

Asia-Pacific Power Management Integrated Circuit (PMIC) Market (2016 - 2022)

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Abstracts

Power Management Integrated Circuits (PMICs) are electronic components which offer highly integrated, high-performance power management solutions to different end users, namely, automotive, consumer electronics, telecommunication & networking, and others. PMICs, due to features such as power management, system control, battery management, interface & audio functions, and other system specific functions has the ability to offer optimum integration solutions. The PMICs today are majorly used in voltage regulators, battery management IC, integrated ASSP power management IC, motor control IC, etc. With the integration of PMIC's, it is possible to design high-efficiency solutions which lead to extended battery life and also reduce power dissipation.

PMIC market is growing rapidly due to factors such as technological advancements and increased demand for battery-operated devices. Additionally, exponential growth in the sales of consumer electronics, especially smartphones, and unprecedented growth in the automobile sector have further contributed to the market growth. Substantial growth in the use of next generation mobile networks such as 3G, 4G, and 5G are expected add to the market growth significantly. Adding to the aforementioned factors, increased adoption of data centers, substantial growth within the light emitting diode (LED) market, growing awareness of energy efficient solutions, growth in renewable energy market & smart grids, and widespread adoption of PMICs in hybrid electric vehicles are some of the major factors that are driving the market growth.

Based on the Product Type, the Power Management Integrated Circuit (PMIC) market is segmented into Voltage Regulator, Integrated ASSP, Battery Management ICs, Motor Control IC, and Others. Based on the Vertical, the market is segmented into Consumer Electronics, Automotive, Telecom & Networking, Industrial, and Others.

Based on country, Power Management Integrated Circuit (PMIC) market is segmented into China, Japan, India, South Korea, Singapore, Taiwan and Rest of Asia-Pacific. China remained the dominant country in the Asia-Pacific Power Management Integrated Circuit (PMIC) market in 2015. Taiwan and India would witness promising CAGR during the forecast period (2016-2022).

The report covers the analysis of key stake holders of the Power Management Integrated Circuit (PMIC) market. Key companies profiled in the report include Texas Instruments Inc., Maxim Integrated Products Inc., Infineon Technologies AG, Cypress Semiconductor Corporation, NXP Semiconductors N.V., Omron Corporation, Renesas Electronics Corp, and STMicroelectronics N.V.

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