

RESEARCH BULLETIN

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2022 Semiconductor Sales to Grow 11% After Surging 25% in 2021

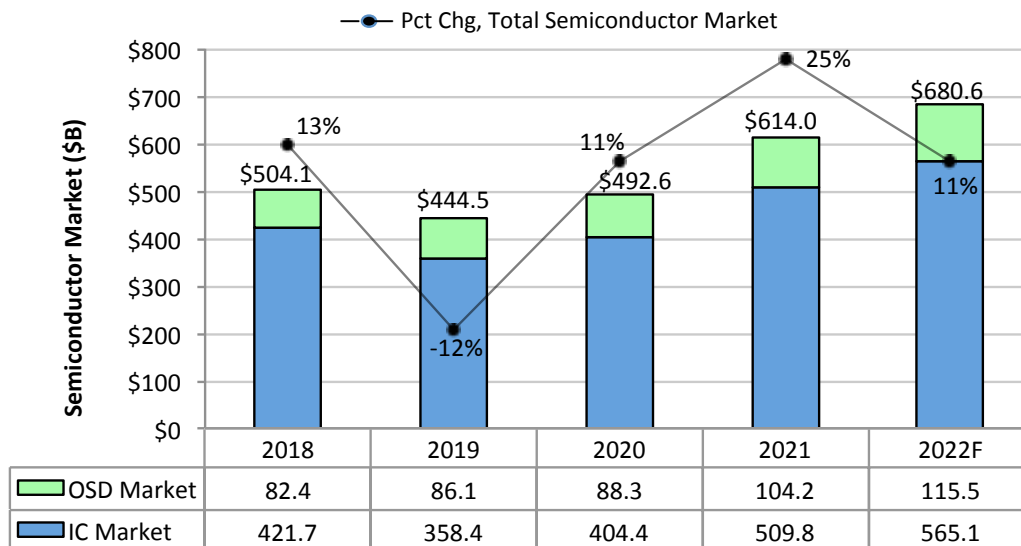
Above average increases are expected in all major product categories, which will lift the global market to record-high revenues in 2022 despite growth rates easing from last year's economic rebound, says report.

Total semiconductor sales in 2022 are forecast to grow 11% and reach a record-high \$680.6 billion after worldwide revenues climbed 25% in the 2021 economic rebound from the 2020 outbreak of the Covid-19 virus crisis, according to the January *Semiconductor Industry Flash Report* that IC Insights will release next week as part of its 2022 *McClean Report* service. The *Semiconductor Industry Flash Report* shows the total semiconductor market growing at a low double-digit rate in 2022 (Figure 1). Sales growth is expected to slow, but remain above average, in all major semiconductor product categories.

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Worldwide Semiconductor Sales Growth



Source: IC Insights

Figure 1

Worldwide integrated circuit revenues are expected to rise 11% in 2022 to an all-time high of \$565.1 billion and the rest of the semiconductor market—consisting of optoelectronics, sensors/actuators, and discretes (collectively, O-S-D devices)—is also projected to grow 11% this year to a record-high \$115.5

billion, based on IC Insights' forecast in the January *Semiconductor Industry Flash Report*, included with *The McClean Report* service.

In the 2021 economic turnaround, unit shipments of many widely used semiconductor products could not keep up with increasing demand from system and equipment manufacturers—including carmakers—that struggled to keep up with recoveries in their own markets. Unit purchases of ICs climbed 22% while shipments of O-S-D devices increased 20%, according to *The McClean Report* service's January *Semiconductor Industry Flash Report*. Those were amazing gains considering that over the past 10 years, IC shipments have increased by a compound average growth rate (CAGR) of 7.4% and O-S-D units have increased by a CAGR of 4.7%. The new *McClean Report 2022* forecasts that more than 1.3 trillion semiconductor devices—about 432.0 billion ICs and 889.3 billion O-S-D devices—are expected to ship in 2022, an increase of 10% for both segments.

IC Insights has updated its comprehensive forecast and analysis of the worldwide semiconductor industry for its 25th edition of *The McClean Report*. This month, *The McClean Report* service releases its first *January Semiconductor Industry Flash Report*, which will be followed throughout 2022 by major quarterly updates providing refreshed five-year forecasts for all IC and O-S-D product categories (sales, unit shipments and average selling prices), assessments of GDP and the global economic conditions impacting chip markets, and analysis of industry capital spending. Quarterly updates in February, May, August, and November will also provide quarterly sales rankings of top semiconductor suppliers as well as dive into major industry trends, such as IC wafer foundry expansion, R&D spending, mergers and acquisitions, regional market growth, and analysis of IC revenue by end-use categories.

Report Details: *The 2022 McClean Report*

The 2022 edition of *The McClean Report—A Complete Analysis and Forecast of the Semiconductor Industry*, will be released in January 2022. A subscription to *The McClean Report* service includes the *January Semiconductor Industry Flash Report*, which provides clients with IC Insights' initial overview and forecast of the semiconductor industry for this year through 2026. In addition to the *January Semiconductor Industry Flash Report*, *Quarterly Updates* to the report will be released in February, May, August, and November of this year. An individual user license to the 2022 edition of *The McClean Report* is available for \$5,390 and a multi-user worldwide corporate license is available for \$8,590. The Internet access password and the information accessible to download will be available through November 2022.

<https://www.icinsights.com/services/mcclean-report/pricing-order-forms/>

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