

Samsung Electronics to Invest \$4 Billion in Advanced Packaging Plant in Vietnam, Intensifying AI Semiconductor Competition

2026-04-09 09:55 (GMT-5)



Samsung Electronics is constructing a \$4 billion advanced semiconductor packaging (back-end process) plant in Vietnam to secure a leading position in the AI chip competition. An initial \$2 billion will be invested in the first phase, with South Korea's Ministry of Finance stating it is negotiating a related Memorandum of Understanding (MOU). This strategic move, coming as the importance of advanced packaging technologies like HBM grows, is seen as an effort to develop Vietnam—already a key smartphone production base—into a core semiconductor hub and mitigate geopolitical risks. Samsung is the largest foreign investor in Vietnam, with cumulative investments exceeding \$23.2 billion.

Key Elements

Samsung Electronics Vietnam Semiconductor Packaging AI HBM Thai Nguyen

Global Supply Chain Advanced Packaging Back-End Process

Vietnam Ministry of Finance



Samsung v. TopWire | IPR2026-00324

Ex. 2031



Samsung Electronics is building a large-scale advanced packaging (back-end process) plant in Vietnam to seize the initiative in the artificial intelligence (AI) semiconductor race. The total investment is **\$4 billion (approximately 6 trillion won)**, with an initial **\$2 billion** slated for the first phase. This is interpreted as a strategic decision to cultivate Vietnam, already a smartphone production stronghold, into a key semiconductor hub amid global supply chain restructuring and rising geopolitical risks.

According to major foreign media and the semiconductor industry on the 10th, Samsung Electronics is pushing forward with an investment plan of about **\$4 billion** to establish an advanced semiconductor packaging plant in the Thai Nguyen region of northern Vietnam. Vietnam's Ministry of Finance stated in a release that it is "cooperating with Samsung to sign a Memorandum of Understanding (MOU) regarding the semiconductor project." According to reports from Bloomberg and others, Samsung Electronics plans to first execute the **\$2 billion** first-phase investment, then gradually expand investments based on market conditions and demand.

The core of this investment lies not in front-end processes focused on wafer production, but in back-end processes such as packaging and testing, which turn chips into finished products. Analysts say this shows Samsung is taking preemptive action as the importance of advanced packaging technologies, like High Bandwidth Memory (HBM)—a core component of AI semiconductors—surges. With exploding demand for AI servers, data centers, and AI devices driving a sharp increase in demand for high-performance packaging chips, competition among global semiconductor companies to secure advanced packaging capabilities is intensifying.

Vietnam is already established as one of Samsung Electronics' largest smartphone production bases. With the addition of a semiconductor back-end process plant,

following smartphones."

Investment Phase	Investment Scale	Key Details
Phase 1 (Initial Investment)	\$2 billion	Initial investment for construction of advanced packaging plant
Total Plan	\$4 billion	Total investment scale through phased expansion

This investment is also significant from the perspective of responding to the deepening geopolitical risks between the U.S. and China. It is seen as part of a strategy to reduce dependence on China and establish Southeast Asia as a new production base. Indeed, major global big tech and semiconductor companies have recently been trending towards making Vietnam and India, among others, new supply chain hubs.

Samsung Electronics is one of the largest foreign direct investment (FDI) companies in Vietnam. As of early 2026, its cumulative investment exceeded **\$23.2 billion**. It operates six manufacturing plants and a large - scale R&D center in locations including Hanoi, Thai Nguyen, Bac Ninh, and Ho Chi Minh City, creating employment for about 87,000 people. The Thai Nguyen region has grown into a key Samsung production base since a smartphone factory was established there in 2013. In 2022, the company added a **\$920 million** investment, bringing its cumulative investment there to **\$2.3 billion**, and earlier this year, it decided to invest an additional **\$1.2 billion** for the production of advanced printed circuit boards (PCBs).

Vietnam is a crucial country responsible for Samsung's global smartphone production. After building its first factory in Bac Ninh province in the north in 2008, it has grown into the world's largest smartphone production base. As Vietnam's largest exporter, the supply chain centered on Samsung is expanding into high - value - added areas like smartphones, components, displays, and R&D. However, Vietnam's electronics industry

competition in the new battlefield of advanced packaging in the AI era. Analysts say Samsung is diversifying its production capabilities to gain an edge in the HBM competition with rival SK Hynix and to counter the pursuit of packaging technologies by foundry competitors like Taiwan's TSMC. By establishing an advanced packaging plant in Vietnam, the intent is to secure not only cost efficiency but also supply chain stability and flexibility simultaneously.

Market experts assess this investment will be a significant milestone in Samsung Electronics' long-term AI semiconductor strategy. With AI chip demand expected to grow continuously, advanced packaging capability has emerged as a core factor determining competitiveness in the high-performance computing (HPC) and data center markets. Samsung's expanded investment in Vietnam is seen not merely as a shift in production base, but as a strategic deployment to preempt the future semiconductor market.

 Like  Favorite  Share

Related Stocks



More Related News

- FuriosaAI Partners with Broadcom to Develop 2nm, HBM4 - Based AI Inference Chiplet; Sampling Targeted for 2028 13 hours ago
- A-Shares Under Early Pressure: Semiconductor Supply Chain Retreats Broadly; Power and Computing Rental Sectors Buck the Trend 19 hours ago

Samsung Bets \$1.5 Billion on Vietnam Chip Testing Plant, Targeting Mature

yesterday

Samsung v. TopWire | IPR2026-00324

Ex. 2031



Search for news, tickers or companies



Real-time News

Watchlist

Market

Earnings Call

Event Calendar

Podcast



Samsung Electronics' Vietnam Unit Q1 Net Profit Tops \$711 Million, SEVT Becomes Most Profitable Global Subsidiary

2 days ago



Samsung Chip Staff to Get Up to ₩600 Million Each as Record Bonus Deal Passes, Sparking Internal Strife

2 days ago



Real-time News

Podcast

Watchlist

Favorites

US Market | Earnings Call | Event Calendar

Japan Market | Earnings Call | Event Calendar

Taiwan Market | Earnings Call | Event Calendar

China & HK Market | Event Calendar

English



© 2026 BigGo Finance

The news and data on this website are for reference only and do not constitute investment advice or an offer to buy or sell. Information is sourced from exchanges and public sources, and may be delayed, interrupted, or updated. While we strive for accuracy, we do not guarantee timeliness, correctness, or completeness. Content may include external links for which we are not responsible. By using this site, you agree that we and our partners are not liable for any losses. Investment carries full responsibility; please carefully assess risks and consult professionals. If there are errors in the content, please [contact us](#) for correction.