

The Semiconductor Chip Shortage in India: Analyzing Causes, Impacts, and Strategic Solutions

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Abstract: *The semiconductor chip shortage has emerged as a significant global challenge, impacting various industries, from consumer electronics to automotive manufacturing. This paper explores the causes, impacts, and potential solutions to the semiconductor chip shortage in India. It examines both global factors, such as supply chain disruptions and geopolitical tensions, and domestic challenges, including limited manufacturing capabilities and reliance on imports. The research also reviews government policies and initiatives aimed at enhancing domestic semiconductor production. By analyzing the current landscape, this paper aims to provide strategic recommendations to mitigate the effects of the shortage and strengthen India's position in the global semiconductor supply chain.*

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