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Industrial Semiconductors - Worldwide

Industrial Markets

INDUSTRIAL SEMICONDUCTORS - WORLDWIDE

Industrial Markets

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Table of Contents

Significant Findings.....	1
Introduction to the Industrial Market.....	1
Industrial Semiconductor Market.....	2
Regional Markets.....	5
Economic Outlook.....	5
Americas.....	6
Europe.....	8
Japan.....	10
Asia Pacific.....	11
Semiconductor Products used in Industrial Markets.....	14
Product Segmentation.....	14
Discretes.....	16
Analog.....	17
Sensors.....	20
Microcontrollers.....	22
DSP.....	23
Memory.....	24
Logic.....	26
Optoelectronics.....	27
Application Consumption Analysis.....	30
Test and Measurement.....	30
Medical Electronics.....	33
Controls and Automation.....	38
Military Electronics.....	41
Aerospace.....	43
Methodology.....	46

Table of Tables

Table 1: Global Industrial Semiconductor Market Forecast (Revenue, Units, and ASP).....	4
Table 2: Global Industrial Semiconductor Revenue Forecast by Region.....	13
Table 3: Global Industrial Analog Revenue Forecast by Product.....	18
Table 4: Global Industrial Semiconductor Revenue Forecast by Product	29
Table 5: Global Shipment Forecast for Test and Measurement Equipment.....	32
Table 6: Global Shipment Forecast for Medical Electronics by Product	37
Table 7: Global Shipment Forecast for Controls and Automation Equipment.....	40
Table 8: Global Industrial Semiconductor Revenue Forecast by Application Area	44

Table of Figures

Figure 1: Historical Semiconductor Revenue Growth and US Industrial Production.....	3
Figure 2: 2003 Global Industrial Semiconductor Market Share by Product.....	4
Figure 3: US Production of Industrial Machinery – Millions of USD	8
Figure 4: US Production of Electromedical Equipment and Instruments	9
Figure 5: Global Industrial Semiconductor Revenue Share by Region 2003 and 2009.....	13
Figure 6: Global Industrial Semiconductor Revenue Share by Product – 2003 and 2009.....	15
Figure 7: Global Revenue Forecast for the Complete Signal Chain in Industrial Applications	15
Figure 8: Global Industrial Discrete Semiconductor Revenue Forecast	16
Figure 9: 2003 Global Industrial Analog Revenue by Product.....	18
Figure 10: Global Industrial Sensor Revenue Forecast.....	21
Figure 11: Global Industrial Microcontroller Revenue Forecast.....	23
Figure 12: Global Industrial DSP Revenue Forecast.....	24
Figure 13: Global Industrial Memory Revenue Forecast.....	25
Figure 14: 2003 Global Industrial Applications Specific Revenue by Product.....	26
Figure 15: Global Industrial Logic Revenue Forecast.....	27
Figure 16: Global Industrial Optoelectronics Revenue Forecast	28
Figure 17: Semiconductor Bill of Materials Estimate for a Wafer Inspection Machine	31
Figure 18: Global Semiconductor Revenue Forecast - Test and Measurement Segment	32
Figure 19: Semiconductor Bill of Materials Estimate for a Blood Glucose Monitor	35
Figure 20: Semiconductor Bill of Materials Estimate for Ultrasound Imaging.....	35
Figure 21: Semiconductor Bill of Materials Estimate for Defibrillator	36
Figure 22: Semiconductor Bill of Materials Estimate for Pacemaker.....	36
Figure 23: Global Semiconductor Revenue Forecast - Medical Segment.....	38
Figure 24: Semiconductor Bill of Materials Estimate for Automated Meter Reading.....	39
Figure 25: Semiconductor Bill of Materials Estimate for HVAC Control Panel.....	40
Figure 26: Global Semiconductor Revenue Forecast – Controls and Automation.....	41
Figure 27: Global Semiconductor Revenue Forecast – Military.....	42
Figure 28: Global Semiconductor Revenue Forecast – Aerospace.....	44

Abstract

Generally the industrial market maintains steady and predictable growth. Application areas included in the industrial market segment are medical electronics, test equipment, process control, military electronics, and aerospace.

Industrial applications are the most diverse out of the five major market segments: computer, communications, automotive, consumer and industrial. Applications included in this segment consist of everything from very high end medical imaging equipment down to the simplest data acquisition system, that may only include a thyristor for surge protection.

This report examines the opportunity for semiconductors used in industrial equipment. Forecasts are presented for products by region, and by application area. Data presented in the report is a compilation of information collected from design engineers in the field of ATE, instrumentation, medical electronics, military electronics, and the aerospace industry. Engineers were asked to provide a bill of materials for semiconductors used in their application. Global shipment volumes were also collected and a model was created to estimate revenue for discretely, analog (including subcategories), sensors, optoelectronics, microcontrollers, microprocessors, DSP, memory and application specific logic.