

2009 Semiconductors in Test and Measurement Applications

Industrial Semiconductor Markets – Worldwide



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Abstract

Although the test and measurement equipment market is currently in a downturn, clearly there are future opportunities for semiconductors growth, with emerging technologies in ATE, and in telecommunications products and infrastructure, as test equipment providers are forced to keep the high pace set by today's electronics development.

Industrial semiconductors will likely generate over \$26 billion in global revenue for 2009. The largest industrial semiconductor segment is test and measurement, with an estimated 22 percent share of the market. Other segments within the industrial semiconductor market are: Process Control (20 percent), Medical (11 percent), and Military/Aerospace (9 percent). Products not specific to any of the aforementioned segments constitute about 39 percent of the market.

The test and measurement market tends to represent a boom/bust model, meaning that there are years of tremendous growth, followed by a downturn, as spending on capital equipment in the semiconductor industry tends to happen by most suppliers at the same time.

Databeans anticipates 17 percent revenue growth for next year, as test equipment semiconductors are heading into higher growth relative to this year. Revenue is expected to exceed \$6.6 billion, and then will likely grow to a value of about \$9.1 billion within the next five years, assuming a growth rate of 10 percent on average for the forecast period.

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