

2009 Logic

Logic Markets – Worldwide



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Abstract

Logic includes a number of disparate ICs that perform any number of pre-programmed or field programmable functions in all major market segments, including consumer, computer, industrial, automotive, and both wired and wireless communications. Databeans estimates this market will reach \$63.2 billion in 2009.

Databeans separates the entire logic segment into segments including standard logic components, including general purpose, PLDs, and gate arrays, the displays segment, and also market specific categories such as automotive, computers, consumer, industrial, and communications, including wireless and wired segments. Computer and wireless represent the two largest segments and combined account for half of the total market and much of the projected short term growth. Despite this, other segments such as PLDs, display logic, and consumer logic will experience market potential as well.

The market for logic in 2009 is expected to drop by 15 percent in terms of revenue. The drop in revenue is due to the worldwide economic recession where global demand for electronics is down, but is currently experiencing a slight improvement. Long term forecasts for worldwide logic revenue illustrate a growing market for the devices used in all five market segments. In 2010, we expect the market to return close to previous levels reached in 2008 and continuing to grow at a compound annual growth rate of 10 percent annually each year.

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