

2015-2023 World Embedded Market Research Report by Product Type, End-User/Application and Regions/Countries

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Abstracts

SUMMARY

An embedded system is a combination of software and hardware which together facilitate the accurate functioning of a target device. The significant characteristics of an embedded system are speed, power, size, accuracy, reliability and adaptability. Embedded systems can be defined as application-specific, special purpose systems and they are designed typically for meeting real time constraints. These systems are used across a diverse range of application areas which include automotive, telecommunication, healthcare, industrial, consumer electronics, and military & aerospace among others. The global embedded system has been segmented on the basis of hardware and software, including processor IP, microcontrollers and microprocessors, digital signal processors, application-specific integrated circuit, field processing gate arrays, embedded boards, operating systems, software development and testing tools, middleware, open-source software and tools.

This report includes market status and forecast of global and major regions, with introduction of vendors, regions, product types and end industries; and this report counts product types and end industries in global and major regions.

Market Segment as follows:

By Region/Countries

North America (U.S., Canada, Mexico)

Europe (Germany, U.K., France, Italy, Russia, Spain etc)

South America (Brazil, Argentina etc)

Middle East & Africa (Saudi Arabia, South Africa etc)

By Type

type 1

type 2

type 3

By End-User/Application

Automotive

Telecommunication

Healthcare

Industrial

Consumer Electronics

Military & Aerospace

By Company

Renesas Electronics

STMicroelectronics

NXP(Freescale)

Texas Instruments, Inc.

Xilinx

Altera

Infineon Technologies

Microchip

Intel Corporation

Fujitsu Limited

Atmel

ARM Limited

Advantech

Kontron

Analog Devices

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