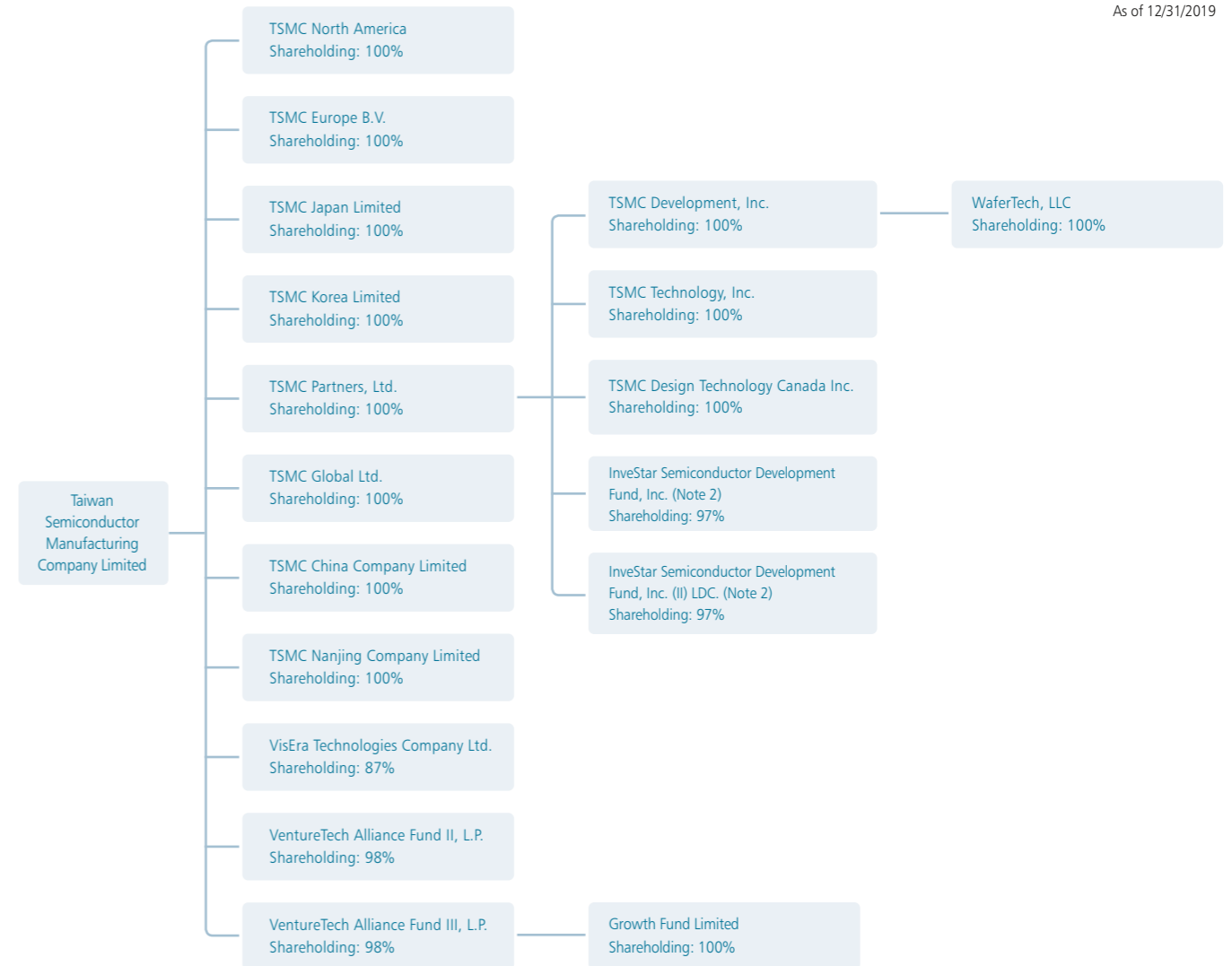


# Subsidiary Information and Other Special Notes

## 8.1 Subsidiaries

### 8.1.1 TSMC Subsidiaries Chart (Note 1)

As of 12/31/2019



Note 1: TSMC SolarEurope GmbH has completed the liquidation procedures in March 2019.  
 On January 10, 2020, TSMC Design Technology Japan, Inc., a 100% owned subsidiary of TSMC, was established.  
 Note 2: The subsidiary is under liquidation procedures.



### 8.1.2 Business Scope of TSMC and Its Subsidiaries

TSMC and its subsidiaries strive to provide the best foundry services. Subsidiaries in North America, Europe, Japan, China and South Korea are dedicated to serving TSMC customers on a timely basis or providing wafer capacity for customers worldwide. Among the subsidiaries of TSMC, WaferTech in the United States and TSMC China provide additional 8-inch wafer capacity while TSMC Nanjing provides 12-inch wafer capacity. Other subsidiaries support the Company's core foundry business with related services such as design service and investment in start-up companies involved in design, manufacturing, and other related businesses in the semiconductor industry.

### 8.1.3 TSMC Subsidiaries

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

As of 12/31/2019

Company (Note 1)	Date of Incorporation	Place of Registration	Capital Stock	Business Activities
TSMC North America	Jan. 18, 1988	San Jose, California, U.S.	US\$ 11,000	Selling 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 China Company Limited	Aug. 04, 2003	Shanghai, China	RMB 4,502,080	Manufacturing, selling, 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, selling, 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
InveStar Semiconductor Development Fund, Inc. (Note 2)	Sep. 10, 1996	Cayman Islands	US\$ 489	Investing in new start-up technology companies
InveStar Semiconductor Development Fund, Inc. (II) LDC. (Note 2)	Aug. 25, 2000	Cayman Islands	US\$ 0	Investing in new start-up technology companies
TSMC Development, Inc.	Feb. 16, 1996	Delaware, U.S.	US\$ 0.001	Investing in companies involved in the manufacturing related business in the semiconductor industry
WaferTech, LLC	Jun. 03, 1996	Delaware, U.S.	US\$ 0	Manufacturing, selling, 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 design, manufacture, and other related business in the semiconductor industry and other investment activities
TSMC Design Technology Canada Inc.	May 28, 2007	Ontario, Canada	CAD 2,434	Engineering support activities
TSMC Global Ltd.	Jul. 13, 2006	British Virgin Islands	US\$ 11,284,000	Investment activities
VentureTech Alliance Fund II, L.P.	Feb. 27, 2004	Cayman Islands	US\$ 3,487	Investing in new start-up technology companies
VentureTech Alliance Fund III, L.P.	Mar. 25, 2006	Cayman Islands	US\$ 96,519	Investing in new start-up technology companies
Growth Fund Limited	May 30, 2007	Cayman Islands	US\$ 2,504	Investing in new start-up technology companies
VisEra Technologies Company Ltd.	Dec. 01, 2003	Hsinchu, Taiwan	NT\$ 2,911,531	Engaged in manufacturing electronic spare parts and in researching, developing, designing, manufacturing, selling, packaging and testing of color filter

Note 1: On January 10, 2020, TSMC Design Technology Japan, Inc. was established in Yokohama, Japan with capital stock of JPY 150,000 thousands. It is engaged in engineering support activities.  
 Note 2: InveStar Semiconductor Development Fund, Inc. and InveStar Semiconductor Development Fund, Inc. (II) LDC. are under liquidation procedures.

### 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 12/31/2019

Company (Note 1)	Title	Name	Shareholding	
			Shares (Investment Amount)	% (Investment Holding %)
TSMC North America	Director	Sylvia Fang	-	-
	Director	Rick Cassidy	-	-
	President	David Keller	-	-
			TSMC holds 11,000,000 shares	100%
TSMC Europe B.V.	Director	Wendell Huang	-	-
	Director	Maria Marced	-	-
	President	Maria Marced	-	-
			TSMC holds 200 shares	100%
TSMC Japan Limited	Director	Sylvia Fang	-	-
	Director	Makoto Onodera	-	-
	President	Makoto Onodera	-	-
			TSMC holds 6,000 shares	100%
TSMC Korea Limited	Director	C.C. Pan	-	-
	Director	Chih-Chun Tsai	-	-
	Director	Wendell Huang	-	-
			TSMC holds 80,000 shares	100%
TSMC China Company Limited	Chairman	F.C. Tseng	-	-
	Director	J.K. Wang	-	-
	Director	L.C. Tu	-	-
	Supervisor	Lora Ho	-	-
	President	L.C. Tu	-	-
			(TSMC's investment US\$596,000,000)	(100%)
TSMC Nanjing Company Limited	Chairman	Lora Ho	-	-
	Director	J.K. Wang	-	-
	Director	Cliff Hou	-	-
	Director	Roger Luo	-	-
	Supervisor	Wendell Huang	-	-
	Supervisor	Sylvia Fang	-	-
			(TSMC's investment US\$1,000,000,000)	(100%)
TSMC Technology, Inc.	Chairman	Wendell Huang	-	-
	Director	Cliff Hou	-	-
	President	Cliff Hou	-	-
			TSMC Partners, Ltd. holds 10 shares	100%
InveStar Semiconductor Development Fund, Inc. (Note 2)	Director	Wendell Huang	-	-
			TSMC Partners, Ltd. holds 582,523 shares	97.09%
InveStar Semiconductor Development Fund, Inc. (II) LDC (Note 2)	Director	Wendell Huang	-	-
			TSMC Partners, Ltd. holds 9,298,625 shares	97.09%
TSMC Development, Inc.	Chairman	Wendell Huang	-	-
	Director	Sylvia Fang	-	-
	President	Wendell Huang	-	-
			TSMC Partners, Ltd. holds 10 shares	100%
WaferTech, LLC	Director	Y.L. Wang	-	-
	Director	Wendell Huang	-	-
	President	Tsung-Chia Kuo	-	-
			TSMC Development, Inc. holds 293,636,833 shares	100%

(Continued)

Company (Note 1)	Title	Name	Shareholding	
			Shares (Investment Amount)	% (Investment Holding %)
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 11,284 shares	100%
VentureTech Alliance Fund II, L.P.	None	None	(TSMC's investment US\$3,189,066)	(98.00%)
VentureTech Alliance Fund III, L.P.	None	None	(TSMC's investment US\$94,589,012)	(98.00%)
Growth Fund Limited	None	None	(VentureTech Alliance Fund III, L.P.'s investment US\$2,503,768)	(100%)
VisEra Technologies Company Ltd.	Chairman Director Director Supervisor President	Robert Kuan C.S. Yoo George Liu Wendell Huang S.C. Hsin	54,600 shares - - - -	0.02% - - - -
			TSMC holds 253,120,000 shares	86.94%

Note 1: On January 10, 2020, TSMC Design Technology Japan, Inc., a 100% owned subsidiary of TSMC, was established. Dr. Cliff Hou and Mr. Wendell Huang are the directors of TSMC Design Technology Japan, Inc.

Note 2: InveStar Semiconductor Development Fund, Inc. and InveStar Semiconductor Development Fund, Inc. (II) LDC. are under liquidation procedures.

### 8.1.6 Operational Highlights of TSMC Subsidiaries

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

as of 12/31/2019

Company	Capital Stock	Assets	Liabilities	Net Worth	Net Revenues	Income (Loss) from Operation	Net Income (Loss)	Basic Earnings (Loss) Per Share
TSMC North America	329,868	93,975,628	89,405,802	4,569,825	642,456,504	267,363	416,366	37.85
TSMC Europe B.V.	3,365	761,257	298,777	462,479	495,777	53,410	37,621	188,106.27
TSMC Japan Limited	82,530	211,952	69,332	142,620	231,708	9,358	3,254	542.33
TSMC Korea Limited	10,400	45,163	4,435	40,727	20,050	1,847	2,196	27.45
TSMC Development, Inc.	0.03	29,567,197	0	29,567,197	1,470,591	1,470,305	1,338,673	133,867,259.80
TSMC Partners, Ltd.	29,636,188	53,455,518	0	53,455,518	2,215,060	2,208,823	2,202,709	2.23
TSMC Global Ltd.	338,384,592	404,432,559	6,695,289	397,737,270	12,300,693	11,592,365	11,592,187	1,027,311.89
WaferTech, LLC	0	5,332,211	618,940	4,713,271	6,841,533	1,003,240	843,483	2.87
TSMC China Company Limited	19,380,554	60,103,992	2,745,525	57,358,467	16,218,476	3,255,953	4,037,216	NA
TSMC Nanjing Company Limited	28,627,434	49,441,326	28,032,476	21,408,850	18,312,861	1,340,599	1,289,672	NA
VisEra Technologies Company Ltd.	2,911,531	6,322,477	1,137,005	5,185,472	3,395,724	718,693	613,841	2.11
TSMC Technology, Inc.	0.03	1,316,214	645,676	670,538	2,444,373	116,339	100,661	10,066,067.10
TSMC Design Technology Canada Inc.	55,979	276,637	37,495	239,141	323,548	29,413	30,494	13.26
InveStar Semiconductor Development Fund, Inc.	14,663	0	0	0	0	10	10	0.02
InveStar Semiconductor Development Fund, Inc. (II) LDC.	0	0	0	0	0	0	0	0.00
VentureTech Alliance Fund II, L.P.	104,577	70,253	0	70,253	2,205	(2,899)	(3,409)	NA
VentureTech Alliance Fund III, L.P.	2,894,424	212,437	0	212,437	5,015	1,191	1,191	NA
Growth Fund Limited	75,083	124,648	0	124,648	0	(1,351)	(1,351)	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 2019 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 2019 and as of the Date of this Annual Report:** None.

**8.3.3 Any Events in 2019 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 Law of Taiwan:** None.

**8.3.4 Other Necessary Supplement:** None.