

Singapore Smart Micro-Module Factory



Overview

While the shell of the building, known as the Micron Singapore Bendemeer (MSB) site to employees, comes from an era before PCs arrived in homes, its several manufacturing floors and clean rooms have undergone high levels of automation to make the advanced storage modules that. While the shell of the building, known as the Micron Singapore Bendemeer (MSB) site to employees, comes from an era before PCs arrived in homes, its several manufacturing floors and clean rooms have undergone high levels of automation to make the advanced storage modules that. Recognised by the World Economic Forum, these sites use AI and smart technologies to scale production and strengthen supply chains across industries, shaping the future of manufacturing in South-east Asia. Factories in Singapore are enabled to deploy artificial intelligence and other advanced. Producing semiconductors to consumer goods, these six smart factories have been recognised by the World Economic Forum for pioneering cutting-edge technologies in manufacturing. A World Economic Forum (WEF) “Lighthouse” designation is a clear benchmark for state-of-the-art manufacturing excellence. 27, 2026 (GLOBE NEWSWIRE) -- Micron Technology, Inc. This new facility represents a planned investment of approximately US \$24. Smart Modular Technology Pte Ltd was setup for the goal of producing affordable commercial products for high performance signal conversion/conditioning. PHOTO: Micron Situated opposite a row of public flats and surrounded by newer factory buildings around it, the Micron Technology assembly facility in Bendemeer Road in. Smart factories, powered by Industry 4.



Article Content

Sep 19, 2025

Top 10 Electronics Manufacturing Companies in

Outlook for Singapore's Electronics Manufacturing Singapore's manufacturing sector, particularly electronics, is a growing and changing one with

Jul 11, 2025

Micron to create 1,600 jobs with new Singapore wafer ...

The jobs will focus on fab engineering and operations, integrating AI, advanced robotics and smart manufacturing technologies to enhance efficiency and innovation.

Sep 13, 2025

SMART MODULAR

Smart Modular Technology Pte Ltd was setup for the goal of producing affordable commercial products for high performance signal conversion/conditioning. Now

May 21, 2026

Singapore's six WEF Lighthouse Factories: How they're shaping the ...

Producing semiconductors to consumer goods, these six smart factories have been recognised by the World Economic Forum for pioneering cutting-edge technologies in manufacturing.

Jul 26, 2025

Press Release

About the Singapore Economic Development Board The Singapore Economic Development Board (EDB), a government agency under the Ministry of Trade and Industry, is

Dec 07, 2025

Are microfactories the future for the manufacturing sector?

Building the factories of the future Microfactories certainly look like the factories of the future, but how does a manufacturer know if it should change its

Feb 19, 2026

Singapore's Advanced Manufacturing Industry | EDB

Singapore's advanced manufacturing industry powers Industry 4.0 transformation with top talent, innovation and infrastructure. See why MNCs invest in Singapore.

Apr 03, 2026

Micron Launches HBM Facility in Singapore as

Recently, U.S.-based memory giant Micron Technology announced the groundbreaking of a new HBM (High Bandwidth Memory) advanced

Oct 13, 2025

Singapore, Germany join hands in model factory

SINGAPORE - The Republic's first model factory will have a sister facility in Germany, thanks to a memorandum of understanding inked at its launch

Apr 06, 2026

STMicroelectronics: Our technology starts with you

Apr 23, 2026 STMicroelectronics Reports Q1 2026 Financial Results Mar 16, 2026
STMicroelectronics accelerates global adoption and market growth of Physical AI

Apr 10, 2026

Micron bets \$7 billion on Singapore as AI's new

SINGAPORE: Micron Technology has announced a significant investment of US\$7 billion to build a state-of-the-art semiconductor packaging

Apr 03, 2026

Micron plans \$24-billion memory chipmaking plant in

U.S. memory chipmaker Micron Technology said on Tuesday it plans to build a \$24-billion chip manufacturing plant in Singapore, as it races to boost

Apr 17, 2026

Micron to build semiconductor packaging facility in

Micron Technology has announced its plan to build a high-bandwidth memory (HBM) advanced packaging facility in Singapore to meet the demands of

Jul 04, 2025

ASM Singapore: Smart Factory

With its five SMT Centers of Competence around the globe and a close network of innovative customers and industry partners, ASM is taking the lead in the step-by

Dec 01, 2025

Inside Singapore's Smart Factories Gaining Global Recognition

Explore how six smart Singapore factories are using advanced technologies to gain global recognition in manufacturing. Read more at [straitstimes](#) .

Feb 14, 2026

Micron Breaks Ground on New HBM Advanced

Micron's current facility in Singapore is the first front-end semiconductor fab in the world to be recognized as the Advanced Fourth

Apr 15, 2026

Micron to invest \$30.5 billion in Singapore | The Straits Times

Micron is investing \$30.5 billion in a new Singapore plant to boost chip production and create 1,600 jobs amidst booming AI demand. Read more at [straitstimes](#) .

Apr 18, 2026

Micron's \$9.5b chip plant to give Singapore foothold in

Deputy Prime Minister Gan Kim Yong, who is also Minister for Trade and Industry, told the ceremony that Micron's HBM plant will allow Singapore to

Sep 06, 2025

Micron SG Fab 10A PR_Final3

Micron's NAND Center of Excellence, which includes NAND flash memory operations in Singapore along with assembly and test operations in both Singapore and Malaysia, incorporates the latest

Aug 05, 2025

Singapore's Innovative Semiconductor Industry | EDB

Singapore hosts a wide range of semiconductor companies, including global leaders like GlobalFoundries, Micron, and Infineon. Our ecosystem spans

Mar 07, 2026

Micron to create 1,600 jobs with new Singapore wafer ...

SINGAPORE: American memory chip maker Micron Technology on Tuesday (Jan 27) broke ground on an advanced wafer fabrication facility that will be Singapore's first double-storey

Feb 25, 2026

Tiny Singapore's chip hub retains a big punch | Reuters

Tiny Singapore is punching above its weight in global chipmaking. NXP Semiconductors and Vanguard International Semiconductor Corporation

Dec 14, 2025

Singapore Smart Factory Market (2025-2031) | Trends, Outlook

Smart factories, powered by Industry 4.0 technologies, are transforming Singapore manufacturing landscape. The Singapore smart factory market offers solutions that leverage automation, data

May 09, 2026

Smart Factory and Smart Distribution Centre | Schneider

Across our Smart Factories and Smart Distribution Centres, we've reduced energy costs by between 10% and 30% and maintenance costs between 30% and 50%.

Jan 29, 2026

Micron Named Sustainability Lighthouse by the World

Micron Singapore among the first semiconductor manufacturers and only one with front-end fabrication to be recognized BOISE, Idaho, Oct. 13, 2022

Feb 08, 2026

Micron Breaks Ground on Advanced Wafer Fabrication

These positions will focus on fab engineering and operations, integrating AI, advanced robotics and smart manufacturing technologies to

Jan 05, 2026

Electronic Component Distributor Singapore

Headquartered in Singapore FABtronics is a leading Distributor and Global Supply Partner of Franchise Quality Electronic Components and Semiconductor

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://regen-power.co.za>

Email: info@regen-power.co.za

Phone: +49 176 845 2036

Address: Taunusanlage 15, 60325 Frankfurt am Main, Germany

This document is for informational purposes only. Specifications subject to change without notice.

