

Integrated Passive Devices Market by Material (Silicon, Glass), Passive Devices, Application (ESD/EMI, RF IPD, Digital & Mixed Signals), Wireless Technology (WLAN, Bluetooth, GPS, Cellular), End Use Industry, and Geography - Global Forecast to 2023

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Abstracts

“The integrated passive devices (IPD) market is likely to grow at a significant CAGR between 2018 and 2023”

The IPD market is expected to reach USD 1,544.9 million by 2023 from USD 1,011.2 million in 2018, at a CAGR of 8.8% between 2018 and 2023. The growth of the IPD market is driven by factors such as increasing adoption of IPD in consumer durables, integration of IPDs into RF applications, and increasing demand for miniaturized and high-performance electronic devices. However, high cost of IPDs compared to discrete components is restraining the growth of the market.

“WLAN accounted for the largest share of the IPD market in 2017”

A wireless local area network is a wireless network that links two or more devices using wireless communication within a limited area (home, school, computer laboratory, and buildings). WLANs find its application in smartphones, digital cameras, personal computers, tablet computers, and digital audio players, and other smart devices. Such devices can get connected to the Internet through a wireless access point. Miniaturized trend in the aforementioned devices is responsible for the dominance of IPD based miniaturized Wi-Fi system modules during the forecast period.

“EMEA accounted for the largest share of the IPD market in 2017”

The presence of IPD manufacturers, such as Infineon Technologies (Germany), STMicroelectronics (Switzerland), and IPDiA, (France) that develop innovative products based on effective research and development drives the IPD market in EMEA. Furthermore, increased technical advancements and high investments by key organizations and surging interest for passive devices are expected to boost the growth of IPD in EMEA.

Following is the breakup of the profiles of primary participants for the report:

By Company Type: Tier 1 – 20%, Tier 2 – 55%, and Tier 3 – 25%

By Designation: C-Level Executives – 45%, Directors – 30%, and Others – 25%

By Region: Americas – 45%, EMEA – 35%, and APAC – 20%

Key players in the IPD market include STATS ChipPAC (Singapore), ON Semiconductor (US), Infineon (Germany), STMicroelectronics (Switzerland), Murata (Japan), Johanson, (US), OnChip Devices, (US), Global Communication Semiconductors, (US), 3DiS (France), and Advanced Furnace Systems (Taiwan).

Research Coverage:

The research report covers the IPD market by material, wireless technology, passive devices, end use industry, application, and geography. The market has been segmented on the basis of material into silicon, glass and others. Based on passive devices, the IPD market has been classified into baluns, couplers, diplexers, filters, customized IPDS and others. The market has been segmented on the basis of application into ESD/EMI, RF IPD, digital and mixed signals, and others. The market has been segmented on the basis of wireless technology into WLAN, Bluetooth, GPS, cellular and others. Based on the end use industry, the IPD market has been classified into consumer electronics, automotive, communication, aerospace & defense and healthcare & lifesciences. Moreover, the report covers the market in the Americas, Europe, Middle East, and Africa, and Asia Pacific (APAC).

Key Benefits of Buying the Report:

Illustrative segmentation, analysis, and forecast for the market based on material, wireless technology, passive devices, end use industry, application, and geography have been conducted to give an overall view of the IPD market.

The major drivers, restraints, opportunities, and challenges pertaining to the IPD market have been detailed in this report.

The report includes a detailed competitive landscape, and revenue of key players.

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