



September 13, 2017

TMC NEWS

High Speed Serial Switch Fabrics Market - Global Industry Analysis, Size, Share, Growth, Trends and Forecast 2017 - 2025

NEW YORK, Sept. 13, 2017 /PRNewswire/ -- The report provides analysis of different drivers that are impacting the global high speed serial switch fabrics market along with restrains and opportunities as per the scope of the report. For each segment (such as product type and application) market analysis is provided. Additionally taking into consideration all the drivers, an extensive geographical growth analysis is provided for the forecasted period has been provided in the report.

Read the full report: <https://www.reportlinker.com/p05098942>

The major players in the market have been profiled across five broad geographical regions. The profile include business strategies adopted these players in the automotive polycarbonate glazing market. Further, the report includes market attractiveness analysis of four different automotive glazing application and insights into the market.

High Speed Serial Switch Fabrics Market: Market Dynamics

Switch fabrics concepts have originated in telecommunication industry more than 150 years ago. High speed switched fabric is defined as a switching system that aims at connecting devices together with an objective to support multiple simultaneous data transfers which is basically implemented with a crossbar switch. The data is sent in the form of packets with the help of information contained in the packet header for error detection, identification, correction and routing. Users of high speed switched fabric mainly use serial links owing to the recent advances in the serial data technology.

There is a rising demand of signal processing in defense and aerospace application. High speed switch serial fabric networking application is gaining popularity as parallel processing architectures is advancing from the OpenVPX Multiplane Architecture and industry standards. High-performance applications such as electronic warfare, radar and signals intelligence are using this technology for signal processing. In aerospace and defense sector there is a need to move enormous volumes of data as rapidly through their computing solution.

Across the globe, the demand of high speed data transfer technology is growing at a rapid space. High speed serial switch fabric systems conform to commercial standards that move data quickly. Moreover, the high speed signal processing eliminates the time and risk associated with new technology system development. With the increasing pressure in defense and commercial arenas it is anticipated that high speed signal processing is expected to drive this product market during the forecast period.

There is a growing adoption of networking switch fabrics across the world. The switch fabric in networking means a topology of how a network is connected in a circuit-switched or data network. Current trend of data networking has added more value and pushed the concept in new levels. In addition, switching technology, chip and connectivity are used to join bits in networking fabrics. In some instance, this switch fabrics are used as single switch which is known as switch on a chip.

Across the globe, data network were developed due to increasing demand of data network from various end use industry. Companies operating in this market are focusing on innovations in networking fabrics switches which can support end user industries demand. Among others networking high speed serial switch fabrics, ethernet switch has increased its popularity due to increasing usages of high speed data transfer in telecommunication industry and data center.

With the obsolescence of traditional data transfer problem, the high speed serial switch fabrics integration is likely to continue to expand the market share during the forecasted period.

High Speed Serial Switch Fabrics Market: Competitive Landscape

The report highlights the various competitive strategies adopted by key players to gain market share. Company profiles include company details, market presence by segment and geography, strategic overview, SWOT analysis and historical revenue. The report also contains details of market share analysis of key players in the market. Major firms operating in the

high speed serial switch fabric market are Pentek, Inc. (the U.S), Microsemi Corporation (the U.S), Cisco Systems, Inc. (the U.S), Broadcom Corporation (the U.S), Sierra Wireless (Canada), Curtiss-Wright Corporation (the U.S), Intel Corporation (the U.S), Integrated Device Technology Inc.(the U.S) and Macom (the U.S).

The global High Speed Serial Switch Fabrics Market has been segmented into:

Global High Speed Serial Switch Fabrics Market, by Product Type

Layer Switching

Network Core Switching

VLAN Switching

Others

Global High Speed Serial Switch Fabrics Market, Application

Data center consolidation

Security

Audio and Video Transmission

Others

Global High Speed Serial Switch Fabric Market, by Geography:

North America

Europe

Asia Pacific

Latin America

Middle East and Africa

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