

MEMC

TECHNOLOGY IS BUILT ON US

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To SOI Consortium:

In light of the recent announcement by Intel of 22nm non-planar transistor structures using bulk silicon, it is now time to re-examine the alternatives. Clearly there is an alternative approach with fully depleted SOI (FD SOI).

MEMC has a fully developed SOI manufacturing facility with both 200 and 300mm wafer capability and has also been active in the development of 300mm FD SOI.

Large volume utilization is a key factor to achieve reduced pricing for FD SOI. MEMC has a facility that can be readily expanded to meet the industry needs for volume production. Plans have been developed to expand our FD SOI production to approximately 45,000 wafers per month. MEMC expansion plans will be coordinated with industry demand and appropriate commercial agreements.

MEMC is pleased to offer the industry an expanded supply of FD SOI wafers to encourage growth of FD SOI as a cost effective alternative to non-planar transistors on bulk wafers.

"For over 50 years MEMC has enabled technology transitions through engineered wafer solutions, and we are pleased to continue that tradition and enable SOI substrate solutions for both 200mm and 300mm," commented Dr. Shaker Sadasivam, President of MEMC Semiconductor Materials. "FDSOI offers very exciting capabilities and is a unique technology that enables Moore's law to continue to scale in a cost-effective manner for several generations."

Forward Looking Statements

This communication contains forward-looking statements, including those regarding the production plans of our SOI wafers. Forward-looking statements are not based on historical facts but instead reflect our expectations, estimates or projections concerning future results or events. Such statements involve certain risks and uncertainties that could cause actual results to differ materially from those in the forward-looking statements. Potential risks and uncertainties include market demand for our products and services; dependence on single and limited source suppliers; general economic conditions; customer acceptance of our new products; the impact of competitive products and technologies; inventory levels of our customers; supply chain difficulties or problems; interruption of production; outcome of pending and future litigation matters; good working order of our manufacturing facilities; our ability to reduce manufacturing and operating costs; assumptions underlying management's financial estimates; delays in capacity expansion and the restructuring of our manufacturing operations across different plants; actions by competitors, customers and suppliers; changes in product specifications and manufacturing processes; changes in financial market conditions; changes in foreign economic and political conditions; changes in technology; the impact of competitive products and technologies; changes in interest and currency exchange rates and other risks described in MEMC's filings with the Securities and Exchange Commission. These forward-looking statements represent MEMC's judgment as of the date of this press release. MEMC disclaims, however, any intent or obligation to update these forward-looking statements.