

North America Digital Signal Processor Market (2019-2025)

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Abstracts

The North America Digital Signal Processor Market would witness market growth of 7.6% CAGR during the forecast period (2019-2025).

The digital signal processor can be understood as an expert microprocessor that processes digital data through mathematical manipulation in order to analyze the information contained therein. Digital signal processor processes data in real-time, ensures repeatability, high data throughput, optimal and accurate output and is reprogrammable by software. The use of digital signal processing is not restricted only to consumer electronics; DSPs are also commonly used in the automotive sector. The manufacturing of vehicle parts and vehicle surveillance equipment, in particular by location-based service providers, has expanded the use of digital signal processing. Indeed, the producers of automotive equipment have significantly boosted the growth of the international DSP industry.

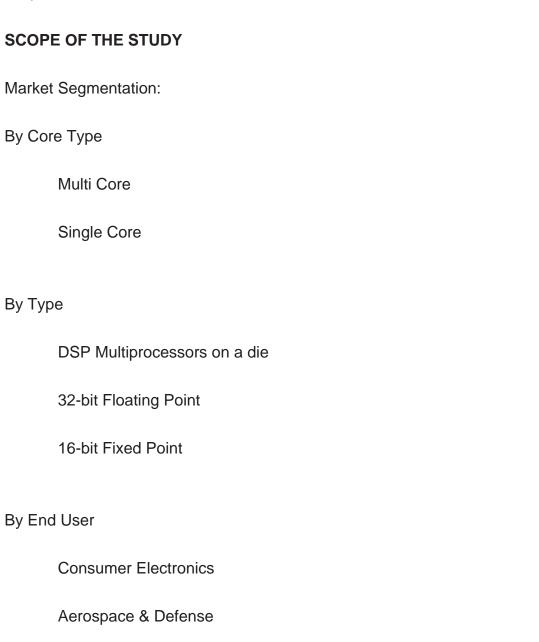
In addition to augmenting the competence of the DSP market, the increasing demand for technologically advanced digital signal processing has allowed access to different applications. Furthermore, the increased use of DSP chips in the customer electronics industry has encouraged the wide-ranging acceptance of digital signal processing. Of all the different types among digital cameras, printers, consumer electronics, and set-top boxes, the highly saleable ones have promoted the growing use of digital signal processing.

Based on Core Type, the market is segmented into Multi Core and Single Core. Based on Type, the market is segmented into DSP Multiprocessors on a die, 32-bit Floating Point and 16-bit Fixed Point. Based on End User, the market is segmented into Consumer Electronics, Aerospace & Defense, Automotive, Manufacturing, Healthcare



and Others. Based on countries, the market is segmented into U.S., Mexico, Canada, and Rest of North America.

The market research report covers the analysis of key stake holders of the market. Key companies profiled in the report include Analog Devices, Inc., Broadcom, Inc., Infineon Technologies AG, NXP Semiconductors N.V., Qualcomm, Inc., Samsung Electronics Co., Ltd. (Samsung Group), STMicroelectronics N.V., Texas Instruments, Inc., Toshiba Corporation and Xilinx, Inc.



Automotive

Manufacturing



Healthcare	
Others	
By Country	
US	
Canada	
Mexico	
Rest of North America	
Companies Profiled	
Analog Devices, Inc.	
Broadcom, Inc.	
Infineon Technologies AG	
NXP Semiconductors N.V.	
Qualcomm, Inc.	
Samsung Electronics Co., Ltd. (Samsung Group)	
STMicroelectronics N.V.	
Texas Instruments, Inc.	
Toshiba Corporation	
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