

2010 LEDs

Optoelectronics, Sensors, Discretes, MEMS Service



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Abstract

LEDs make up the majority of the optoelectronics market and will continue to rapidly outpace the rest of the market, thanks consumption in a variety of new applications and manufacturing techniques which are quickly driving down selling prices.

In 2010 Optoelectronics will represent the fifth largest semiconductor market in worldwide sales with \$20.6 billion in projected total revenue. Over the next five years this segment will experience the fastest growth of any IC segment with revenue CAGR at 12 percent and unit shipments CAGR at 18 percent projected over the forecasted period.

The main growth potential in this market lies primarily from energy efficient LEDs and OLEDs that are now often used for backlighting electronics displays in many high volume consumer, computer, and communications markets. What's more, many of these lamps are reaching the point where they can be used for commercial and residential lighting. Databeans expects that LEDs will see average growth rates of 20 percent annually, reaching \$17.4 billion by 2015.

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