

2021

- Approves investment to set up a subsidiary – TSMC Japan 3DIC R&D Center, Inc.
- Announces the establishment of subsidiary Japan Advanced Semiconductor Manufacturing, Inc. (JASM)
- Commits to reaching net-zero emissions target by 2050
- Selected as an index component of the semiconductor constituent company of The Dow Jones Sustainability Indices (DJSI) for **21** consecutive years
- As of end-2021, obtained a total of **37** US LEED (Leadership in Energy and Environmental Design) certifications – **3** Platinum and **34** Gold
- As of end-2021, obtained EEW (Ecology, Energy Savings, Waste Reduction and Health) certification for a total of **25** Taiwanese green buildings – **20** Diamond, **4** Gold, and **1** Silver

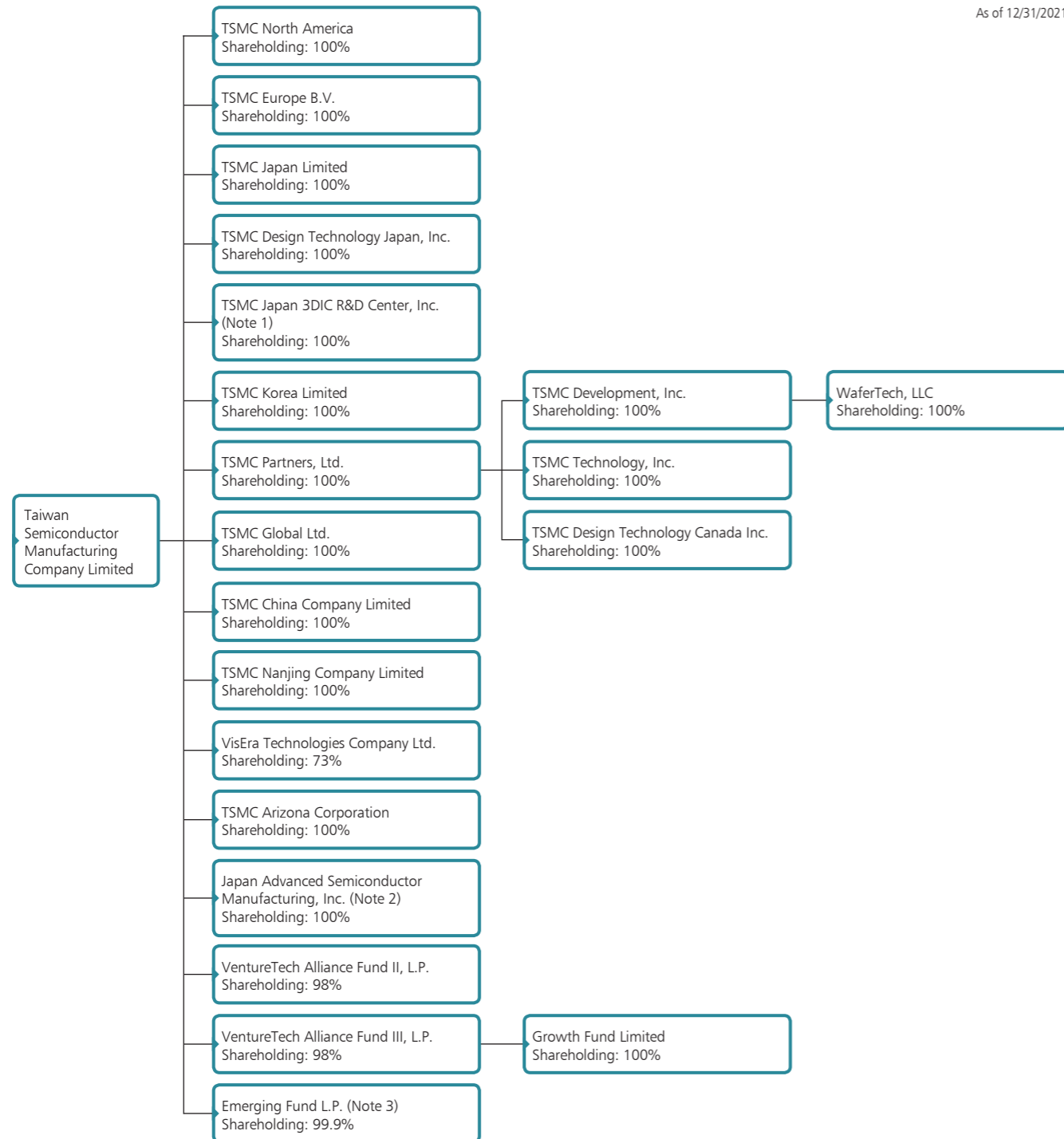


8. Subsidiary Information and Other Special Notes

8.1 Subsidiaries

8.1.1 TSMC Subsidiaries Chart

As of 12/31/2021



Note 1: TSMC Japan 3DIC R&D Center, Inc. is established in March 2021.

Note 2: Japan Advanced Semiconductor Manufacturing, Inc. (JASM) is established in December 2021 and has increased its capital in January 2022. After the increase in capital, TSMC's shareholding in JASM decreased from 100% to 81%. This transaction was accounted for as an equity transaction since the transaction did not change TSMC's control over JASM. The decrease of TSMC's shareholding percentage is caused by Sony Semiconductor Solutions Corporation's investment in JASM as a minority shareholder.

Note 3: Emerging Fund L.P. is established in January 2021.

8.1.2 Business Scope of TSMC and Its Subsidiaries

TSMC and its subsidiaries strive to deliver the best foundry services. WaferTech in the United States and TSMC China provide 8-inch wafer capacity, while TSMC Nanjing provides 12-inch wafer capacity. In addition, TSMC Arizona in the United States and Japan Advanced Semiconductor Manufacturing, Inc. in Japan are currently scheduled to provide 12-inch wafer capacity by the end of 2024. TSMC's subsidiaries in North America, Europe, Japan, China, South Korea and other regions are dedicated to providing timely services and engineering support to customers worldwide and also support the Company's core foundry business with related services as well as investing in start-up companies in the semiconductor industry.

8.1.3 TSMC Subsidiaries

Unit: NT\$ (USD, EUR, JPY, KRW, RMB, CAD) thousands

As of 12/31/2021

Company	Date of Incorporation	Place of Registration	Capital Stock	Business Activities
TSMC North America	Jan. 18, 1988	San Jose, California, U.S.	US\$ 11,000	Sales and marketing of integrated circuits and semiconductor devices
TSMC Europe B.V.	Mar. 04, 1994	Amsterdam, The Netherlands	EUR 100	Customer service and supporting activities
TSMC Japan Limited	Sep. 10, 1997	Yokohama, Japan	JPY 300,000	Customer service and supporting activities
TSMC Korea Limited	May 02, 2006	Seoul, Korea	KRW 400,000	Customer service and supporting activities
TSMC Design Technology Japan, Inc.	Jan. 10, 2020	Yokohama, Japan	JPY 750,000	Engineering support activities
TSMC Japan 3DIC R&D Center, Inc.	Mar. 29, 2021	Yokohama, Japan	JPY 555,000	Engineering support activities
TSMC China Company Limited	Aug. 04, 2003	Shanghai, China	RMB 4,502,080	Manufacturing, sales, testing, and computer-aided design of integrated circuits and other semiconductor devices
TSMC Nanjing Company Limited	May 16, 2016	Nanjing, China	RMB 6,650,119	Manufacturing, sales, testing, and computer-aided design of integrated circuits and other semiconductor devices
TSMC Arizona Corporation	Nov. 10, 2020	Arizona, U.S.	US\$ 0.77	Manufacturing, sales, and testing of integrated circuits and other semiconductor devices
Japan Advanced Semiconductor Manufacturing, Inc.	Dec. 10, 2021	Kumamoto, Japan	JPY 2,878,750 (Note)	Manufacturing, sales, testing, and computer-aided design of integrated circuits and other semiconductor devices
TSMC Technology, Inc.	Feb. 20, 1996	Delaware, U.S.	US\$ 0.001	Engineering support activities
TSMC Development, Inc.	Feb. 16, 1996	Delaware, U.S.	US\$ 0.001	Investing in companies involved in semiconductor manufacturing
WaferTech, LLC	Jun. 03, 1996	Delaware, U.S.	US\$ 0	Manufacturing, sales, and testing of integrated circuits and other semiconductor devices
TSMC Partners, Ltd.	Mar. 26, 1998	British Virgin Islands	US\$ 988,268	Investing in companies involved in the semiconductor design and manufacturing, and other investment activities
TSMC Design Technology Canada Inc.	May 28, 2007	Ontario, Canada	CAD 2,434	Engineering support activities
TSMC Global Ltd.	Jul. 18, 2006	British Virgin Islands	US\$ 11,384,000	Investment activities
VentureTech Alliance Fund II, L.P.	Feb. 27, 2004	Cayman Islands	US\$ 3,487	Investing in technology start-up companies
VentureTech Alliance Fund III, L.P.	Mar. 25, 2006	Cayman Islands	US\$ 96,619	Investing in technology start-up companies
Growth Fund Limited	May 30, 2007	Cayman Islands	US\$ 2,604	Investing in technology start-up companies
Emerging Fund, L.P.	Jan. 27, 2021	Cayman Islands	US\$ 10,711	Investing in technology start-up companies
VisEra Technologies Company Ltd.	Dec. 01, 2003	Hsinchu, Taiwan	NT\$ 2,932,991	Research, design, development, manufacturing, sales, packaging and test of color filter

Note: Japan Advanced Semiconductor Manufacturing, Inc. increased its capital to JPY 49,849,550 thousand in January 2022.

8.1.4 Shareholders in Common of TSMC and Its Subsidiaries with Deemed Control and Subordination: None.

8.1.5 Rosters of Directors, Supervisors, and Presidents of TSMC's Subsidiaries

Unit: NT\$ (USD), except shareholding

As of 12/31/2021

Company	Title	Name	Shareholding	
			Shares (Investment Amount)	% (Investment Holding %)
TSMC North America	Director Director President/CEO	Sylvia Fang Rick Cassidy (Note 1) David Keller	- - - TSMC holds 11,000,000 shares	- - - 100%
TSMC Europe B.V.	Director Director President	Wendell Huang Maria Marced (Note 2) Maria Marced (Note 2)	- - - TSMC holds 200 shares	- - - 100%
TSMC Japan Limited	Director Director President	Sylvia Fang Makoto Onodera Makoto Onodera	- - - TSMC holds 6,000 shares	- - - 100%
TSMC Korea Limited	Director Director Director	C.C. Pan Chih-Chun Tsai (Note 3) Wendell Huang	- - - TSMC holds 80,000 shares	- - - 100%
TSMC Design Technology Japan, Inc.	Director Director Supervisor	Cliff Hou Wendell Huang Morris Cheng	- - - TSMC holds 15,000 shares	- - - 100%
TSMC Japan 3DIC R&D Center, Inc.	Director Director Supervisor	Marvin Liao Diane Kao Morris Cheng	- - - TSMC holds 11,100 shares	- - - 100%
TSMC China Company Limited	Chairman Director Director Supervisor Supervisor President	F.C. Tseng Y.P. Chin Roger Luo Lora Ho Roger Luo	- - - - - (TSMC invests US\$596,000,000)	- - - - - (100%)
TSMC Nanjing Company Limited	Chairman Director Director Director Supervisor Supervisor Supervisor President	Lora Ho Y.P. Chin Cliff Hou Roger Luo Wendell Huang Sylvia Fang Roger Luo	- - - - - - - (TSMC invests US\$1,000,000,000)	- - - - - - - (100%)
TSMC Arizona Corporation	Director Director Director Director President/CEO	Cliff Hou Y.L. Wang Sylvia Fang Wendell Huang Rick Cassidy	- - - - - TSMC holds 770,001 shares	- - - - - 100%

(Continued)

Company	Title	Name	Shareholding	
			Shares (Investment Amount)	% (Investment Holding %)
Japan Advanced Semiconductor Manufacturing, Inc.	Director Director Director Supervisor (Note 4)	Y.H. Liaw Morris Cheng Simon Wang Diane Kao	- - - - TSMC holds 57,575 shares (Note 5)	- - - - 100% (Note 5)
TSMC Technology, Inc.	Chairman Director President	Wendell Huang Cliff Hou Cliff Hou	- - - TSMC Partners, Ltd. holds 10 shares	- - - 100%
TSMC Development, Inc.	Chairman Director President	Wendell Huang Sylvia Fang Wendell Huang	- - - TSMC Partners, Ltd. holds 10 shares	- - - 100%
WaferTech, LLC	Director Director President	Y.H. Liaw Wendell Huang Tsung-Chia Kuo	- - - TSMC Development, Inc. holds 293,636,833 shares	- - - 100%
TSMC Partners, Ltd.	Director Director President	Wendell Huang Sylvia Fang Wendell Huang	- - - TSMC holds 988,268,244 shares	- - - 100%
TSMC Design Technology Canada Inc.	Director Director Director President	Cliff Hou Cormac Michael O'Connell Sylvia Fang Cliff Hou	- - - TSMC Partners, Ltd. holds 2,300,000 shares	- - - 100%
TSMC Global Ltd.	Director Director	Wendell Huang Sylvia Fang	- - TSMC holds 11,384 shares	- - 100%
VentureTech Alliance Fund II, L.P.	None	None	(TSMC invests US\$3,189,066)	(98.00%)
VentureTech Alliance Fund III, L.P.	None	None	(TSMC invests US\$94,687,012)	(98.00%)
Growth Fund Limited	None	None	(VentureTech Alliance Fund III, L.P. invests US\$2,603,768)	(100%)
Emerging Fund, L.P.	None	None	(TSMC invests US\$10,700,000)	(99.90%)
VisEra Technologies Company Ltd.	Chairman Director Director Director Independent Director Independent Director Independent Director President	Robert Kuan George Liu Diane Kao Laura Huang Emma Chang P.H. Chang S.C. Hsin	154,600 shares - - - - - - - - - TSMC holds 213,619,000 shares	0.05% - - - - - - - - - 72.83%

Note 1: In January 2022, Mr. David Keller replaced Mr. Rick Cassidy as a director of TSMC North America.

Note 2: In January 2022, Dr. Paul de Bot replaced Ms. Maria Marced as a director and the President of TSMC Europe B.V.

Note 3: In January 2022, one directorship of TSMC Korea Limited became vacant after Mr. Chih-Chun Tsai's retirement.

Note 4: In January 2022, Mr. Yuichi Horita was appointed as the President, and he and Mr. Yasuhiro Kono were elected as new directors of Japan Advanced Semiconductor Manufacturing, Inc.

Note 5: Japan Advanced Semiconductor Manufacturing, Inc. increased its capital in January 2022. After the capital increase, shares owned by TSMC increased to 807,651 shares while TSMC's ownership decreased to 81.01%.

8.1.6 Operational Highlights of TSMC Subsidiaries

Unit: NT\$ thousands, except EPS (NT\$)

As of 12/31/2021

Company	Capital Stock	Assets	Liabilities	Net Worth	Net Revenues	Income (Loss) from Operation	Net Income (Loss)	Basic Earning (Loss) Per Share
TSMC North America	304,414	308,231,309	303,360,160	4,871,149	1,045,067,460	244,683	375,611	34.15
TSMC Europe B.V.	3,146	810,989	301,109	509,880	495,048	33,982	21,875	109,377.31
TSMC Japan Limited	72,420	222,427	90,016	132,411	236,721	9,860	4,662	776.98
TSMC Design Technology Japan, Inc.	181,050	546,145	178,001	368,144	361,654	23,850	13,803	937.32
TSMC Japan 3DIC R&D Center, Inc.	133,977	1,709,885	1,439,372	270,513	229,744	13,422	4,197	777.79
TSMC Korea Limited	9,360	43,036	2,179	40,857	18,565	1,707	2,802	35.02
TSMC Development, Inc.	0.03	30,271,369	0	30,271,369	1,539,343	1,539,288	1,521,812	152,181,227.80
TSMC Partners, Ltd.	27,349,335	55,001,765	1,464	55,000,301	1,815,177	1,809,507	1,804,174	1.83
TSMC Global Ltd.	315,040,816	563,292,007	188,652,601	374,639,406	3,674,656	1,303,742	1,303,742	115,281.46
WaferTech, LLC	0	6,161,247	720,872	5,440,375	7,735,520	1,802,590	1,456,072	4.96
TSMC China Company Limited	19,530,473	76,910,158	3,219,851	73,690,307	21,127,962	7,808,870	8,555,130	NA
TSMC Nanjing Company Limited	28,848,883	78,586,631	32,369,519	46,217,112	26,869,700	11,650,999	12,283,446	NA
VisEra Technologies Company Ltd.	2,932,991	15,089,175	6,172,601	8,916,574	9,029,178	2,707,262	2,165,280	7.24
TSMC Arizona Corporation	21	146,673,748	130,006,052	16,667,696	0	(4,250,082)	(4,810,127)	(10,641.98)
Japan Advanced Semiconductor Manufacturing, Inc.	694,930	1,389,946	6,392	1,383,554	0	(6,426)	(6,426)	(1,939.97)
TSMC Technology, Inc.	0.03	1,855,101	1,019,213	835,888	2,835,329	135,010	78,921	7,892,068.10
TSMC Design Technology Canada Inc.	53,131	367,130	88,364	278,766	297,228	27,021	25,324	11.01
VentureTech Alliance Fund II, L.P.	96,507	108,239	0	108,239	1,829	(729)	(1,073)	NA
VentureTech Alliance Fund III, L.P.	2,673,845	282,753	0	282,753	0	(8,978)	(8,978)	NA
Growth Fund Limited	72,057	219,604	0	219,604	0	(1,217)	(1,217)	NA
Emerging Fund L.P.	296,408	286,491	0	286,491	109	(10,015)	(10,015)	NA

8.2 Status of TSMC Common Shares and ADRs Acquired, Disposed of, and Held by Subsidiaries: None.

8.3 Special Notes

8.3.1 Private Placement Securities in 2021 and as of the Date of this Annual Report: None.

8.3.2 The Listing of Penalties, Major Deficits, and State of Any Efforts to Make Improvements, Arising from Any Legal Penalties Imposed by Regulatory Authorities on the Company or Its Employees, or any Company Punishment toward Employees for Violating Internal Control Rules, Where Such Penalties or Punishments May Have Material Impacts on Shareholders' Interests or Securities Prices, in 2021 and as of the Date of this Annual Report: None.

8.3.3 Any Events in 2021 and as of the Date of this Annual Report that Had Material Impacts on Shareholders' Interests or Securities Prices as Stated in Item 3 Paragraph 2 of Article 36 of Securities and Exchange Act of Taiwan: None.

8.3.4 Other Necessary Supplement: None.