

TSMC's Japan Expansion and Japanese Semiconductor Vendors' Deployment Strategies (pre-order)

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Abstracts

After TSMC, the world's largest fab foundry, announced the establishment of a US\$12 billion factory in the United States in 2020, the company recently said it will set up a new fab, called JASM (Japan Advanced Semiconductor Manufacturing) with Sony in Kumamoto, Japan. Pursuant to the agreement, Sony will invest US\$500 million to seize a stake of less than 20% in JASM while TSMC will spend US\$2.12 billion and the Japanese government will provide financial support through 400 billion Yen (US\$3.5 billion; US\$1 = 114.1 Yen) subsidies. This report looks into Japanese semiconductor vendors' deployment plans such as Sony, Renesas, and Denso and analyzes TSMC's motive to set up a new fab in Japan from the perspective of cooperation between wafer foundries and their customers.

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