Silicon Wafer Revenues Decline in 2012

SEMI

SAN JOSE, Calif. — February 11, 2013 — Worldwide silicon wafer revenues declined by 12 percent in 2012 compared to 2011 according to the SEMI Silicon Manufacturers Group (SMG) in its year-end analysis of the silicon wafer industry. Worldwide silicon wafer area shipments declined 0.1 percent in 2012 when compared to 2011 area shipments.

Silicon wafer area shipments in 2012 totaled 9,031 million square inches (MSI), down from the 9,043 million square inches shipped during 2011. Revenues totaled $8.7 billion down from $9.9 billion posted in 2011. "Much like semiconductor unit shipments, semiconductor silicon shipments started out the year strong, however shipments weakened during the second half of the year," said Byungseop (Brad) Hong, chairman of SEMI SMG and director of Global Marketing at LG Siltron. "Despite challenges in the market, 300 mm volume shipments reached record levels."

Annual Silicon* Industry Trends

	2007	2008	2009	2010	2011	2012
Area Shipments (MSI)	8,661	8,137	6,707	9,370	9,043	9,031
Revenues ($B)	12.1	11.4	6.7	9.7	9.9	8.7

**Shipments are for semiconductor applications only and do not include solar applications*

Silicon wafers are the fundamental building material for semiconductors, which in turn, are vital components of virtually all electronics goods, including computers, telecommunications products, and consumer electronics. The highly engineered thin round disks are produced in various diameters (from one inch to 12 inches) and serve as the substrate material on which most semiconductor devices or "chips" are fabricated.

All data cited in this release is inclusive of polished silicon wafers, including virgin test wafers, epitaxial silicon wafers, and non-polished silicon wafers shipped by the wafer manufacturers to the end-users.

The Silicon Manufacturers Group acts as an independent special interest group within the SEMI structure and is open to SEMI members involved in manufacturing polycrystalline silicon, monocrystalline silicon or silicon wafers (e.g., as cut, polished, epi, etc.). The purpose of the group is to facilitate collective efforts on issues related to the silicon industry including the development of market information and statistics about the silicon industry and the semiconductor market.

About SEMI

SEMI is the global industry association serving the nano- and microelectronics manufacturing supply chains. Our 2,000 member companies are the engine of the future, enabling smarter, faster and more economical products that improve our lives. Since 1970, SEMI has been committed to helping members grow more profitably, create new markets and meet common industry challenges. SEMI maintains offices in Bangalore, Beijing, Berlin, Brussels, Grenoble, Hsinchu, Moscow, San Jose, Seoul, Shanghai, Singapore, Tokyo, and Washington, D.C. For more information on SEMI, visit www.semi.org [1].

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