

2009 LEDs

Optoelectronics, Sensors, Discretes, MEMS Markets – Worldwide



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Abstract

The LED market represents the most attractive growth opportunity for optoelectronics suppliers, because of all the government-led initiatives toward improved energy conservation in both the commercial and residential sectors, the increased demand for larger and more efficient displays for use in handsets, notebook PCs, and televisions, and the rise in new applications coming out of the industrial and automotive segments.

In the recent past, LEDs were often too expensive for most lighting applications. However lower ASPs and production costs have plummeted in the past few years, making them much more cost-effective for a wide variety of applications, including solid state commercial and residential lighting, notebook PCs, handsets, digital cameras, LCD televisions, industrial process control, and automotive.

The LED market is valued at \$5.3 billion for this year. It constitutes a 31 percent share of the total optoelectronics components market, trailing only the larger image sensors segment in revenue. Over the next five years, LED market revenue increases will substantially exceed the growth observed in both optoelectronics and in the semiconductor market overall.

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