

By 2015, the innovation of the system and mechanism for the development of the integrated circuit industry has achieved remarkable results, and a financing platform and policy environment that are compatible with the laws of industrial development have been established. The sales revenue of the integrated circuit industry exceeded 350 billion yuan. The integrated circuit design technology in some key areas such as mobile smart terminals and network communications is close to the world's first-class level. The 32/28 nanometer (nm) manufacturing process has achieved large-scale mass production, and the sales revenue of mid-to-high-end packaging and testing accounts for more than 30% of the total revenue of the packaging and testing industry. 65-45nm key equipment and key materials such as 12-inch silicon wafers have been used on the production line.

By 2020, the gap between the integrated circuit industry and the international advanced level will gradually narrow, the average annual growth rate of sales revenue in the industry will exceed 20%, and the sustainable development capacity of enterprises will be greatly enhanced. The integrated circuit design technology in key areas such as mobile smart terminals, network communications, cloud computing, the Internet of Things, and big data has reached the international leading level, and the industrial ecosystem has been initially formed. The 16/14nm manufacturing process has achieved large-scale mass production, the packaging and testing technology has reached the international leading level, key equipment and materials have entered the international procurement system, and an advanced, safe and reliable integrated circuit industry system has been established.

By 2030, the main links of the integrated circuit industry chain will reach the international advanced level, and a number of enterprises will enter the international first echelon and achieve leapfrog development.