

## Slight Decrease in First Quarter 2013 Silicon Wafer Shipments

SEMI

**SAN JOSE, Calif. — May 8, 2013** — Worldwide silicon wafer area shipments decreased during the first quarter 2013 when compared to fourth quarter 2012 area shipments according to the SEMI Silicon Manufacturers Group (SMG) in its quarterly analysis of the silicon wafer industry.

Total silicon wafer area shipments were 2,128 million square inches during the most recent quarter, a 1.6 percent decrease from the 2,162 million square inches shipped during the previous quarter. New quarterly total area shipments are 4.8 percent higher than first quarter 2012 shipments.

"Total silicon shipment volumes experienced typical first quarter weakness, although volumes are up relative to the same quarter last year" said Byungseop (Brad) Hong, chairman of SEMI SMG and director of Global Marketing at LG Siltron. "Given current expectations for modest growth for the semiconductor industry this year, we are hopeful that the silicon industry will follow suit."

### Quarterly Silicon Area Shipment Trends

#### Semiconductor Silicon Shipments\* - Millions of Square Inches

	Million of Square Inches		
	Q1 2012	Q4 2012	Q1 2013
<b>TOTAL</b>	2,033	2,162	2,128

*\*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

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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.

SEMI is the global industry association serving the nano- and microelectronics manufacturing supply chains. Our 1,900 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, visit [www.semi.org](http://www.semi.org) [1].

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[1] <http://www.semi.org/>