

2010 Wireless Semiconductors

Semiconductor Applications Service



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Abstract

Databeans separates the general communications segment into wired and wireless sectors. When separated from wired, wireless is the second largest semiconductor segment by revenue behind the computer market with \$59.9 billion projected for 2010. This is also the strongest growing market overall, with a compound annual growth rate (CAGR) of 11 percent projected over the next five years reaching \$101 billion by 2015.

Supplier competition in the wireless semiconductor market is intense with many companies developing exclusively for specific original equipment manufacturers (OEMs) and smaller firms receiving major design wins all of the time. The leaders in sales for this market are suppliers like Qualcomm, which specifically produces products for the wireless industry. Also included are large exclusive semiconductor manufacturers such as Texas Instruments and STMicroelectronics who also produce chips for consumer, industrial, computer, and other markets in addition to wireless ICs.

Databeans divides these semiconductors into two distinct groupings. The first includes all general purpose or multi-market semiconductors that are designed using a “standard cell” approach and can be found in numerous markets and products outside of the wireless industry. This is currently the larger of the two segments with \$33.1 billion in projected 2010 revenue and strong average annual growth of 14 percent over the forecasted period. Growth here will continue to exceed the specialized side of this market, due to the greater integration of components and increased manufacturing efficiencies seen with those products destined for wireless applications exclusively.

Wireless specific semiconductor products include wireless discretely (RF small signal transistors, RF power transistors, and RF diodes), RF analog (power amplifiers, transceivers, and low noise amplifiers), digital baseband products, and special purpose wireless microcontrollers. In 2010 the wireless specific IC segment will reach \$26.8 billion in global revenue and will continue to grow at an average rate of 8 percent annually over the next five years. While this segment will not grow as quickly as multi-market, it will continue to provide suppliers with a variety of new growth opportunities.

This study is available through individual report purchase for **\$3,500.00 USD**, or available at a discounted rate through our **Total Technology Service**, our **Communications Markets Service**, and the **Semiconductor Applications Service**. For our subscription service subscribers, all of our research is backed by a coverage guarantee meaning if you purchase a report and need additional information, our analysts are available to continue the analysis, customized to your organization’s needs.

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