

OCTOBER 18, 2017

IC Insights Raises 2017 IC Market Forecast to +22%

Strong growth to be driven by a 74% surge in the DRAM market and 44% jump in the NAND flash market.

IC Insights is set to release its *October Update to The McClean Report*. The 30-page *Update* includes a detailed analysis of IC Insights' revised forecasts for the IC, O-S-D, and total semiconductor markets through 2021. Shown below is an excerpt from the *Update*.

IC Insights has raised its IC market growth rate forecast for 2017 to 22%, up six percentage points from the 16% increase shown in its *Mid-Year Update*. The IC unit volume shipment growth rate forecast has also been increased from 11% depicted in the *Mid-Year Update* to 14% currently. As shown below, a large portion of the market forecast revision is due to the surging DRAM and NAND flash markets.

In addition to increasing the IC market forecast for this year, IC Insights has also increased its forecast for the O-S-D (optoelectronics, sensor/actuator, and discretetes) market. In total, the semiconductor industry is now expected to register a 20% increase this year, up five percentage points from the 15% growth rate forecast in the *Mid-Year Update*.

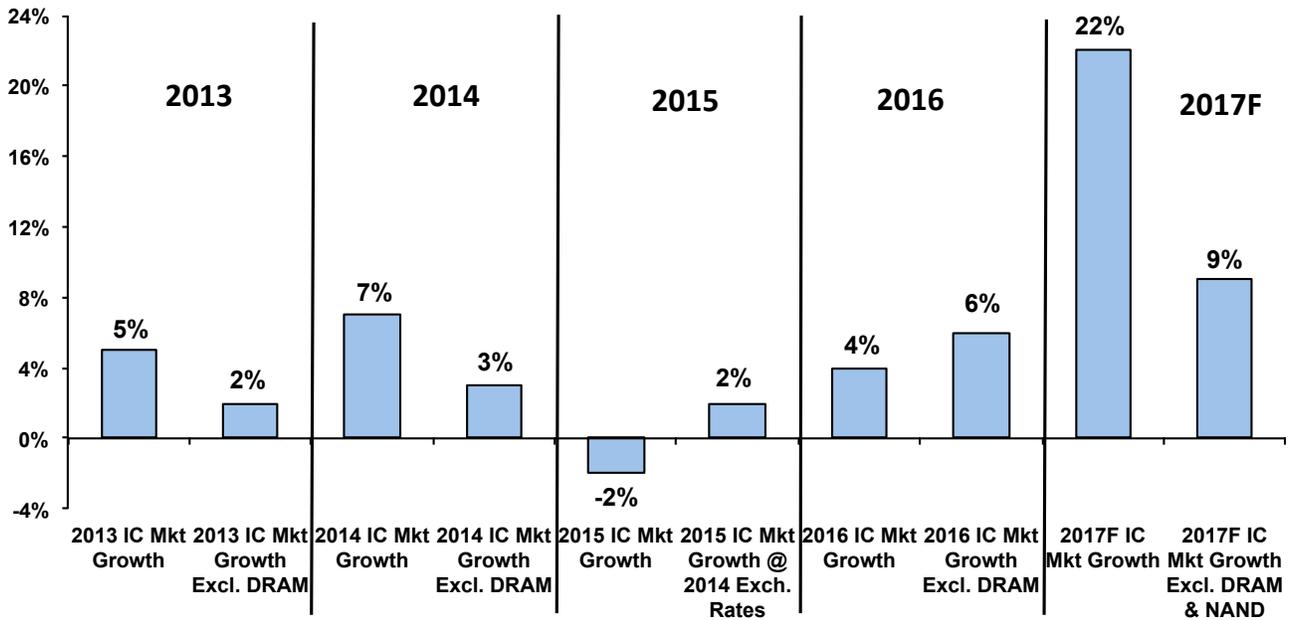
For 2017, IC Insights expects a whopping 77% increase in the DRAM ASP, which is forecast to propel the DRAM market to 74% growth this year, the largest growth rate since the 78% DRAM market increase in 1994. After including a 44% expected surge in the NAND flash market in 2017, including a 38% increase in NAND flash ASP this year, the total memory market is forecast to jump by 58% in 2017 with another 11% increase forecast for 2018.

At \$72.0 billion, the DRAM market is forecast to be by far the largest single product category in the semiconductor industry in 2017, exceeding the expected NAND flash market (\$49.8 billion) by \$22.2 billion this year. As shown in Figure 1, the DRAM and NAND flash segments are forecast to have a strong positive impact of 13 percentage points on total IC market growth this year. ***Excluding these memory segments, the IC industry is forecast to grow by 9%, less than half of the current total IC market growth rate forecast of 22% when including these memory markets.***

MORE INFORMATION CONTACT

Bill McClean
President
Phone: +1-480-348-1133
Email: bill@icinsights.com

Recent Major Impacts on Worldwide IC Market Growth (\$)



Source: IC Insights

Figure 1

Report Details: *The 2017 McClean Report*

Additional details on the IC market and other trends within the IC industry are provided in *The McClean Report—A Complete Analysis and Forecast of the Integrated Circuit Industry* (released in January 2017). A subscription to *The McClean Report* includes **free** monthly updates from March through November (including the *Mid-Year Update*), and **free** access to subscriber-only webinars throughout the year. An individual-user license to the 2017 edition of *The McClean Report* is priced at \$4,090 and includes an Internet access password. A multi-user worldwide corporate license is available for \$7,090.

To review additional information about IC Insights' new and existing market research products and services please visit our website: www.icinsights.com

About IC Insights

IC Insights, Inc., based in Scottsdale, Arizona USA, is dedicated to providing high-quality, cost-effective market research for the semiconductor industry. Founded in 1997, IC Insights offers coverage of global economic trends, the semiconductor market forecast, capital spending and fab capacity trends, product market details, and technology trends, as well as complete IC company profiles and evaluations of end-use applications driving demand for ICs.

Web Site: www.icinsights.com • **Phone:** +1-480-348-1133 • **E-mail:** info@icinsights.com