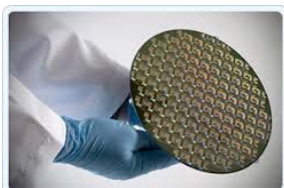




Databeans

Know Your Market

2017 Product Catalog



Market Research for:

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- Equipment Suppliers
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Product Forecasts
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Application Forecasts
Market Share

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Analog Market Tracker

About this Report

The analog market continues to evolve with more consolidation through mergers and acquisitions. This tracker provides subscribers with forecasts for analog ICs including operational amplifiers, comparators, data converters, interface, power devices, and ASSP products including RF, wired, automotive, industrial, consumer and computer ICs. This includes both high performance products as well as commodity analog products. Forecasts are provided by region, market segment, application market, and by product type. Market share is also provided for each analog IC product family. Market share is provided by region as well as world wide.



Price: \$4,000

Published Quarterly

Number of Issues: 4

For More Information: <https://www.databeans.net/downloads/category/trackers/analog-market/>

Amplifier Market Tracker

About this Report

Operational amplifiers are a key circuit used in almost every application design. They are an important building block used in the signal chain. This tracker provides forecasts for the operational amplifier market. These products are used in a wide range of applications across all market segments. Products included in this tracker include low power, low voltage, general purpose, high speed, precision, and instrumentation. Forecasts are provided by region, market segment, application, and product type. Market share is provided by region and product type.



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For More Information: <https://www.databeans.net/downloads/category/trackers/amplifier-market/>



Consumer Analog Market Tracker

About this Report

The consumer analog market includes all classes of audio power amplifiers, video specific ICs such as TV tuners and buffers, CODECs, and motor control ICs. This tracker provides forecasts for special purpose analog products used in audio, video, and other consumer applications. Forecasts are provided by region, market segment, and by product type. Market share is also provided worldwide and by region.



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For More Information: <https://www.databeans.net/downloads/category/trackers/consumer-analog-market/>

Data Converter Market Tracker

About this Report

This study provides forecasts for data converters including analog to digital converters, digital to analog converters, digital potentiometers and other mixed signal components used in conversion such as switch and mux products. Breakouts are by resolution, speed and architecture. Revenue and unit shipment forecasts are provided by region, market segment, application market, and by product type. Market share is also provided.



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For More Information: <https://www.databeans.net/downloads/category/trackers/data-converter-market/>



Interface Market Tracker

About this Report

The interface market includes both analog and digital interconnect ICs. This tracker provides forecasts for USB, serial interface, display interface, and industrial interface devices. Also included are forecasts for Ethernet ICs, UARTs and other digital interface products. Market share is also provided by region. New to the tracker includes market share for Ethernet, UARTs and wired modems.



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For More Information: <https://www.databeans.net/downloads/category/trackers/interface-market/>

Power Management Market Tracker

About this Report

Power Management continues to drive the overall analog IC market and arguably the entire semiconductor market as portable and wireless applications continue to proliferate. Power management ICs and discretes constitute 8 percent of worldwide semiconductor revenue. This tracker provides forecasts for power management products including power transistors, rectifiers, thyristors, linear regulators, switching regulators, supervisors, battery management, voltage references and other power ICs. Forecasts are provided by region, market segment, application area, and power product type. Market share is also provided.



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For More Information: <https://www.databeans.net/downloads/category/trackers/power-management-market/>



Performance Analog Market Tracker

About this Report

Performance Analog includes standard analog products and a few ASSPs that are either high speed, precision, or high efficiency power products. Products included in this tracker are high speed and precision comparators and amplifiers, high speed ADCs and DACs, high speed interface, and high efficiency power ICs. Forecasts are provided by region, application market, and by product type. Market share for high performance analog is also included.



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For More Information: <https://www.databeans.net/downloads/category/trackers/performance-analog/>

RF Power Amplifier & Transceiver Market Tracker

About this Report

The analog wireless and wired ASSP market is expected to perform well this year as consumers upgrade and replace existing smart phones. Products included in this market are power amplifiers, LNAs, RF transceivers, wired transceivers, and analog front ends used in networking. This tracker provides forecasts by region, application market, and by product type. Market share is also provided for suppliers by region and by application market. This tracker also includes shipment forecasts by equipment supplier for smart phones.



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For More Information: <https://www.databeans.net/downloads/category/trackers/rf-power-amplifier-transceiver-market/>



Timing Devices Market Tracker

About this Report

The timing devices market includes legacy crystal clocks, clock generation ICs such as multipliers, PLLs, and synchronizers, and clock distribution ICs. A relatively new technology includes CMOS oscillators and MEMs resonators and these two product markets are rapidly displacing older technology. This tracker provides forecasts for timing ICs and crystals. Forecasts are provided by region, market segment, application, and by product type. Market share is also provided.



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Published Quarterly

Number of Issues: 4

For More Information: <https://www.databeans.net/downloads/category/trackers/timing-devices-market/>

Analog Market Share Study

About this Report

The analog market is made up of application specific analog products as well as general purpose analog products including power, amplifiers, interface and data converters. Leading suppliers in this market include Texas Instruments, STMicroelectronics, Qualcomm, Analog Devices, Qorvo, and Infineon Technologies. This annual report provides market share for close to 50 suppliers. Market share is provided by region and by product segment. Market share is also provided for analog product sales into each end market including automotive, computer, consumer, wireless, wired, and industrial.



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Published Annually

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For More Information: <https://www.databeans.net/downloads/category/reports/analog-market-share/>



Digital Market Tracker

About this Report

Digital ICs include microprocessors, microcontrollers, DSPs, all logic devices, and memory. This market constitutes close to 70 percent of the semiconductor market and the products represent what most consumers understand to be “chips” sold in the high tech industry. Logic devices are broken out into general purpose devices and ASSPs. PLDs are also broken out in detail, as are microcontrollers where forecasts are provided by resolution. This tracker provides forecasts for digital ICs by region, market segments, application market and by product type. Market share is also provided for the major product families.



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Published Quarterly

Number of Issues: 4

For More Information: <https://www.databeans.net/downloads/category/trackers/digital-market/>

DSP Market Tracker

About this Report

The DSP market has slowed significantly since the rapid transition to application processors which are now used in mobile phones. There are other markets, however for the digital signal processor. Currently, the automotive market is posing the strongest opportunity for DSPs that are used to process real world analog signals. This report provides forecasts for DSP in all five market segments and includes revenue and unit shipments by region and product type. Market share is also provided by region and by market segment.



Price: \$2,625

Published Quarterly

Number of Issues: 4

For More Information: <https://www.databeans.net/downloads/category/trackers/dsp-market/>



Microcontroller Market Tracker

About this Report

Microcontrollers are used in all five market segments for electronics, but the largest market is the automotive segment and industrial embedded computing segment. This tracker provides forecasts for all resolutions of microcontrollers by market segment, application market, region, and product type. IC cards are included as well as USB controllers. Market share is also provided by region and market segment.



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Published Quarterly

Number of Issues: 4

For More Information: <https://www.databeans.net/downloads/category/trackers/microcontroller-market/>

Discretes Market Tracker

About this Report

The discretes market is by far the largest semiconductor category in terms of shipments. This tracker provides forecasts for diodes, small signal transistors, power transistors, rectifiers, thyristors, and other discretes. The power transistor market includes MOSFETs, IGBT, bipolar, and microwave power transistors. The product category includes both discrete packaged devices as well as modules. Forecasts are provided by market segment, region, and by product type. Market share is also provided.



Price: \$3,425

Published Quarterly

Number of Issues: 4

For More Information: <https://www.databeans.net/downloads/category/trackers/discretes-market/>



Sensors and MEMs Market Tracker

About this Report

The sensors and MEMs market includes revenue from sales of Microfluidic, pressure, optical and yaw rate/accelerometer MEMS and other actuators as well as temperature sensors and magnetic field sensors. Products are used in the automotive and industrial segments, but demand is growing faster in the communications and consumer segments. In this tracker, forecasts are provided by region, market segment and by product type. Market share is also provided worldwide for each sensor and MEMs product family as well as regional market share for overall sensors.



Price: \$3,800

Published Quarterly

Number of Issues: 4

For More Information: <https://www.databeans.net/downloads/category/trackers/sensors-and-mems-market/>

Industrial Market Tracker

About this Report

Industrial application markets include medical, test and measurement, process control and military/aerospace applications. This tracker provides forecasts for all semiconductor product families in the industrial application market. Forecasts are provided by region, application market, application, and by product type. Market share is also provided for the semiconductor suppliers in the industrial space as well as the OEM market share for the equipment makers. Databeans also provides the equipment makers estimates for total semiconductors purchased for each application area.



Price: \$4,000

Published Quarterly

Number of Issues: 4

For More Information: <https://www.databeans.net/downloads/category/trackers/industrial-market/>



About this Report

Semiconductors used in medical applications are part of the larger industrial semiconductor market. Long term, this market is also growing faster than the overall market and is growing share. This diverse market includes a varied list of applications spanning from high volume consumer products such as the Fitbit to low volume and highly specialized infusion pumps and specialized high performance imaging systems. This tracker provides forecasts for semiconductors used in medical applications. Forecasts are provided by region, application market, application, and by product type. Market share is provided for the semiconductor suppliers as well as the medical electronics suppliers.



Price: \$4,000

Published Quarterly

Number of Issues: 4

For More Information: <https://www.databeans.net/downloads/category/trackers/medical-market/>

Semiconductors in Medical Electronics

About this Report

For a while now, the semiconductor market has benefitted from the growing medical electronics industry which has been one of the few steady markets long term in the economy. Aging populations, rising incomes in emerging markets, and the unfortunate rise in "lifestyle" diseases are some of the macro-factors driving revenue in medical technology markets. This study provides forecasts for semiconductors by product family for the medical application market. Forecasts are provided by region, application, and product type. Market share is also provided for semiconductor suppliers and medical equipment manufacturers. Semiconductor spending is also estimated for those



Price: \$4,450

Published Annually

Number of Issues: 1

For More Information: <https://www.databeans.net/downloads/category/reports/semiconductors-in-medical-electronics/>



Semiconductors in Military and Aerospace Applications

About this Report

Semiconductors used in the military and aerospace market range from the most advanced FPGAs to commercial off the shelf catalog products used for signal acquisition and conditioning. Applications range from smart munitions to avionics and satellite communications. This report provides forecasts for semiconductors used in military and aerospace applications. Forecasts are provided by region, application market and by product type. OEM market share is provided along with an estimate for the total purchase of semiconductors by these contractors and suppliers. Market share for the semiconductor suppliers to this market is also provided.



Price: \$4,000

Published Annually

Number of Issues: 1

For More Information: <https://www.databeans.net/downloads/category/reports/semiconductors-in-military-aerospace->

Audio Market Tracker

About this Report

Audio constitutes 27 percent of the large consumer segment in terms of revenue. All types of semiconductors are used in audio applications, but the specific types of semiconductors that are functionally audio include power amplifiers, codecs, DSPs, and SoC devices that are highly integrated with audio as well as power management. This tracker provides forecasts for semiconductors used in audio applications including applications in the automotive and computer markets along with the traditional consumer segment. Forecasts are provided by region, application, and product type. Market share is provided for consumer semiconductors, analog audio ICs, digital video and audio ICs



Price: \$2,900

Published Quarterly

Number of Issues: 4

For More Information: <https://www.databeans.net/downloads/category/trackers/audio-market/>



Automotive Market Tracker

About this Report

The market for semiconductors used in automotive is around \$28 billion. The strongest growth for semiconductors is in the body electronics, safety systems, and driver assistance application areas. This tracker provides forecasts for semiconductors used in automotive by region, application segment, and by product type. Forecasts for products used in the communication hub, door locks, seat control, and other body electronics systems has been added to this study. Market share is also provided for the customers (OEMs) and for the semiconductor suppliers that are participating in this market. Semiconductor spend by OEM is also provided.



Price: \$4,000

Published Quarterly

Number of Issues: 4

For More Information: <https://www.databeans.net/downloads/category/trackers/automotive-market/>

Consumer Market Tracker

About this Report

The market for semiconductors used in consumer electronics applications is close to \$60 billion. The consumer application market includes all applications used for audio, video, white goods, and other personal consumer electronics. This tracker provides forecasts for all semiconductor families including discretely, optoelectronics, sensors, analog, logic, memory and processors. Forecasts are provided by region, application, and by product type. Market share is also provided along with market share for the OEMs and spending estimates for semiconductors by these manufacturers is also provided.



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For More Information: <https://www.databeans.net/downloads/category/trackers/consumer-market/>



Portables and Wearables Market Tracker

About this Report

The smart phone market is expected to continue to dominate demand in terms of volume. The tablet market is expected to continue to slow with other form factors eroding demand. This tracker provides forecasts for semiconductors used in these two high volume applications which constitute the majority of connected devices or Internet of Things (IoT) in terms of shipments. Forecasts are provided by region and by product type. Estimated spending on semiconductors is provided for the top producers of the end equipment and market share is provided for these OEMs as well as the semiconductor suppliers for these two application markets.



Price: \$2,500

Published Quarterly

Number of Issues: 4

For More Information: <https://www.databeans.net/downloads/category/trackers/tablet-smart-phone-market/>

Wireless Market Tracker

About this Report

The wireless market is just over \$106 billion and continues to grow share. In terms of revenue opportunity. The logic market including application processors for mobile phones is the largest product market with 36 percent share. Other large growth markets include analog ICs, memory and optoelectronics. This tracker provides forecasts for all semiconductors used in wireless applications including mobile phones, infrastructure, and short range wireless applications. Forecasts are provided by region, by application area, and by product type. Market share is also provided for the semiconductor suppliers as well as the mobile phone and infrastructure suppliers. Semiconductor



Price: \$3,775

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Number of Issues: 4

For More Information: <https://www.databeans.net/downloads/category/trackers/wireless-market/>



Asia Pacific Market Tracker

About this Report

The Asia Pacific semiconductor market is expected to reach \$235 billion and constitute over 60 percent of the worldwide semiconductor market. China alone makes up 48 percent of that market followed by Taiwan and South Korea. This tracker provides semiconductor revenue and unit shipment forecasts for the Asia Pacific region by country. Forecasts are provided by each product category and market share is included.



Price: \$3,800

Published Quarterly

Number of Issues: 4

For More Information: <https://www.databeans.net/downloads/category/trackers/asia-market/>

Semiconductor Market Tracker

About this Report

The semiconductor market continues to outperform many of the world's industries. With an estimated total available market of over \$350 billion, this market drives technology innovation. This tracker provides a global and regional view of the semiconductor market. Forecasts are provided by market segment and application area. Product forecasts are provided for the major product categories along with market share for the same.



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For More Information: <https://www.databeans.net/downloads/category/trackers/semiconductor-market/>



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