



Electronic Components

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■ Electronics Devices ■

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Global Stretchable Electronics Market By Component (Electroactive Polymers, Stretchable Conductors, Stretchable Batteries, Stretchable Circuits & Photovoltaics), By Application, By Region, Competition Forecast & Opportunities, 2017 - 2023

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According to "Global Stretchable Electronics Market By Component, By Application, By Region, Competition Forecast & Opportunities, 2017 - 2023", stretchable electronics market is forecast to grow at a staggering CAGR of over 80% by 2023, owing to increasing research & development activities in the field of stretchable electronics. Moreover, increasing investments in the development of touch sensitive e-skin and organic stretchable photovoltaic cells, surging Internet of Things (IoT) ecosystem and rising presence of stretchable electronics start-ups are expected to fuel the stretchable electronics market across the globe. Growing consumer electronics and smart wearable markets, rising need for conformal healthcare devices for effective health monitoring, and availability of stretchable conductive inks are some of the other factors that would aid the market during the forecast period. Some of the major players operating in the global stretchable electronics market are MC10 Inc., StretchSense Limited., tacterion GmbH, E. I. du Pont de Nemours and Company, FINELINE Ltd., Wise Srl, Bainisha cvba, Express Circuits Group Ltd, IMEC VZW and LEAP Technology ApS, etc.

Radar Manufacturing: Global Markets to 2022

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The global radar manufacturing market should reach \$35.7 billion by 2022 from \$27.5 billion in 2017 at a compound annual growth rate (CAGR) of 5.3%, from 2017 to 2022.

Report Includes

- 98 data tables.
- An overview of the global markets for radar manufacturing
- Analyses of global market trends, with data from 2013-2017, and projections of compound annual growth rates (CAGRs) through 2022
- Coverage of integration of LIDAR (Light detection and ranging) sensors in automotive radars
- Insight into Increasing Demand of Active Electronically Scanned Array (AESA)
- Overview of multifunctional radio frequency systems used in radars
- Detailed company profiles of the major players in the market, including Leonardo S.p.A, Lockheed Martin Corp., Northrop Grumman Corporation, Raytheon Corporation and Thales

Report Scope

This research report categorizes the radar manufacturing market by type. Product type include civil radars and military radars.

Permanent Magnet Motor Market by Type (PMAC, PMDC, and Brushless DC), Power Rating (Up to 25 kW, 25-100 kW, 100-300 kW, and 300 kW & Above), End-User (Industrial, Commercial & Residential, and Healthcare), and Region - Global Forecast to 2023

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The permanent magnet motor market is projected to reach USD 45.13 billion by 2023, from an estimated USD 29.50 billion in 2018, at a CAGR of 8.87%, during the forecast period. The increasing demand for energy-efficient & low-cost maintenance motors have boosted the demand for permanent magnet motors. Also, the increasing implementation of permanent magnet motors across industries would further aid the growth of this market. High initial cost of permanent magnet motors would act as a restraint for the permanent magnet motor market.

"The up to 25 kW segment is expected to grow at the highest CAGR, from 2018 to 2023."

The up to 25 kW segment is expected to be the fastest-growing permanent magnet motor market, by power rating, from 2018 to 2023. It is considered to be the ideal power range for permanent magnet motors. These motors are used in various application areas such as textile, pulp & paper, medical devices, aerospace, robotics, window shutters, air conditioners, door shutters, and electrical vehicles. Application-based demand is high for this particular power range, resulting in the higher market share of up to 25 kW permanent magnet motors. The demand for up to 25 kW permanent magnet motors is also driven by the increasing demand for energy-efficient motors in developing countries such as India, China, and Japan.

The European Market for Lighting Fixtures - Part I

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The report provides a breakdown of lighting fixtures market in 17 Western European countries by segment (Consumer and Professional lighting fixtures market), by products and applications and by light source (LED, OLED and traditional sources).

Countries covered:

Austria, Belgium-Luxembourg, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, United Kingdom.

Sales data and market shares for over 100 European and International players operating in this area and country data updated to 2017. Activity trend, international trade, product trends: 2012-2017. Macroeconomic forecasts up to 2019.

Data on consumer/residential lighting are broken down by style (traditional, modern, design), while data on architectural/commercial lighting are broken down by kind of product (downlights/recessed lighting, tubes/systems/tracks, linear lighting/strips, high bays, floor and table lamps, chandeliers for commercial spaces, projectors/spotlights, wall washers, LED panels) and application (hospitality, office, retail, art and museums, entertainment, schools and infrastructures).

GLOBAL AUTOMOTIVE SEMICONDUCTOR MARKET FORECAST 2018-2026

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The Global Automotive semiconductor market is presumed to reach a worth of \$ xx million by the year 2026, rising at a CAGR of 6.45% for the forecast period of 2018-2026. The consistent growth of the market can be attributed to various factors such as growing safety and security needs, growing demand from emerging economies, high production volumes of automobiles, growing demand for safety, convenience, and comfort systems and a rising trend of vehicle electrification.

MARKET INSIGHTS

The Global Automotive semiconductor market is segmented on the basis of the component, vehicle type, and fuel type. The components segment can be further classified into analog IC, processors, discrete power devices, memory devices, and sensors, lighting devices. Analog IC market holds the biggest share in terms of components. The vehicle type segment is further classified into passenger cars, HCVs and LCVs. At present, the passenger cars are the most popular vehicle type in the market. The fuel type segment is further divided into diesel, gasoline, and electric/hybrid, with the electric/hybrid fuel type exhibiting the fastest growth.

Fiber Optic Component Attenuators Global Market Forecast & Analysis 2017-2023

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This is the ElectroniCast worldwide market forecast of the estimated consumption of component-level fiber optic attenuators in communication applications. The optical attenuators, which are covered in this study, are components used to control (reduce) the power level of an optical signal used in optical fiber communication networks. Fiber optic attenuators are an important part of the optical communication link by allowing the adjustment of signal transmission into the dynamic range of the receiver. Either a fixed or variable attenuator is generally positioned before a receiver to adjust optical power that otherwise might fluctuate above an extreme range of the receiver's design, causing it to generate errors.

Fixed-type (not adjustable) fiber optic attenuators refer to the attenuator that can reduce the power of fiber light at a fixed value loss, for example, 5dB. While variable fiber optic attenuators refer to the attenuator that can generate an adjustable Loss to the fiber optic link. Fiber optic attenuators can be designed to use with various kinds of fiber optic connectors. The attenuators can be female-to-female, which are referred to as bulkhead- types; or male-to-female, which are referred to as plug-types. In-Line fiber optic attenuators are designed with a piece of fiber optic cable at any length and/or connectors.

2018 Distributed and Single Point Fiber Optic Sensing Systems Forecast

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The distributed fiber optic sensor market report has been expanded to cover single point sensors and extended to 2022. The distributed fiber optic sensor market stood at \$651 million in 2014 with 49% associated the oil and gas market segment. The overall market contracted through 2016 due to the fall in oil prices. Modest recovery is projected in 2018. By 2022, the forecast shows the oil and gas market segment will increase in value, but due to growth in other segments, it will decrease to 19% of the distributed fiber optic sensor market.

The total distributed fiber optic sensor market that was projected (January 2017) to be \$1,008 million in 2021 is now projected to be \$910 million in 2021 reaching \$1,037 million in 2022.

The point sensor market is dominated by the fiber optic gyroscope market segment which is very depend upon government spending. From 2013-2015 reductions in government spending impacted the market. As fiber optic sensors become more cost effective and technology advances, the industrial and medical markets will expand for point fiber optic sensors. The combined distributed and single point fiber optic sensor markets are projected to be over \$1.3 billion in 2022 according to an updated and expanded market survey report conducted by the Photonic Sensor Consortium and published by Information Gatekeepers.

Safety Switch Market by Product (Contact Switch and Non-Contact Switch), Safety System (ESD, HIPPS, BMS, Fire & Gas Monitoring Systems, and Turbomachinery Control Systems), Vertical (Oil & Gas, Chemical), and Region - Global Forecast to 2023

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The safety switch market is expected to grow at a CAGR of 4.5% between 2018 and 2023, reaching from USD 1.24 billion in 2018 to USD 1.55 billion by 2023. The key factors driving the growth of the safety switch market are the development strategies implemented by the players operating in the safety switch market, such as agreements, product launches and developments, partnerships, collaborations, and mergers & acquisitions; growing adoption of automation in hazardous industrial areas; increasing government intervention for equipment and personnel safety in industries; and rising demand for non-contact door switches to improve the stability of doors and guards. The major restraining factor for the growth of this market is the high investment required for automation implementation and maintenance of equipment in hazardous environments.

Global Intelligent Lighting Controls Market: Focus on Component Types (Sensors, Ballasts and Drivers, Switches and Dimmers, Others) by Connection Types, by Light Source and by Applications - Analysis and Forecast 2018-2024

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The evolution of smart technology has considerably changed the overall lighting industry in terms of energy and money saving, and improved the safety and convenience of the users. With the arrival of smart technologies in the lighting industry, various gateways have been opened for the companies of several industry verticals, such as control systems, dimmers, and software based solutions and sensors. The scenario of lighting industry has been completely transformed with the establishment of modern technologies in it. The future global economy is anticipated to consume more energy resources in the longer run, especially with the growing energy demand from the developing countries such as China and India. Lighting segment usually consumes majority of the electricity in a commercial building, and draws substantial energy levels for a private residence. Intelligent lighting controls continue to propel the lighting industry towards growth with increasing revenue at a global level. Intelligent lighting controls witnessed significant increase in the adoption rate for the usage in various applications due to innumerable advantages offered by the technology.

Structural Electronics 2018-2028: Applications, Technologies, Forecasts

Published by IDTechEx Ltd.

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USD 6295 PDF Download (6-10 Users) and 1 Hardcopy

www.giiresearch.com/ce/311711

Structural electronics (SE) is one of the most important technological developments of this century. It forms a key part of the dream, formulated decades ago, of computing disappearing into the fabric of society. It also addresses, in a particularly elegant manner, the dream of Edison in 1880 that electricity should be made where it is needed. SE is often biomimetic - it usefully imitates nature in ways not previously feasible. It is a rapidly growing multi-billion dollar business.

Structural electronics involves electronic and/or electrical components and circuits that act as load-bearing, protective structures, replacing dumb structures such as vehicle bodies or conformally placed upon them. It is of huge interest to the aerospace industry which is usually the first adopter, the automotive industry and in civil engineering both with compelling needs but its reach is much broader even than this. Electric cars badly need longer range and more space for the money and, in civil engineering, corrosion of reinforced concrete structures and tighter requirements for all structures, including early warning of problems, are among the market drivers for structural electronics.

LiDAR for Automotive Patent Landscape

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The automotive sector is changing. After being crippled by the 2008 financial crisis, it has risen from the ashes and commenced its own revolution. Indeed, for more than 4 years years the automotive industry has been discussing new mobility solutions based on autonomous vehicles, shared mobility, connectivity, and electrification. Among these four axes, autonomous vehicles (i.e. driverless vehicles and robotic vehicles) is the most disruptive technology. Indeed, with self-driving vehicles the road will be safer, the journey more comfortable, and traffic jams minimized. To achieve this goal, the industry is rapidly evolving. Driver assistance systems (ADAS) are today well-integrated, with partial automated driving already available and self-driving cars being tested in real-world environments. However, along with the trend towards self-driving come new technical challenges with regard to surround sensors, actuators, and the vehicle's electrical/electronic architecture.

Fiber Optic Connector and Cable Assembly Market 2017-2022

Published by Bishop & Associates, Inc.

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Important in nearly every aspect of the connector industry, fiber optic technologies are playing an increasingly key role in the future growth of the connector industry.

- Which fiber optic connector and assembly types currently dominate the market? Will this change in the next five years?
- Which fiber optic connector types will exhibit strongest growth over the next five-years? What fiber optic connector types will show the least growth?
- What applications are driving the growth of fiber optic connectors and assemblies?
- In which market sector are fiber optic connectors and assemblies most prevalent? Will this change over the next five-years? What types of applications within this sector are driving this growth?
- Which suppliers are best aligned to address this growing market?

Bishop & Associates newest research report, 'Fiber Optic Connector and Cable Assembly Market 2017-2022', provides answers to these questions and others. A product type that is finding application in every market sector, fiber optic connectors are forecasted to be one of the strongest growing connector types over the next five-years.

Research Report on China Integrated Circuit Industry, 2018-2022

Published by China Research and Intelligence

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The Chinese government strongly supports the integrated circuit industry, which is the foundation and core of the information industry. The central government and a number of local governments have issued encouraging policies to foster the industry in fiscal revenue and infrastructure. As the strategy of Made in China 2025 is carried out, the transformation and upgrading of the industry is accelerating, which drives the demand for integrated circuits. It is expected that in the coming years, the Chinese government will continue to intensify the support for the IC industry.

In 2017, the sales value of local IC companies reached approximately USD 80.15 billion, representing an increase of more than 20% YOY. Among it, that of the IC manufacturing industry reached about USD 21.55 billion, and that of the design industry and the packaging and testing industry were respectively USD 30.71 billion and USD 27.99 billion.

2018 UV LED Application Market - Curing, Medical and Sterilization

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UV LED products consistently develop in various applications, plus the Minamata Convention on Mercury and energy saving policy, LEDinside forecasted that UV LED market scale will raise from USD 288 million in 2017 to USD 526 million in 2020, CAGR of 2015-2020 is highly at 34%.

Observed from application development, UV-A LED are mainly for curing market. Amongst those, high irradiance request in sheet-fed offset and high uniformity request in exposure machine are emerging, as well as special curing market.

Benefited from improved UV-C LED technology, more and more manufacturers showcase UV-C LED products in 2017. According to market survey, flow style of water purification is needed timing to be mature. However, consumer product, air purification, and air condition, and static water sterilization will boom first.

According to LEDinside survey, in 2016, UV LED manufacturers revenue majorly came from UV-A LED business, some manufacturers stepped in curing module market to contribute company revenue. Observed from UV LED package revenue, the top five players were Japanese and Korean players, Nichia ranked the first, followed by Nitride Semiconductors, Seoul Viosys, LG Innotek, and USHIO / Epitex.

Fiber Optic Connector & Mechanical Splice Global Market Forecast & Analysis 2017-2027

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www.giiresearch.com/ce/245784

This is the ElectroniCast forecast of global consumption and technology trends of fiber optic connectors and mechanical splices. We believe clients will find this report useful for planning of product and market development.

Historical estimated data are presented for 2017, plus the year-by-year forecast through 2027.

This analysis and forecast and of America, EMEA and APAC regional consumption is presented for each significant fiber optic connector and mechanical splice used in selected communication applications. The forecast for each connector type, in turn, is segmented into each geographical region.

The information is presented in easy-to-follow illustrations and text. The reasons for the forecast trends are discussed. A global summary also is provided. The report also outlines the market research methodology followed. There are over 100 vendors competing for the global fiber optic connector/mechanical splice market, which ElectroniCast tracks in a product matrix showing participation in the following: connectors, cable assemblies, optical backplanes, and fiber optic installation apparatus; however, is dominated by a few companies that have a broad base in various interconnect products.

Wearable Display Market by Product Type (Smart Bands, Smartwatches, Head-Mounted Displays), Display Technology (LED-Backlit LCD, OLED), Panel Type (Rigid, Flexible, Microdisplay), Display Size, Vertical, and Geography - Global Forecast to 2023

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The wearable display market is expected to be valued at USD 1.34 billion in 2018 and is expected to reach USD 3.37 billion by 2023, at a CAGR of 20.33% between 2018 and 2023. The increased use of flexible OLED displays in smartwatches, rising demand for OLED display for use in smart wearable devices, and technological shift and development of energy-efficient and high-specification display products are driving the growth of the market. However, factors such as high costs associated with new display technology-based products and high power consumption by wearable devices are restraining the growth of the market.

"Market for head-mounted displays to grow at the highest rate during the forecast period"

Increasing use of AR HMDs or smart glasses in enterprise and industry applications is expected to drive the growth of the market for OLED-based head mounted displays. Moreover, AR can be used to teach complex maintenance procedures for factory equipment-overlapping animation-based instructions and reference materials directly onto the physical gear. Many AR HMD or smart glass manufacturers are expected to target the enterprise and industry segment in the coming years.

Light Meter Market by Display (Analog and Digital), Type (General-Purpose, LED, and UV), Lux Range (0-200K Lux and Above 200K Lux), Application (Photography & Cinematography, Commercial Spaces, Clinics & Hospitals), and Region - Global Forecast to 2023

Published by MarketsandMarkets

Pub. Date 2018/04/24

Price

USD 5650 PDF by E-mail (Single User License) ~

USD 10000 PDF by E-mail (Global License)

www.giiresearch.com/ce/631691

"Increasing demand for light meters in the photography and cinematography industry worldwide is driving the growth of the light meter market"

The light meter market is expected to grow from USD 305.1 million in 2018 to USD 417.4 million by 2023, at a CAGR of 6.47% between 2018 and 2023. The increasing demand for light meters in the photography and cinematography industry worldwide, regulations to improve workplace lighting, and government initiatives toward the standardization of lighting protocols are driving the light meter market. Major restraining factors for growth of the light meter market include the development of smartphone applications and light measuring devices to substitute light meters.

" Digital light meters held a major share of the light meter market in 2017"

Light meters can have 2 types of displays-analog and digital. Digital light meters are easy to access as they operate by eliminating the need to analyze the position of a needle in a meter, unlike analog light meters. These light meters also provide more accurate readings than analog light meters, which leads to the dominant position of this segment in the overall light meter.

Global Semiconductor Bare Die Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/19

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www.giiresearch.com/ce/633242

Semiconductor manufacturers produce wafers, from which a die is yielded. During the semiconductor wafer fabrication process, after the wafer testing phase, the wafer is diced into individual dies. These individual dies are given a part number and are delivered to bare die distributors. These semiconductor dies, which are not packaged, are referred to as semiconductor bare dies.

Technavio's analysts forecast the global semiconductor bare die market will register a revenue of close to USD 23 billion by 2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global semiconductor bare die market for 2018-2022. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Worldwide Server Microprocessor Market Shares, 4Q17: By Vendor, Architecture, Channel, Socket, and System Category

Published by IDC

Pub. Date 2018/04/18

Price

USD 4500 PDF by E-mail (Single User License)

www.giiresearch.com/ce/628675

This IDC study examines the performance of the server microprocessor market through several market views. Unit shipments and revenue by vendors are included as well as unit shipments by processor architecture, channel to customer, socket design capability, and system category. Processors designed for other system categories but consumed by servers are not covered in this study. "As we expected after last quarter, demand in 4Q17 was very healthy," said Shane Rau, research vice president, Computing Semiconductors. "Major cloud SPs and enterprise OEMs bought Intel's new Skylake Scalable Performance processors in large volumes, a trend we expect to continue through 1H18."

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Cable Management Accessories Market (Cable Lug, Cable Marker, Heat Shrink Tube) - Global Industry Analysis, Size, Share, Growth, Trends and Forecast 2017 - 2024

Published by Transparency Market Research

Pub. Date 2018/04/18

Price

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www.giiresearch.com/ce/369000

Transparency Market Research's publication on the global cable management accessories market provides valuable insights on the growth trajectory of the said market for the 2017-2024 forecast timeframe. For the study, 2016 is considered as the base year whereas 2015 values have been provided for historical reference.

The report looks into each and every aspect that could play a key role to determine the growth of cable management accessories market over the aforementioned forecast period. It also examines vital market indicators such as demand drivers and restraints that could influence the growth of this market during the said period.

Global Cable Management Accessories Market: Report Highlights

The research report provides a comprehensive growth analysis of the cable management accessories market based on product, end-use, and geography. Analyzing each and every segment, revenue estimates for the overall market are presented in US\$ Mn and volume estimates in Kilo tons. It also includes market share and revenue estimations of each segment under various category over the 2017-2024 forecast period.

Aircraft Lightning Protection Market Global Scenario, Market Size, Outlook, Trend and Forecast, 2016 - 2025

Published by Variant Market Research LLP

Pub. Date 2018/04/18

Price

USD 3195 Data Pack ~

USD 7695 PDF by E-mail (Global License)

www.giiresearch.com/ce/629525

Global Aircraft Lightning Protection Market is estimated to reach \$7.04 billion by 2025; growing at a CAGR of 6.4% from 2017 to 2025. Aircraft lightning protection on airplanes is used to avoid delays and interruptions as well as reduce the significance of the strike. Lightning attaches to entry and exit points almost simultaneously, and most commonly strikes the nose, wingtips, engine cowlings, and tip of the vertical tail. Increasing adoption of composite structures in aircraft program is the primary factor to boost the global aircraft lightning market. Moreover, high acceptance from military, regional, and commercial aircrafts manufacturers due to aircraft protection, emergence of new aircraft manufacturers in Asia-Pacific region, and aviation guidelines and authorization standards about the use of Lightning Strike Protection (LSP) in aircraft is expected to generate numerous growth opportunities for the market in the coming years.

Global IIoT Sensors Market in Oil and Gas Industry 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/18

Price

USD 2500 PDF by E-mail (Single User License) ~

USD 5000 PDF by E-mail (Global License)

www.giiresearch.com/ce/633233

IIoT sensors are devices that can communicate/deliver their readings to internet cloud services for further aggregation and analysis of trends within an industrial setting.

Technavio's analysts forecast the global IIoT sensors market in oil and gas industry to grow at a CAGR of 5.39% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global IIoT sensors market in oil and gas industry for 2018-2022. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Technavio's report, *Global IIoT Sensors Market in Oil and Gas Industry 2018-2022*, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

Global SSD Controllers Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/17

Price

USD 2500 PDF by E-mail (Single User License) ~

USD 5000 PDF by E-mail (Global License)

www.giiresearch.com/ce/633225

An SSD is a solid-state disk or an electronic disk that is used for data storage and is built by using semiconductors. It uses the same input/output interface design as hard disk drives (HDDs) and stores data in solid state memory. It uses DRAM or NAND-based flash memory to store data. Solid-state storage is available in three form factors: SSDs, solid-state cards (SSCs), and solid-state modules (SSMs).

Technavio's analysts forecast the global SSD controllers market to grow at a CAGR of 15.40% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global SSD controllers market for 2018-2022. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Technavio's report, *Global SSD Controllers Market 2018-2022*, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

Global Automotive Printed Circuit Board (PCB) Market- Technologies, Market share and Industry Forecast to 2024

Published by Occams Business Research & Consulting Pvt. Ltd.

Pub. Date 2018/04/16

Price

USD 3900 PDF by E-mail (Single User License) ~

USD 6900 PDF by E-mail (Enterprise License)

www.giiresearch.com/ce/630095

A Printed Circuit Board (PCB) is a board used to mechanically support and electrically connecting electronic or electrical components using pads, conductive tracks and other features. Application of PCB in automotive industry includes management of the engine, entertainment systems, radar, GPS, mirror controls, digital displays and power relays timing systems. OBRC analysis estimates that global automotive printed circuit board (PCB) market is expected to grow at a CAGR of 6.23% over forecast period 2017-2024. Rising integration of convenience, advanced safety and comfort systems in automobiles, increasing demand for electric vehicles, rising demand of vehicles coupled with infotainment systems are major factors propelling the demand of automotive PCB market across the globe.

Asia Pacific accounts the largest share and is expected to dominate global automotive PCB market over forecast period 2017-2024. Increasing adoption of electric cars and rising investments in automotive industry for advanced technologies are some of the factors boosting the automotive PCB market in region. OBRC analysis estimates, Asia Pacific holds more than 40% of the total automotive industry sales across the globe, making Asia Pacific most lucrative market for investment. In 2018, as per company sources, Kia Motors (South Korea) announced to invest \$2 billion for production facility in India. In 2018,

People Counting System Market by Technology (IR Beam, Video-Based, Thermal Imaging), Hardware and Software, End User (Retail Stores, Supermarkets, and Shopping Malls, Transportation, Corporate, Hospitality), and Region - Global Forecast to 2023

Published by MarketsandMarkets

Pub. Date 2018/04/16

Price

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www.giiresearch.com/ce/422974

The people counting system market is in the growth phase and is estimated to be valued at USD 694.7 million in 2018. The market is expected to be worth USD 1,150.2 million by 2023, growing at a CAGR of 10.6% between 2018 and 2023. The drivers for this market include the growing retail sector and increased adoption rate of people counting technologies, availability of low-cost and easy-to-set-up people counting solutions, and increasing need for people counting solutions in the transportation sector. However, location inaccuracy and privacy concerns in Wi-Fi- and Bluetooth-based people counting technologies are expected to act as major challenges for this market.

"Retail stores, supermarkets, and shopping malls expected to dominate the market during the forecast period"

The growing retail sector, increased adoption rate of people counting technologies, availability of low-cost and easy setup solutions, and increasing need for people counting in the transportation sector are some of the factors driving the growth of the people counting system market. Advancements in people counting solutions and growth of emerging markets (such as Latin America, the Middle East, and Africa) are some of the factors providing opportunities for the people counting system market.

Screenless Display Market Global Scenario, Market Size, Outlook, Trend and Forecast, 2016 - 2025

Published by Variant Market Research LLP

Pub. Date 2018/04/16

Price

USD 3195 Data Pack ~

USD 7695 PDF by E-mail (Global License)

www.giiresearch.com/ce/629520

Global Screenless Display Market is estimated to reach \$5,324 million by 2025; growing at a CAGR of 33.9% from 2017 to 2025. Screenless displays are a part of an emerging technology in the field of displays that are likely to be a game changer and would change the way displays are used. The screenless display technology is used to transfer or display information without using a screen. Screenless displays convey visual information without using screen or projector. This technology is emerging in the field of computer-enhanced technologies. Numerous manufacturers are endeavoring to obtain patents for their technologies regarding screenless displays. Technological developments and reduced overall costs of screenless display devices would present new opportunities for the market in the near future.

Smart substitute for screen-based displays, the constraint of space in screen-based devices, and complete privacy provided by use of retinal direct form of screen less display are the positively impacting factors for the growth of the global screenless display market.

Worldwide Solid State Drive Market Shares, 2017: Strong Demand and Firm Pricing Drives the Market Higher

Published by IDC

Pub. Date 2018/04/16

Price

USD 4500 PDF by E-mail (Single user license)

www.giiresearch.com/ce/357545

This IDC study examines the market share for the worldwide SSD market for calendar year 2017 and reviews the forces and dynamics that influenced the market. "2017 was a stellar year for the SSD market, with worldwide industry revenue increasing by 48.4% year over year to over \$25 billion," said Jeff Janukowicz, research vice president, Solid State Drives and Enabling Technologies at IDC. "Strong demand from client, enterprise, and cloud datacenter customers, coupled with a firm pricing environment as the industry transitions to 3D NAND, helped propel the market higher in 2017."

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Active Optical Cable Market Global Scenario, Market Size, Outlook, Trend and Forecast, 2016 - 2025

Published by Variant Market Research LLP

Pub. Date 2018/04/14

Price

USD 3195 Data Pack ~

USD 7695 PDF by E-mail (Global License)

www.giiresearch.com/ce/629517

Global active optical cable market is estimated to reach \$8,493 Million by 2025; growing at a CAGR of 33.5% from 2017 to 2025. Active optical cable consists of fiber optic transceivers, multimode optical fiber, modules and control chip. It uses electrical-to-optical conversion on the cable ends to enhance speed and distance performance of the cable without sacrificing compatibility with standard electrical interfaces. Some of the benefits of fiber optical cables are they provide capability to short and long distances, low cost, hard to tap into the optics, low bit-error rate, and no cleaning of the optics needed, among others. These are considered to be one of the biggest technical transitions in the communications industry and huge opportunities for photonic interconnects.

Increase in demand for higher bandwidth, growing demand for active optical cable in data center, and shift of telecom sector towards faster optical networks are the major factor driving the growth of the market. In addition, increasing investments by governments to improve connectivity within the region. However, high initial investment associated with the active optical cable and challenges from optical network security fiber hack are the restraints of the market. Moreover, advancements in fiber optics technology is expected to equally influence the overall growth of market during the forecast period.

Global Automotive LED Headlamps Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/13

Price

USD 2500 PDF by E-mail (Single User License) ~

USD 5000 PDF by E-mail (Global License)

www.giiresearch.com/ce/633218

Automotive LED headlamps use light emitting diodes for generation of light instead of halogen or xenon lamps

Technavio's analysts forecast the global automotive LED headlamps market to grow at a CAGR of 30.48% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global automotive LED headlamps market for 2018-2022. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Technavio's report, Global Automotive LED Headlamps Market 2018-2022, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

Current Transducer Market by Technology (Open Loop, Close Loop), Application (Motor Drive, Battery Management, UPS & SMPS, Converter & Inverter), End-User (Industrial, Renewables, Automotive, Residential & Commercial), & Region - Global Forecast to 2023

Published by MarketsandMarkets

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Price

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www.giiresearch.com/ce/628052

The global current transducer market is estimated at USD 581.1 million in 2018 and is projected to grow at a CAGR of 3.31% to reach USD 683.7 million by 2023. These are highly technical products, and the growth of the current transducer market is mainly attributed to the technological development of transducers. The increasing adoption of renewable resources, electric vehicles, control & monitoring systems, and industrial automation is driving the growth of the market. The major restraint for the current transducer market is the increasing adoption of integrated systems.

"The converter & inverter segment is expected to be the fastest growing application segment by 2023."

With regards to the application segment, the converter & inverter segment is expected to grow at the fastest CAGR during the forecast period. The major application of converters & inverters is to convert DC to AC power and vice versa. The adoption of renewable technology is driving the demand for the converter & inverter segment. The power generated through renewable sources are either stored or transferred to grid; in both the processes, converters & inverters are required for conversion of power. The growth of renewable energy sources across the globe is driving the market for current transducers.

Global Lithography Systems Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/13

Price

USD 2500 PDF by E-mail (Single User License) ~

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www.giiresearch.com/ce/294080

Lithography, which is also termed as ultraviolet lithography or photolithography, is a process used for the manufacture of integrated circuits (ICs), which is used in microfabrication to pattern parts of a thin film or the bulk of a substrate.

Technavio's analysts forecast the global lithography systems market to grow at a CAGR of 5.14% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global lithography systems market for 2018-2022. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Technavio's report, *Global Lithography Systems Market 2018-2022*, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

Heavy-Duty Connector Market by Component (Hood & Housing, Insert & Contact), Material (Metal & Plastic), Termination Method (Crimp & Screw), Application (Manufacturing, Construction, Railway, Oil & Gas, Construction), Geography - Global Forecast to 2023

Published by MarketsandMarkets

Pub. Date 2018/04/12

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www.giiresearch.com/ce/626504

The heavy-duty connector market is expected to grow at a CAGR of 4.6% between 2017 and 2023 to reach USD 3.51 billion by 2023 from USD 2.81 billion in 2018. Nowadays, organizations are dedicated to saving lives and protecting assets by adopting and delivering safety products. With the adoption of heavy-duty connectors, which is now a mandate in industries operating in extreme environmental conditions, companies are protecting their machinery and employees from electrical hazards. These connectors ensure a secure connection and hassle-free operations by eliminating the threat of disconnection due to machine vibrations, thereby saving time and money while optimizing workflow. Heavy-duty connectors are designed to reliably perform under the most demanding operating and harsh environmental conditions. However, the major factor restraining the heavy-duty connector market growth is the lack of the coordination of standards.

Global Automotive Steering Torque Sensor Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/12

Price

USD 2500 PDF by E-mail (Single User License) ~

USD 5000 PDF by E-mail (Global License)

www.giiresearch.com/ce/631730

Automotive steering torque sensors are used in vehicles with electric power steering (EPS). These sensors measure the steering force applied by the driver and enable the sensitive control of electric steering support. The sensor is based on a contactless magnetic measuring principle and has a magnetic unit, sensor unit, and a flux tube unit.

Technavio's analysts forecast the global automotive steering torque sensor market to grow at a CAGR of 6.24% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global automotive steering torque sensor market for 2018-2022. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

Global Humidity Sensor Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/12

Price

USD 2500 PDF by E-mail (Single User License) ~

USD 5000 PDF by E-mail (Global License)

www.giiresearch.com/ce/631726

A humidity sensor measures and reports relative humidity in the atmosphere. It measures both air temperature and moisture content in the surrounding atmosphere.

Technavio's analysts forecast the global humidity sensor market to grow at a CAGR of 12.07% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global humidity sensor market for 2018-2022. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Technavio's report, *Global Humidity Sensor Market 2018-2022*, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

Worldwide Embedded and Intelligent Systems Forecast, 2018-2022: Data Transformation and the Journey of Data Across the Internet Landscape from the Physical to the Digital

Published by IDC

Pub. Date 2018/04/11

Price

USD 8000 PDF by E-mail (Single user license)

www.giiresearch.com/ce/307400

This IDC study presents the worldwide embedded and intelligent systems market according to four views: The internet system landscape view looks across the layout of the internet that shows the relationships among the interconnected system types and the resulting path on which data travels from the edge of the internet to its core. The industry segment view looks up and down the system types and how they segment across their intended functions, both general purpose and application specific. The enabling technologies view looks inside systems sizing the major technologies that enable systems' compute, connectivity, sensing, security, and storage capabilities. The execution view looks at what is managing the computing and how that changes the nature of the electronic system: a human user or an artificial user. "The advent of near-ubiquitous connectivity among systems, combined with sensors communicating evermore data and scalable data processing semiconductors, has transformed the system landscape of the internet, with increasingly application-specific systems and robust infrastructure, both machine-run and human-run intelligent and embedded systems," said Shane Rau, vice president of Computing Semiconductors.

Global Automotive Intelligent Lighting System Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/11

Price

USD 2500 PDF by E-mail (Single User License) ~

USD 5000 PDF by E-mail (Global License)

www.giiresearch.com/ce/631719

An automotive intelligent lighting system is a highly adaptive or automatically controlled automotive light system, which helps in increasing the safety while driving or creating a comfortable environment through lighting.

Technavio's analysts forecast the global automotive intelligent lighting system market to grow at a CAGR of 7.83% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global automotive intelligent lighting system market for 2018-2022. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Global Flexible AC Transmission System (FACTS) market Market Market- Technologies, Market share and Industry Forecast to 2024

Published by Occams Business Research & Consulting Pvt. Ltd.

Pub. Date 2018/04/10

Price

USD 3900 PDF by E-mail (Single User License) ~

USD 6900 PDF by E-mail (Enterprise License)

www.giiresearch.com/ce/627603

Flexible AC Transmission System (FACTS) is a power electronics controller with combination of static equipment used for increasing the controllability and power transmission ability of AC transmission network of electrical energy. FACTS devices can be classified into first, second and third generation on the basis of their functionality and technical features. Also, they can be categorized on the basis of nature of network namely shunt controllers, series controllers, series to shunt controllers and series to series controllers. Rising demand for voltage and power control solutions from industries such as oil and gas, railways and electric utility; and smart grids emergence, boosting renewable energy market are some primary drivers of the global FACTS market.

Rising adoption of smart grids and growing renewable energy market is contributing major share in driving the global FACTS market. Government of different countries are taking several initiatives and are investing huge amount in replacing aged transmission infrastructure and installing new smart grids to increase the transmission efficiency and reduce the operation cost. In 2016, US Government announced to invest \$220 million to upgrade the aged power grid over the period 2016-2019.

LIDAR Technologies for the Automotive Industry: Technology Benchmark, Challenges, Market forecasts

Published by TEMATYS

Pub. Date 2018/04/10

Price

USD 5490 Corporate Multi User license

www.giiresearch.com/ce/624220

The automotive industry is changing:

- Vehicles are more and more connected,
- Motor electrification is growing to meet regulations requirements,
- Safety has become a major concern and drives the development of new technologies.

One of the major trends that will impact OEM and suppliers businesses is the emergence of new mobility schemes. New users seek more flexibility and lower cost for their trips. The car is seen as a transport service. To meet these demands, new mobility models emerge, especially pay-per-use models such as car/ride sharing, carpooling, "e-hailing" taxi alternatives, and peer-to-peer car rentals.

The development of the autonomous vehicle meets these new mobility models.

Indeed, from an end-user perspective, automated driving offers on-demand access to mobility and the possibility to rest, entertain or work during a car trip. The forecasted linear evolution for autonomous vehicles should be disturbed by the arrival of first Level 4/5 (highly and fully automated) vehicles for autonomous taxis or new models of short-term car rentals. From the OEMs and suppliers perspective, self-driving vehicles bring great technical challenges. In particular, new technologies, like LIDAR, will be necessary for a continuous control of the car's environment.

Worldwide Combined Semiconductor Timing CY2017-Q1 2018: Industry Market Intelligence Reporting & Analysis (Xtal's & SMD Packaged Oscillators, Semi Clock & Timing Devices, IC's & Modules, RF Timing Components & Modules)

Published by Consulting Services & Associates

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www.giiresearch.com/ce/237362

2017 was a pivotal year for Semiconductor Timing - we saw MnA action that continues thru the 1st half of this year, and changes in the product mix, technologies employed, and some new product categories marked the year in Timing - We saw continued aggressive device \$ASP Erosion all combining to once again limit revenues to under the \$5.0B USD watermark.

The most prolific use case and application remains Time of Day (TOD) followed by Physical Layer and MAC Timing in support of the tremendous amount of connectivity we see in gadgetry from The IoT - the need to connect is pushing complexity and pushing what was once deemed disruptive technologies into the mainstream - MEMS based Semi Timing along with Compensated CMOS have mainstreamed into very high volume applications sharing sockets between standard Oscillators in SMD packages, and the IC end of the business where we see an external crystal and may see fully integrated clock trees too (the newly created MacroTiming product category) - new timing domains defined in Medical, Automotive, Process Control and Infrastructure and backhaul, all pushing the growth curve for Semi Timing.

Global Automotive Head-Up Display Market- Technologies, Market share and Industry Forecast to 2024

Published by Occams Business Research & Consulting Pvt. Ltd.

Pub. Date 2018/04/09

Price

USD 3900 PDF by E-mail (Single User License) ~

USD 6900 PDF by E-mail (Enterprise License)

www.giiresearch.com/ce/627600

Automotive head-up display is a transparent display technology that allows the drivers not to change their vision frame through showing data in the driver's vision vicinity. The global automotive head-up display market is expected to rise at a CAGR of 27.4% over the forecast period (2017-2024). The major escalating factor for automotive head-up display growth is rising awareness about passenger and vehicle safety. Other than this, rapid rise in automotive industry and increasing demand for connected vehicles are also triggering the global automotive head-up display market. However, requirement of greater space in the automotive cockpit and strict regulation for meeting government obligation by the HUD suppliers are the restraining factors for automotive head-up display market growth.

Global automotive head-up display market report includes four major segments that are HUD type, end user, fuel type and vehicle type. The HUD type segment includes Windshield Head-Up Display (HUD) and Combiner Head-Up Display (HUD) as the sub segments. The combiner head-up display (HUD) is expected to be the fastest growing segment under global Head-up display market. The end user segment has been further segregated into mid-segment vehicle, luxury vehicles and economic vehicle. On the basis of vehicle mode, the sub segments are Internal Combustion Engine (ICE), Battery Electric Vehicle (BEV) and others. Lastly, the vehicle type includes Passenger Cars and Commercial Vehicles as its sub segments.

Thin-Film Encapsulation (TFE) Market by Application (OLED Display, Lighting, Thin-Film Photovoltaics), Deposition Technology (Inorganic Layers (PECVD, ALD) and Organic Layers (Inkjet Printing and VTE)), and Geography - Global Forecast to 2023

Published by MarketsandMarkets

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Price

USD 5650 PDF by E-mail (Single User License) ~

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www.giiresearch.com/ce/626284

The thin-film encapsulation market for materials is expected to reach USD 101.1 million by 2023, at a CAGR of 26.1% during the forecast period. The trend of thin-film encapsulation using inkjet printing, and rapid adoption of flexible OLED displays for smartphones and smart wearables significantly drive the market growth, while the development of flexible glass acts as a major restraint to the market growth.

"Flexible OLED lighting segment is expected to register the highest growth rate in the thin-film encapsulation market for materials during the forecast period"

The demand for flexible OLED lightings is expected to grow at the highest CAGR as the adoption of OLED lightings in automotive applications is likely to increase rapidly during the forecast period. In the past 3 years, several automotive companies have collaborated with lighting manufacturers to develop OLED lighting solutions for cars. OLED lighting solutions can offer better efficiency than conventional incandescent lighting; they also provide opportunities to put a light in new and sometimes startling places and modes that are only starting to emerge in the rapidly changing field.

Global Automotive Level Sensor Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/09

Price

USD 2500 PDF by E-mail (Single User License) ~

USD 5000 PDF by E-mail (Global License)

www.giiresearch.com/ce/631706

An automotive level sensor is a device that detects the level of fluids in an open or closed system. It detects changes in its immediate environment by picking stimulus changes and updates the system electronically.

Technavio's analysts forecast the global automotive level sensor market to grow at a CAGR of 4.13% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global automotive level sensor market for 2018-2022. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Technavio's report, Global Automotive Level Sensor Market 2018-2022, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

Global Automotive Inertial Measurement Unit (IMU) Sensors Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/09

Price

USD 2500 PDF by E-mail (Single User License) ~

USD 5000 PDF by E-mail (Global License)

www.giiresearch.com/ce/368225

The inertial measurement unit (IMU) is an electronic device, which is used to measure the non-gravitational force per unit mass, angular velocity, and the changes in the magnetic field surrounding the vehicle or specific parts of the vehicle. An IMU is a fusion sensor unit, which consists of accelerometers and gyroscopes.

Technavio's analysts forecast the global automotive inertial measurement unit (IMU) sensors market to grow at a CAGR of 28.56% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global automotive inertial measurement unit (IMU) sensors market for 2018-2022. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Technavio's report, *Global Automotive Inertial Measurement Unit (IMU) Sensors Market 2018-2022*, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

Global Laser Displacement Sensors Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/09

Price

USD 2500 PDF by E-mail (Single User License) ~

USD 5000 PDF by E-mail (Global License)

www.giiresearch.com/ce/631701

Laser displacement sensors use the triangulation method to perform ranging (detecting the amount of displacement). They are predominantly used to measure an object's width, height, diameter, stroke and positioning, deflection and decentering, vibration, warpage and flatness, and thickness.

Technavio's analysts forecast the global laser displacement sensors market to grow at a CAGR of 6.93% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global laser displacement sensors market for 2018-2022. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Technavio's report, *Global Laser Displacement Sensors Market 2018-2022*, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

GLOBAL NEAR FIELD COMMUNICATION (NFC) CHIPS MARKET FORECAST 2018-2026

Published by Inkwood Research

Pub. Date 2018/04/09

Price

USD 2500 PDF (Single User License) ~

USD 4500 PDF (Enterprisewide License)

www.giiresearch.com/ce/621157

Driven by the growing number of NFC enabled smartphones, rising demand of NFC chips in consumer electronics and widespread adoption of contactless payments across numerous industries, the global near field communication chips (NFC) market is expected to grow with a 22.59% CAGR over the forecast period of 2018-2026.

MARKET INSIGHTS

The global near field communication chips (NFC) market is segmented on the basis of product, end-users and applications. On the basis of product, the market is further sub-segmented into auxiliary and non-auxiliary. The end-users for this market include automotive, consumer electronics, retail, banking & finance, medical and other end users. By application, the market is segmented into medical equipment, television, smartphone and other applications.

REGIONAL INSIGHTS

On the basis of geography, the global near field communication (NFC) chips market is segmented into North America, Europe, Asia-Pacific and rest of world. The North American near field communication chips (NFC) market accounted for the highest revenue share in the global market. U.S and Canada are the major markets in this region. In terms of CAGR, the Asia-Pacific market is expected to surpass all other regional markets over the course of the forecast period. The region's growth can mainly be attributed to the India and China near field communication chips (NFC) market.

Worldwide Hard Disk Drive Market Shares, 2017: HDD Supplier Revenue Share Remains Relatively Stable from 2016 to 2017

Published by IDC

Pub. Date 2018/04/09

Price

USD 4500 PDF by E-mail (Single user license)

www.giiresearch.com/ce/357555

This IDC study reviews the worldwide HDD vendor market shares for 2017. "The growth of the enterprise HDD and video surveillance markets are partially offsetting revenue declines in other HDD market segments, and competition for revenue share in these important and growing HDD product segments is fierce," according to John Rydning, research vice president for Hard Disk Drives, IDC.

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Global Semiconductor Assembly and Packaging Services Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/09

Price

USD 2500 PDF by E-mail (Single User License) ~

USD 5000 PDF by E-mail (Global License)

www.giiresearch.com/ce/631704

Semiconductor assembly and packaging services are crucial in the semiconductor production process. The package of the semiconductor device is usually made of materials such as plastic, metal, and ceramic/glass. Packaging is undertaken to provide protection against impact and corrosion.

Technavio's analysts forecast the global semiconductor assembly and packaging services market to grow at a CAGR of 4.87% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global semiconductor assembly and packaging services market for 2018-2022. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

Global Automotive HVAC Sensors Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/09

Price

USD 2500 PDF by E-mail (Single User License) ~

USD 5000 PDF by E-mail (Global License)

www.giiresearch.com/ce/631710

A sensor is a device that detects changes in its immediate environment by identifying changes in stimuli and electronically updating these changes in systems. HVAC sensors form vital components of the modern HVAC system by providing measurements of temperature and pressure among others to automotive HVAC control units.

Technavio's analysts forecast the global automotive HVAC sensors market to grow at a CAGR of 7.21% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global automotive HVAC sensors market for 2018-2022. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Technavio's report, *Global Automotive HVAC Sensors Market 2018-2022*, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

Smart Sensors Market Global Scenario, Market Size, Outlook, Trend and Forecast, 2016 - 2025

Published by Variant Market Research LLP

Pub. Date 2018/04/06

Price

USD 3195 Data Pack ~

USD 7695 PDF by E-mail (Global License)

www.giiresearch.com/ce/629507

Global Smart Sensors Market is estimated to reach \$101 Billion by 2025; growing at a CAGR of 18.5% from 2017 to 2025. Smart sensor is the arrangement of a sensing element with processing capacities imparted by a microprocessor. That is, smart sensors are basic sensing elements with embedded intelligence. Some of the functions that can be performed by smart sensor are data conversion, digital processing, providing a digital output, interaction with external devices, logic functions, two-way communication, and to make decisions. It can also perform such functions as compensation of secondary parameters failure prevention and detection, self-testing, autocalibration, and various computationally intensive operations. It can be used throughout numerous industries such as consumer electronics, automotive, industrial, medical, security & defense and entertainment as of increasing usage of sensing element and process controls in this zone.

Smart Lighting Market Size By Component, By Lighting Source (LED, Fluorescent Lamp, CFL, HIDL, By Application, Industry Analysis Report, Regional Outlook, Growth Potential, Competitive Market Share & Forecast, 2018 - 2024

Published by Global Market Insights Inc.

Pub. Date 2018/04/06

Price

USD 4500 PDF (Single User License) ~

USD 8500 PDF (Enterprise User License)

www.giiresearch.com/ce/633398

Smart Lighting Market is projected to surpass USD 24 billion by 2024. Smart lighting incorporates different technologies to enable the automatic controlling of indoor and outdoor lights using automated settings, wireless/mobile controls, and a wide range of different adjustable features. It is a lighting system which is interconnected through a network and is operated and maintained by a centralized system or cloud. Smart lighting includes an MCU (microcontroller unit) based system that integrates electronics, automation, and network communication for improving energy efficiency of the lighting system.

In a conventional lighting system, a light source can only be switched on/off manually, while, instead in a smart lighting system, different preset lighting modes can be preloaded into the system to meet the user's specific needs. Also, in conventional lighting systems, a heavily loaded lighting system requires high-capacity switch along with large volume of cables to drive a distant load. In connected lighting systems, an output driver directly powers a load without the need for increasing the power capacity of the switch. Moreover, connected lighting systems can be made dimmable and controllable using advanced lighting control devices to further optimize the energy consumption.

Global Nanosensors Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/06

Price

USD 2500 PDF by E-mail (Single User License) ~

USD 5000 PDF by E-mail (Global License)

www.giiresearch.com/ce/422904

Nanosensors are any organic, synthetic, or surgical tactile focus or sensory points used to transfer data regarding nanoparticles to the naturally visible world. Their use primarily incorporates different therapeutic purposes, and they serve as gateways to building a variety of nanoproducts.

Technavio's analysts forecast the global nanosensors market to grow at a CAGR of 97.57% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global nanosensors market for 2018-2022. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Global Silicon Germanium Materials & Devices Market: Focus on Material Type (Source, Substrate & Epitaxial Wafer), Device Type (Wireless, Radio, FOT) & End-User (Telecommunication, Consumer Electronics, Automotive) - Analysis & Forecast 2017-2021

Published by BIS Research Private Limited

Pub. Date 2018/04/06

Price

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USD 7099 Printable PDF by E-mail (Enterprise-wide License)

www.giiresearch.com/ce/624178

Over the last decade, process enhancements have played a crucial role in the evolution and progress of the semiconductor sector globally. Due to the known restrictions of conventional silicon-based semiconductor materials, such as low electron mobility, temperature sensitivity and volatility, researchers have been working on substitute semiconductor materials. Silicon-based manufacturing process of modern microchips does not provide a competitive edge when it comes to enormously high-performance levels needed for some emerging wireless communications, signal processing, and radar applications. Several highly customized and cost-effective semiconductor materials such as silicon germanium, indium phosphide, gallium arsenide and gallium nitride, currently hold a significant share in these highly demanding application areas.

Concept of combining germanium with silicon materials to produce silicon-germanium alloy has been available for several years, yet the technology is only used in some niche applications. In SiGe technology, slight quantities of germanium are introduced into silicon substrates at the atomic scale to boost the semiconductor performance considerably.

LED Lighting in Public Transportation Vehicles Global Market Forecast & Analysis 2017-2024

Published by ElectroniCast

Pub. Date 2018/04/06

Price

USD 2990 PDF, MS Excel and PowerPoint files by E-mail

www.giiresearch.com/ce/191237

This is the ElectroniCast analysis and forecast of global market consumption of light emitting diode-based lamps and related devices used in public transportation vehicles. For the purposes of this study, ElectroniCast defines public transportation as a shared passenger transportation service, which is available for use by the general public. Public transportation vehicles, included in this study, are listed below. Note: aircraft and taxis are not included in this analysis.

The LED lighting public transportation vehicles global market is segmented into the following vehicle (type) categories and sub-categories:

- Bus
- Watercraft/Ferries

The market forecast is also segmented into the following product-type:

- LED Linear Lamps (Tubes)
- LED-based Back Light Unit (BLU) Bars for LCD Display Screens
- LED Signage/Destination Sign Board Modules
- Other/Miscellaneous LED Lamps and Luminaries

Global Electroceramics Market - Segmented by Product Type, Application, and Geography - Growth, Trends and Forecast (2018 - 2023)

Published by Mordor Intelligence LLP

Pub. Date 2018/04/05

Price

USD 4250 PDF by E-mail (Single User License) ~

USD 8750 PDF by E-mail (Corporate License)

www.giiresearch.com/ce/625796

The electroceramics market is expected to register a moderate growth rate between 2018 and 2023. With the advancement of semiconductor and electronics industries, the number of the area of application, for different electroceramic materials, has significantly increased.

Growing Semiconductor and Electronics Industries

Electroceramics are advanced ceramic materials that exhibit electronic, optical or electro-magnetic properties. Electroceramic materials are used for specific technological applications, which include the manufacture of data storage devices, sensors, transducers, and actuators. Electroceramic materials can be divided into multiple subclasses, with each subclass being used for specific applications. Major materials for electroceramics include titanate, zirconia, alumina, and others. Titanate is a base material in piezoelectric ceramics, while alumina is used to develop metrology components, actuators, semiconductor cores, and substrates. Semiconducting oxides are used for environment monitoring, in magnetic ceramic materials, which are used for data storage, and ferroelectric materials, which are used to develop accelerometers. Due to their increase in their demand, the consumption of electroceramics is expected to increase in the near future.

Focused Ion Beam Market (Ion Source - Gallium, Gold, and Iridium; Applications - Sample Preparation, and Nanofabrication) - Global Industry Analysis Size Share Growth Trends and Forecast 2017 - 2024

Published by Transparency Market Research

Pub. Date 2018/04/05

Price

USD 5795 PDF by E-mail (Single user license) ~

USD 11795 PDF by E-mail (Corporate License)

www.giiresearch.com/ce/336044

Transparency Market Research (TMR) presents a 7-year forecast of the global focused ion beam market for the 2017-2024 forecast timeframe. For the study, 2016 has been considered as the base year, while 2015 values have been provided for historic information. Market size estimations are presented in (US\$ Mn) unless explicitly mentioned. Analysts employed industry-best analytical tools and adhered to proven research methodologies in the making of the report.

The objective of the report is to offer valuable insights on vital market dynamics in the focused ion beam market. This includes drivers, challenges, trends, and opportunities that will influence the focused ion beam market through 2024. Technological advances and product development have also been looked into in this report. The focused ion beam market has been broadly segmented depending upon on source, application, and region in this report.

The executive summary section provides the crux of the analysis presented in this report. It begins with an outline of definitions, conventions, and notations that are pertinent with respect to electronics and semiconductors sector. Industry policies and industry statutes are appended at the end of this section.

Photonics Integrated Circuit Market Global Scenario, Market Size, Outlook, Trend and Forecast, 2015 - 2024

Published by Variant Market Research LLP

Pub. Date 2018/04/05

Price

USD 3195 Data Pack ~

USD 7695 PDF by E-mail (Global License)

www.giiresearch.com/ce/629506

Global Photonics Integrated Circuit (IC) Market is estimated to reach \$3,554 million by 2024; growing at a CAGR of 31.8% from 2016 to 2024. Photonics is the science of light detection, generation, and manipulation over transmission, emission, signal processing, modulation, switching, sensing and amplification. The wide range of devices or equipment's with photonic-based components is expected to influence the global demand for the technology positively. Considered by superior attributes such as low-power consumption, small size, and scalable functionality, higher efficiency, the PICs have been the perfect replacement for electronics in many devices and systems that need miniaturization and optimum performance.

High power efficiency, miniaturization leads to cost reduction, and increased functionalities & growing applications are the factors driving the growth of the photonics integrated circuit market. Though, lack of digitization and design issues may hinder the growth of the market. Moreover, increasing technological advancements might provide with several growth opportunities in the forecasted years.

Global Sapphire-based Power Devices Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/04

Price

USD 2500 PDF by E-mail (Single User License) ~

USD 5000 PDF by E-mail (Global License)

www.giiresearch.com/ce/626648

A power device is a type of semiconductor which is used in power circuits (high-voltage circuits) because of high voltage and power ratings. A sapphire-based power device is a type of power device in which a sapphire wafer is used as an insulating substrate, typically used with silicon carbide or gallium nitride.

Technavio's analysts forecast the global sapphire-based power devices market to grow at a CAGR of 5.77% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global sapphire-based power devices market for 2018-2022. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

The market is divided into the following segments based on geography:

- Americas
 - APAC
 - EMEA
-

Global Automotive Laser Headlight System Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/04

Price

USD 2500 PDF by E-mail (Single User License) ~

USD 5000 PDF by E-mail (Global License)

www.giiresearch.com/ce/366853

Laser headlights are actually not what the name suggests. These devices are laser-assisted headlamps in which the filaments (halogens or Xenons) and ionizable gases are replaced by laser diodes and a phosphorous lens.

Technavio's analysts forecast the global automotive laser headlight systems market to grow at a CAGR of 267.38% during the period 2016-2020.

Covered in this report

The report covers the present scenario and the growth prospects of the global automotive laser headlight systems market for 2016-2020. To calculate the market size, the report considers a bottom-up approach, wherein the yearly sales data for various car models of BMW, Audi, and Mercedes-Benz have been used.

The market is divided into the following segments based on geography:

- China
- Europe
- ROW
- US

Technavio's report, *Global Automotive Laser Headlight Systems Market 2016-2020*, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

Global Digital Radio Frequency Memory (DRFM) Market Research Report, Insights, Opportunity, Analysis, Market Shares And Forecast 2017 - 2023

Published by Occams Business Research & Consulting Pvt. Ltd.

Pub. Date 2018/04/04

Price

USD 3900 PDF by E-mail (Single User License) ~

USD 6900 PDF by E-mail (Enterprise License)

www.giiresearch.com/ce/624203

The global Digital Radio Frequency Memory (DRFM) market is expected to rise with a CAGR of 12.3% during forecast period 2016-2023. The key factors driving the market growth are increased adoption of military electronic warfare systems, technological advancements in military radars, emergence of cognitive electronic warfare technology and development of DRFM-based jammers for UAV applications.

North America is the leading market region due to increasing investments by the government in the defense sector for development of technologically advanced digital radio frequency memory systems. Also, DRFM systems are being extensively deployed in electronic warfare systems by U.S Navy to counterattack the challenges and threats imposed by adaptive radars such as lack of security of database etc. However, Asia Pacific is the fastest growing market during forecast period 2016-2023 due to increasing expenditure in military and defense sector, advancements in cognitive electronic warfare technology etc.

The global digital radio frequency memory market is influenced by presence of leading companies such as Raytheon Company, Northrop Grumman Corporation, Mercury Systems, Rohde & Schwarz etc. Product launch, joint venture, merger and acquisition are some of crucial strategies adopted by key market players to gain competitive advantage.

Transparent Conductive Films and Materials 2018-2028: Forecasts, Technologies, Players

Published by IDTechEx Ltd.

Pub. Date 2018/04/04

Price

USD 4995 PDF Download (1-5 Users) ~

USD 7795 PDF Download (6-10 Users) and 1 Hardcopy

www.giiresearch.com/ce/235007

The market for transparent conductive films and materials has been rapidly changing. This continuing transformation is taking place at all levels: technologies, applications and suppliers. In this report we provide the most comprehensive and authoritative view of this industry. In particular, this report provides:

- **Technology assessment:** Detailed, data-driven and insightful analysis of all the existing and emerging transparent conducting layer technologies including ITO film, ITO glass, silver nanowires, silver nanoparticles, various metal mesh technologies (photolithography, direct printing, embossing, hybrid, and so on), graphene, carbon nanotubes, PEDOT, and others. Our analysis is based on years of global research and interaction with the key suppliers, innovators and end users.
- **Application analysis:** Market size and trend analysis of 20 end applications. Here, we cover add-on and embedded touch technologies in mobiles, smart watches, tablets, notebooks, AiOs, automotive displays, and so on. We further cover rigid as well as flexible OLED display markets. We consider the adoption of p-cap in large-sized touch displays and focus on numerous emerging applications such as transparent LEDs, organic photovoltaics and other thin film photovoltaics, in-mold electronics, OLED lighting, transparent heating, and others. ...

Global Industrial I/O Modules Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/03

Price

USD 2500 PDF by E-mail (Single User License) ~

USD 5000 PDF by E-mail (Global License)

www.giiresearch.com/ce/626640

I/O modules are devices that connect field devices such as drives, actuators, and sensors with controllers, such as PLC, distributed control system (DCS), and industrial PCs. The I/O modules convert field signals into data and send it to the controller.

Technavio's analysts forecast the global industrial I/O modules market to grow at a CAGR of 5.95% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global industrial I/O modules market for 2018-2022. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

The market is divided into the following segments based on geography:

- Americas
 - APAC
 - EMEA
-

Head-Up Display Market by Component (Video Generator, Projector/Projection Unit, Display Unit, Software), Type (Conventional HUD, AR-Based HUD), Application (Aviation, Automotive), and Geography - Global Forecast to 2023

Published by MarketsandMarkets

Pub. Date 2018/04/02

Price

USD 5650 PDF by E-mail (Single User License) ~

USD 10000 PDF by E-mail (Global License)

www.giiresearch.com/ce/243896

The head-up display market is expected to reach USD 4.71 billion by 2023 from USD 1.27 billion in 2018, at a CAGR of 29.91% between 2018 and 2023. The factors such as increase in awareness about passenger and vehicle safety, convenience offered by the combination of satellite navigation technology and HUD system, increase in demand for connected vehicles and technologically advanced HUDs drive the demand for head-up displays. However, large space requirement in the automotive cockpit and high requirement of luminance, power, and brightness restrain the growth of the market.

"Conventional HUD held the largest share of the head-up display market in 2017"

Conventional HUD held the largest share of the head-up display market in 2017. Conventional HUDs are widely used in commercial and defense airplanes and automobiles applications. Conventional HUDs in airplanes display information regarding position, radar information, flight path, acceleration, and real-time position, which helps pilots to react instantly. This innovation has slowly made its way into the automotive industry and is currently being considered among the prominent driver assistance systems. Increasing adoption of the technology by OEMs, reducing installation prices of HUD systems, and increasing importance given to vehicle and passenger safety systems are the factors responsible for the growth of this market.

Eye Tracking Market by Type, Application, and Industry Vertical - Global Opportunity Analysis and Industry Forecast, 2018-2024

Published by Allied Market Research

Pub. Date 2018/04/01

Price

USD 3840 PDF by E-mail (Data Pack) ~

USD 8995 PDF by E-mail (Enterprise User License)

www.giiresearch.com/ce/633197

The global eye tracking market was valued at \$456.3 million in 2017, and is projected to reach \$1,818.1 million by 2024, registering a CAGR of 37.1% from 2018 to 2024. The eye tracking market offers features such as lightweight, easy accessibility, and others in terms of quality of product. The market is expected to witness significant growth in the future, owing to increase in investment on smart & wearable technology across the industry verticals.

North America was the highest revenue contributor to the market in 2017, accounting for around 36.3% share, due to rise in adoption and increase in demand for assistive communication devices and wide application areas offered.

The eye tracking market is segmented into type, application, industry vertical, and region. Based on type, the market is bifurcated as head-mounted eye tracker and remote eye tracker. According to application, it is divided into assistive communication, academic research, consumer behavior research, and usability testing. Based on industry vertical, the market is further categorized into retail, automotive, healthcare, government, and others (advertising, entertainment, and web designing). Based on region, it is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

Global Medium Voltage Transformer Market - Growth, Trends, and Forecast (2018 - 2023)

Published by Mordor Intelligence LLP

Pub. Date 2018/04/01

Price

USD 4250 PDF by E-mail (Single User License) ~

USD 8750 PDF by E-mail (Corporate License)

www.giiresearch.com/ce/369362

With urbanization, growing population, and increasing per capita income particularly in emerging countries, coupled with technological advancements in the electronic equipment industry, the demand for power is increasing, and requirements for the electricity are changing. This has forced utility companies to renovate and transform their existing transmission network and also expand the transmission and distribution network. The expansion and renovation of the transmission and distribution network and growing construction and industrial sectors are expected to drive the demand for medium voltage transformer during the forecast period.

Transforming Transmission Network to Drive the Market

The selection of medium voltage transformer depends on the requirements of transmission and distribution network, and end user's electronic equipment requirements. Due to the growth and technological advancements in the electronic equipment industry, the electricity requirements of the residential and industrial sectors are changing.

WEARABLES - ELECTRONICS AND SEMICONDUCTOR MARKETS

Published by Information Network

Pub. Date 2018/04/01

Price

USD 2495 PDF by E-mail ~

USD 2595 PDF by E-mail & Hard Copy

www.giiresearch.com/ce/326280

Beyond the fitness/health niches, all the general purpose wearables today are really a consumer "solution" that don't add much convenience to our lives - but still incur considerable cost and inconvenience of their own. That will change soon. The healthcare industry is one of the biggest opportunities for wearables, which will be used to provide data management and display systems, enabling doctors to handle the flood of electronic health data and access it when they need it -- while examining a patient.

This report analyzes the wearable industry and markets for the two wearable camps described above. Forecasts are also presented for semiconductor content and markets for MEMs devices, sensors, CPUs and low-power MPUs, GPS, and connectivity chips.

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Chapter 8 Provider Profiles

Global Micro Thermoelectric Modules Market - Growth, Trends, and Forecast (2018 - 2023)

Published by Mordor Intelligence LLP

Pub. Date 2018/04/01

Price

USD 4250 PDF by E-mail (Single User License) ~

USD 8750 PDF by E-mail (Corporate License)

www.giiresearch.com/ce/564428

In today's world the systems manufactured are increasingly becoming smarter and the size of the devices, smaller and modular. In order to power such devices, the power required is also on the scale of micro and millivolts. Micro-thermoelectric modules are devices that have semiconductor element dimensions of less than 1.0 mm square, which allow more number of thermocouples for a given size module. These modules hold various advantages. A thermoelectric module works electrically without any moving parts, so they are virtually maintenance free and flexibility in shape. One of the unique properties of Micro thermoelectric modules is a possibility to convert heat into electricity starting from almost zero temperature difference. Additionally, technological advancements resulted in product miniaturization and gave rise to a multitude of micro devices such as microprocessors, micro sensors, microcontrollers, and micro instruments. Thermoelectric technology can be used to solve thermal problems in microelectronic circuits by catering unattended & continuous power requirements, and backup power on manned platforms for critical communications & emergency shutdown systems.

Semiconductor Demand Analysis for Smart Technology: Smart Cities, Energy, Homes, Transportation, Factory, Health

Published by Information Network

Pub. Date 2018/04/01

Price

USD 2495 PDF by E-mail ~

USD 2595 PDF by E-mail & Hard Copy

www.giiresearch.com/ce/326279

As one of the leading enablers of technological progress, semiconductors are expected to play a key role in the growing interconnectedness of things. This report addresses the markets for Sensors, Microcontrollers, and Wireless Transceivers for Smart Technology segmented by Smart Cities, Smart Transportation, Smart Homes, Smart Industry, and Smart Health.

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Artificial Intelligence Chip Market by Chip Type, Industry Vertical, Technology, and Application - Global Opportunity Analysis and Industry Forecast, 2017-2023

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USD 5350 PDF by E-mail (Data Pack) ~

USD 10469 PDF by E-mail (Enterprise User License)

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Artificial intelligence eliminates or minimizes the risk to human life in many applications. Majority of the major players in the IT industry are competing to develop artificial intelligence (AI) chips and applications.

As the amount of data is increasing, the need for more efficient systems to solve mathematical and computational problems becomes crucial. Further, the emergence of quantum computing and increase in implementation of AI chips in robotics drive the market growth to a considerable extent. The emergence of autonomous robotics-robots that develop and control themselves autonomously-presents a promising picture of the AI chip market.

Lack of skilled workforce is one of the major restraints in the AI chip market. Most of the tasks such as testing, bug fixing, cloud implementation, and others are taken over by AI chips; however, the delivery of such tasks lack essential skillsets.

The artificial intelligence chip market is segmented based on chip type, industry vertical, technology, application, and region. Based on technology, the market is categorized into GPU, ASIC, FPGA, and CPU. The industry verticals considered in the study include media & advertising, BFSI, IT & telecom, retail, healthcare, automotive & transportation, and others. System-on-chip, system-in-package, multi-chip module, and others are the technologies considered.

Global Electric Plugs and Sockets Market by Type, Power rate, and End User - Global Opportunity Analysis and Industry Forecast, 2018-2024

Published by Allied Market Research

Pub. Date 2018/04/01

Price

USD 3840 PDF by E-mail (Data Pack) ~

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The global electric plugs and sockets market was valued at \$9,971.60 million in 2017, and is estimated to reach \$15,530.20 million by 2024, growing at a CAGR of 6.7% from 2018 to 2024. Electric plugs and sockets are used for establishing protected electric connections in machines and equipment, which work on different frequencies and voltages. They are designed as a system to meet standards for safety and reliability. The global electric plugs and sockets market is expected to witness significant growth in the future, owing to increase in the industrialization across various developed and developing nations.

The Asia-Pacific electric plugs and sockets market is expected to register the highest CAGR during the forecast period, due to the rapid technological advancements and increase in dependency on electrical & electronics products by the growing population in the region.

The global electric plugs and sockets market is segmented into type, power rate, end user, and region. Based on type, the market is divided into two-pins, three-pins, four-pins, and five-pins. Based on power rate, it is categorized as high power, medium power, and low power. By end user, it is classified into residential, commercial, and industrial. Based on region, the market is analyzed across North America, Europe, Asia-Pacific, and Latin America and Middle East (LAMEA).

Global Lighting Management Systems Market - Growth, Trends, and Forecast (2018 - 2023)

Published by Mordor Intelligence LLP

Pub. Date 2018/04/01

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The increasing efficiency and reducing cost of lighting management systems are making them an economically preferred option. The growing construction industry, particularly in developing countries, is expected to drive the market during the forecast period (2018 - 2023-).

Better Efficiency of Lighting Management System is Expected to Drive the Market

The lighting management systems provide a better efficiency compared to the conventional switch operated lighting system. The technological advancements are making these systems more efficient and less expensive, which in turn are making them more attractive in terms of economic viability. These factors are driving the lighting management system demand. The lack of residential consumer awareness, particularly in developing countries, is a major restraint for the market.

Growing Construction Sector in Asia-Pacific Region to Drive the Market

Asia-Pacific region has the biggest construction sector in the world. This region comprises emerging countries, like India and China that are investing heavily in infrastructure projects. This region has one of the fastest growing population, which coupled with rapid urbanization and economic growth in the regions, is expected to drive the private construction sector.

The Global Semiconductor Equipment: Markets, Market Shares and Market Forecasts

Published by Information Network

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USD 4995 PDF by E-mail

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This report describes the semiconductor equipment markets for more than 30 different sectors and profiles 49 leading equipment suppliers in the U.S., Europe, and Asia. Market shares for each company for each sector are presented, and each sector is forecast.

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Chapter 1: Introduction

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Chapter 6: Asian Semiconductor Equipment Suppliers - Profiles

**Niche Markets and Strategies for Small/Mid-size Semiconductor
Equipment Companies**

Published by Information Network

Pub. Date 2018/04/01

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In this report we identify and forecast areas of semiconductor-related technologies where a small or mid-sized company can compete. These high-tech applications segmented as those are fabricated on 300mm wafers and those built on non-300mm wafers.

The small business even with their limited resources can better serve these market segments by offering customized offerings, because the products of the big business will often be too generic to suit the needs of a niche market audience.

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