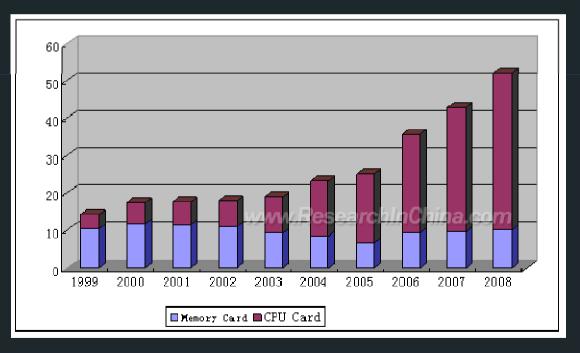


China IC Card and Smart Card Industry Report, 2007-2008 (Second Edition)



The report has made depth analysis and forecast of China IC card market, focus on the six key global IC chip suppliers, and nearly 50 manufacturers in china of IC card chip, COS, card packaging and IC card device.

The global SIM card shipment has reached 2.6 billion cards in 2007, up 27% year-on-year; the overall percentage of 3G SIM cards was 14%. According to SIM Alliance, the market scale of SIM card will break 3 billion by the end of 2008, considering the great demand from mobile operators in developing countries. For example, China Mobile, the global largest telecom operator, had ordered more than 280 million cards in the first three quarters of 2007, rising 60% compared to the same period in 2006. Moreover, the shipment of mobile phone card was 650 million in china in the year of 2007. India market also enjoyed a dramatically growth, its mobile phone card shipment had increased to 194 million cards in 2007 from 123 million cards in 2006, rising 58% year-on-year; Latin America, Mid East and Africa were also achieved a great market growth in 2007.



Global Shipment of Memory Card and CPU Card, 1999-2008 (Unit: 100 million)

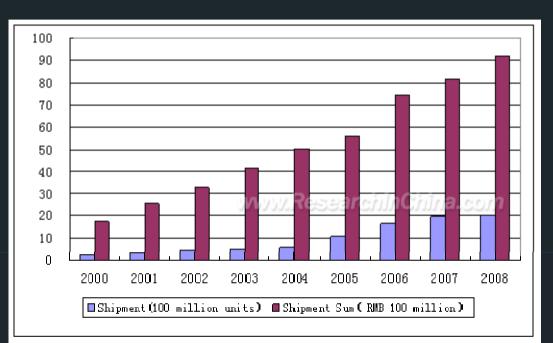
Source: Eurosmart

From the figure above, it can be seen that the total IC card shipment keeps a growth; meanwhile, the shipment ratio of CPU card keeps an increase as well, however, the memory card shipment declines. The growth of memory card shipment in 2006 and 2007 was mainly attributed to second generation ID card project and bus card project in china, about 300 million ID cards and 30 million bus cards were issued respectively during the period. According to the Eurosmart, the shipment of CPU card will reach as many as 4.205 billion by the end of 2008.

According to China Information Industry Trade Association, IC card shipment in china was 1.08 billion cards in 2005, up 91.8% year-on-year; and the shipment value increased 11.1% to RMB 5.607 billion. In 2006, the shipment was 1.676 billion cards, rising 55.2% year-on-year; and the shipment value rose 32.4% to RMB 7.426 billion. The shipment reached 1.993 billion cards in 2007, ascending 19% compared to 2006; and the shipment value was RMB 8.165 billion, only increased 9%, which was mainly due to the price drop, especially the dramatic price drop of SIM cards.

Based on the information from China Information Industry Trade Association, by the method of time series and taking the factors into account like the second generation ID card project and EMV transfer project of bank cards as well as the 2008 Olympic Game, ResearchInChina estimated that IC card shipment in China will reach 2.02 billion cards by the end of 2008, and the shipment value will reach RMB 9.21 billion.

China IC Card Shipment and Shipment Value, 2000-2008



Source: China Information Industry Trade Association

In 2007, Infieon had the best sales performance in global IC card chip Market, followed by NXP, Samsung, Atmel, Renesas and ST Microelectronics, they are all together had 92.1% shares of global IC card chip market.

During 2007-2008, the development of China IC card market is featured as enhanced application in traditional sectors as well as continual new applications. In addition, the application system has entered the new updating period (such as social insurance CPU card and non-contact CPU card).

ResearchinChina

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