, Lam Research.

Press contact: Karen Hopkins, +1 650-572-5241

NXP

"As a founding father and long term user of SOI technology we are proud to further develop the technology and exploit new applications. The consortium provides the platform to promote and shape these new developments." -- Derek Wallace, Vice President & Chief Purchasing Officer, NXP Semiconductors.

Press contact: Lieke de Jong-Tops, lieke.de.jong-tops@nxp.com

Semico

"Semico is proud to be a founding member of the SOI Industry Consortium. We pride ourselves in identifying emerging and innovative technologies. Three years ago Semico identified SOI as a technology which would enable continued semiconductor advancements in both performance and low power applications. Today it has been adopted for several high volume applications. The outlook for the future is bright as additional applications that have been traditionally bulk CMOS are now evaluating SOI for their future generation designs." -- Jim Feldhan, President, Semico Research Corp.

Press contact: Jim Feldhan, jimf@semico.com

Soitec

“As an SOI pioneer, the launching of the SOI Industry Consortium is a thrilling moment. This consortium is driven by the needs of the end users, and as such covers the full value chain: from circuit design and substrate engineering to manufacturing, packaging, and system integration. At each step, we have seen how SOI increases performance and functionality and decreases power consumption and costs. Working together, sharing best practices and reaching out to the greater electronics community, we can bring these advantages to broad new markets for the benefit of one and all.” -- Andre-Jacques Auberton-Herve CEO and Chairman of the Board, The Soitec Group.

Press contact: Camille Darnaud-Dufour, + 33 6 79 49 51 43, camille.darnaud-dufour@soitec.fr

STMicroelectronics

“As a long-time proponent of silicon-on-insulator technology, STMicroelectronics is a strong supporter of the SOI consortium, which will be a platform for sharing experience and technical investigation of SOI benefits.” -- Mike Thompson, group Vice-President of Front-End Technology and Manufacturing, Advanced R&D - High Performance Logic & derivatives, STMicroelectronics.

Press contact: Michael Markowitz, 212-821-8959, michael.markowitz@st.com

Synopsys

“SOI is poised to be a significant player in addressing performance and power consumption issues. As a founding member of the SOI Consortium, Synopsys looks forward to helping to make SOI a reality for the mainstream by offering our expertise in electronic design and IP.” -- Rich Goldman, Vice President, Strategic Market Development, Synopsys, Inc.

Press contact: Yvette Huygen, 650-584-4547, yvetteh@synopsys.com

TSMC

“As the dedicated foundry leader, TSMC offers a full gamut of cost effective bulk silicon-based technology platforms to support our customers' broad product applications. In pursuit of higher device performance and lower power consumption, SOI is emerging as one of the niche technology options with trade-offs that the industry should evaluate. Being a founding member of the consortium, TSMC can bring the best practices in technology platform integration and volume manufacturing to support existing and potential SOI applications.” -- Fu-Chieh Hsu, Vice President, Design & Technology Platforms, TSMC.

Press contact: Chuck Byers, cbyers@tsmc.com

UMC

“We are proud to be a founding member of the SOI Industry Consortium. Joining this initiative will add momentum to the adoption of SOI as an attractive technology option to enhance performance and reduce power consumption for future generation SOCs. We look forward to the more widespread adoption of SOI as UMC's own silicon on insulator technology becomes available for chip designers.” -- Lee Chung, Vice President of Corporate Marketing, UMC.

Press contact: Richard Yu, Richard_Yu@umc.com