CONSOLIDATED BALANCE SHEETS (In Thousands of New Taiwan Dollars)

The accompanying notes are an integral part of the consolidated financial statements.	TOTAL	Total equity	NON - CONTROLLING INTERESTS	Equity attributable to shareholders of the parent	Others (Note 21)	Appropriated as legal capital reserve Appropriated as special capital reserve Unappropriated earnings	EQUITY ATTRIBUTABLE TO SHAREHOLDERS OF THE PARENT Capital stock (Vote 21) Capital surplus (Note 21) Retained eminus (Note 21)	Total liabilities	Total noncurrent liabilities	NONCURRENT LIABILITIES Bonds payable (Notes 19 and 29) Deferred income tax liabilities (Note 4) Lease liabilities (Notes 15 and 29) Net defined benefit liability (Note 4) Guarantee deposits (Notes 20 and 29) Others	Total current liabilities	28) Payables to contractors and equipment suppliers Cash dividends payable (Note 21) Income tax payable (Note 4) Long-term liabilities - current portion (Notes 19 and 29) Accrued expenses and other current liabilities (Notes 15, 20, 22 and 29)	CURRENT LIABILITIES Short-term loans (Notes 17 and 29) Short-term bills payable (Notes 18 and 29) Financial liabilities at fair value through profit or loss (Note 7) Hedging financial liabilities (Note 10) Accounts payables Payables to related parties (Note 31) Salary and bonus payable Salary and bonus payable	LIABILITIES AND EQUITY	TOTAL .	Total noncurrent assets	NONCURRENT ASSETS Financial assets at fair value through other comprehensive income (Note 8) Financial assets at amortized cost (Note 9) Investments accounted for using equity method (Note 13) Property, plant and equipment (Note 14) Right-of-use assets (Note 15) Intangible assets (Note 15) Deferred income tax assets (Note 4) Refundable deposits Other noncurrent assets	Total current assets	Financial assets at num value un organization component and the end of the en	CURRENT ASSETS Cash and cash equivalents (Note 6) Financial assets at fair value through profit or loss (Note 7) Financial assets at fair value through profit or loss (Note 7)	ASSETS
	<u>\$ 2,448,664,522</u>	1,721,213,382	835,401	1,720,377,981	(36,757,795)	311,146,899 24,873,338 1,105,471,753	259,303,805 56,339,981	727,451,140	112,655,412	82,439,681 354,306 19,164,873 8,381,192 171,622 2,143,738	614,795,728	40,028,506 97,739,201 129,651,902 33,020,177 12,800,000 69,676,030	\$ 169,546,950 6,493,388 1,543,265 14,839 38,100,739 1,433,005 14,747,716		\$ 2,448,664,522	1,588,632,942	4,300,519 1,640,558 16,975,748 1,493,560,950 21,036,884 27,395,600 20,453,300 20,453,300 1,502,926 1,726,374	860,031,580	7,210,148 148,708,055 891,691 2,281,070 85,788,094 10,436,627 6,610,338	\$ 467,613,443 788,526 129,403,588	June 30, 2020 (Reviewed) Amount
	100	70	Ι.	70	(2)	45 13			4		26	ω = - ω 4 N	1 7		100	65	≏	35	4 o	19 -	0
	\$ 2,264,805,032	1,622,095,426	685,302	1,621,410,124	(27,568,369)	311,146,899 10,675,106 1,011,512,974	259,303,805 56,339,709	642,709,606	51,973,905	25,100,000 344,393 15,041,833 9,182,496 176,904 2,128,279	590,735,701	23,648,903 140,810,703 129,651,902 32,466,156 31,800,000 56,373,281	\$ 118,522,290 982,349 1,798 38,771,066 1,434,900 16,272,353		\$ 2,264,805,032	1,442,191,118	4,124,337 7,348,914 18,698,788 1,352,377,465 17,232,402 20,653,078 17,253,088 17,928,508 17,928,508 17,742,918	822,613,914	299,884 25,884 138,908,589 862,070 51,653 82,981,196 11,041,091 5,320,795	\$ 455,399,336 326,839 127 396 577	December 31, 2019 (Audited) Amount
	100		Ι.	72		45	<u>]</u>	28	2		26	3 1 1 6 6 1			100	64	,,8,,	36		20 -	%
	<u>\$ 2,239,343,671</u>	1,554,421,527	606,948	1,553,814,579	(7,385,940)	311,146,899 10,724,130 923,704,756	<u>259,303,805</u> <u>56,320,929</u>	684,922,144	62,665,766	35,300,000 147,176 15,405,489 9,400,580 210,970 2,201,551	622,256,378	32,638,050 71,028,923 259,379,871 22,068,494 48,100,000 68,014,176	S 78,261,120 30,767 34,542 31,802,685 767,451 10,130,299		\$ 2,239,343,671	1,229,164,333	4,040,800 7,921,781 17,352,733 1,142,871,184 18,042,308 17,500,830 17,123,994 2,570,491 1,740,212	1,010,179,338	576 115,725,802 404,906 1,541,754 108,231,879 14,934,531 14,934,531	S 649,697,262 1,322,756 113 594 233	June 30, 2019 (Reviewed) Amount
	100	69	.	69	. <u>.</u>	41	12	<u></u>	3	, , ,	28	 ເວຍ - ເວຍ ເບ	4		100	55	, ,≌_, ,	45	w . , w . , c	29 -) [9

The accompanying notes are an integral part of the consolidated financial statements.

Taiwan Semicondu
nductor
Manufacturing
Company
Limited
d and
Subsidiaries

CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME (In Thousands of New Taiwan Dollars, Except Earnings Per Share) (Reviewed, Not Audited)

TOTAL COMPREHENSIVE INCOME ATTRIBUTABLE TO: Shareholders of the parent Non-controlling interests	NET INCOME ATTRIBUTABLE TO: Shureholders of the parent Non-controlling interests	TOTAL COMPREHENSIVE INCOME FOR THE PERIOD	Other comprehensive income (loss) for the period, net of income tax	Shar of one comprehensive mount (wss) of associates	Unrealized gain on investments in debt instruments at fair value through other comprehensive income	forms that may be recassing an encodynamy to point or loss: Exchange differences arising on translation of foreign operations	will not be reclassified subsequently Theme that may be reclassified subsequently	pront or loss: Unrealized gain(loss) on investments in equity instruments at fair value through other comprehensive income Gain (loss) on hedging instruments Share of other comprehensive loss of associates Income its baneful (created) valued in items that	OTHER COMPREHENSIVE INCOME (LOSS) (Notes 21 and 26) Items that will not be reclassified subsequently to	NET INCOME	INCOME TAX EXPENSE (Notes 4 and 26)	INCOME BEFORE INCOME TAX	Total non-operating income and expenses	NON-OPERA TING INCOME AND EXPENSES Share of profits of associates Interest income (Note 23) Other income Foreign exchange gain (loss), net (Note 34) Finance costs (Note 24) Other gains and losses, net (Note 25)	INCOME FROM OPERATIONS (Note 37)	OTHER OPERATING INCOME AND EXPENSES, NET (Notes 14, 15 and 28)	Total operating expenses	OPERATING EXPENSES (Notes 28 and 31) Research and development General and administrative Marketing	GROSS PROFIT	REALIZED (UNREALIZED) GROSS PROFIT ON SALES TO ASSOCIATES	GROSS PROFIT BEFORE REALIZED (UNREALIZED) GROSS PROFIT ON SALES TO ASSOCIATES	COST OF REVENUE (Notes 12, 28, 31 and 35)	NET REVENUE (Notes 22, 31 and 37)		
\$ 108,937,736 71,292 \$ 109,009,028	\$ 120,822,193 70,321 \$ 120,892,514	<u>\$ 109,009,028</u>	(11.883,486)	(89,950) (11,906,023)	2,909,147	(14,725,220)	352	22,337 - (152)		120.892.514	15,506,124	136,398,638	5,304,100	678,757 2,478,362 233,415 2,779,312 (409,145) (456,601)	131,094,538	(8,544)	33,520,709	24,893,043 6,894,405 1,733,261	164.623.791	(69,034)	164,692,825	146,005,542	\$ 310,698,367	Amount 2020	For th
35	39	35	(4)	<u></u>	-	(5)	. .	• • •		39	s	44	2		42	 .	11	L 12 00	53		53	47	100	%	e Three Mon
\$ 70,290,835 11.036 \$ 70,301,871	5 66,764,850 11,001 5 66,775,851	<u>\$ 70,301,871</u>	3.526.020	16,907	935,894	2.289,984	12,557 283,235	175,258 106,554 (11,134)	-9	66,775,851	13,769,589	80,545,440	4.241.387	628,535 4,546,917 244,430 (738,611) (864,751) 424,867	76,304,053	(261,012)	27,164,995	21,393,728 4,288,263 1,483,004	103,730,060	56,830	103,673,230	137,325,245	\$ 240,998,475	Amount 2019	For the Three Months Ended June 30
29	28 	29	L			-	, .			28	5	33	L		32	l.	11	. 129	43		43		100	%	
5 228,572,728 147,111 5 228,719,839	\$ 237,808,913 146,494 \$ 237,955,407	\$ 228,719,839	(9.235.568)	(176,309)	2,698,399	(11,690,196)	<u>466</u> (67,462)	(21,710) (42,749) (3,469)		237,955,407	30,590,409	268,545,816	8,929,641	1,404,725 5,467,431 343,924 3,155,103 (939,709) (501,833)	259,616,175	59,631	65,843,755	49,861,926 12,797,466 3,184,363	325,400,299	(76,707)	325,477,006	295,818,544	\$ 621,295,550	Amount 2020	For
37	38	37	<u>(1)</u>	<u>[]</u> .	- ;	(2)	. .			38	s	43	_	. .	42	Ι.	10	1, 1,2 00	52	.	52	48	100	%	the Six Mont
	\$ 128,158,701 4,460 \$ 128,163,161	<u>\$ 136,305,167</u>	8,142,006	25.235 7.917.581	2,384,284	5.508.062	(5,494) 224,425	228,799 12,006 (10,886)		128,163,161	20,563,931	148,727,092	8.157.016	1,062,026 8,955,693 244,430 (507,929) (1,763,816) 166,612	140,570,076	(334,533)	53,183,008	41,811,039 8,428,992 2,942,977	194,087,617	62,262	194,025,355	265,677,589	\$ 459,702,944	Amount 2019	For the Six Months Ended June 30
30 (Continued)	28	30	2	<u></u>	-	-	. .	• • •		28	4	32	L	, <u>e</u>	<u></u>].	<u></u>	0.01	42	Ι.	42	58	100	%	

CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME (In Thousands of New Taiwan Dollars, Except Earnings Per Share) (Reviewed, Not Audited)

The accompanying notes are an integral part of the consolidated financial statements. EARNINGS PER SHARE (NT\$, Note 27) Basic earnings per share Diluted earnings per share For the Three Months Ended June 30 2020 2019 Income Attributable to Shareholders of Shareholders of the Parent the Parent <u>\$ 4.66</u> <u>\$ 4.66</u> <u>s 257</u> <u>s 257</u> For the Six Months Ended June 30 2020 2019 Income Attributable to Shareholders of Shareholders of the Parent the Parent <u>2 9.17</u> <u>\$ 4.94</u> <u>\$ 4.94</u> (Concluded)

CONSOLIDATED STATEMENTS OF CHANGES IN EQUITY (In Thousands of New Taiwan Dollars) (Reviewed, Not Audited)

						Equity Attribu	table to Shareholder	s of the Parent							
				ter of the second					Unrealized	Others					
	Capital Stock -	Common Stock			Retained	Earnings		Foreign Currency	Gain (Less) on Financial Assets at Fair Value Through Other	Gain (Loss) on	Unearned Stock-Based				
	Shares (In Thousands)	Amount	Capital Surplus	Legal Capital Reserve	Special Capital Reserve	Unappropriated Earnings	Total	Translation Reserve	Comprehensive Income	Hedging Instruments	Employee Compensation	Total	Total	Non-controlling Interests	Total Equity
BALANCE, JANUARY 1, 2020	25,930,380	\$ 259,303,805	\$ 56,339,709	\$ 311,146,899	\$ 10,675,106	\$1,011,512,974	\$1,333,334,979	\$ (26,871,400)	\$ (692,959)	\$ (3,820)	S (190)	\$ (27,568,369)	\$1,621,410,124	\$ 685,302	\$1,622,095,426
Appropriations of earnings Special capital reserve Cash dividends to shareholders Total	;	<u> </u>	<u> </u>	<u> </u>	14,198,232	(14,198,232) (129,651,902) (143,850,134)	(129.651.902) (129.651.902)	;	<u> </u>	<u> </u>	:	:	(129.651.902) (129.651.902)		(129,651,902) (129,651,902)
Net income for the six months ended June 30, 2020				-		237,808,913	237,808,913			525	2		237,808,913	146,494	237,955,407
Other comprehensive income (loss) for the six months ended June 30, 2020, net of income tax		. <u></u>					<u> </u>	(11.866.395)	2,672,959	(42,749)		(9.236,185)	(9,236,185)	617	(9,235,568)
Total comprehensive income (loss) for the six months ended June 30, 2020		;				237,808,913	237.808.913		2.672.959	(42,749)		(9.236.185)	228.572.728	147,111	228,719,839
Basis adjustment for gain on hedging instruments	7					5				46,569		46,569	46,569		46,569
Adjustments to share of changes in equities of associates	а. С	÷.	272								190	190	462		462
Increase in non-controlling interests				<u> </u>	<u> </u>		·	. <u> </u>		<u> </u>				2,988	2.988
BALANCE, JUNE 30, 2020	25,930,380	<u>\$ 259,303,805</u>	<u>\$ 56.339.981</u>	<u>\$ 311.146.899</u>	<u>S 24.873.338</u>	\$1.105.471.753	\$1.441.491.990	<u>\$ (38,737,795</u>)	<u>s 1.980,000</u>	<u>s</u>	<u>s</u>	<u>s (36,757,795</u>)	\$1.720.377.981	<u>s 835.401</u>	<u>\$1.721.213.382</u>
BALANCE, JANUARY 1, 2019	25,930,380	\$ 259,303,805	\$ 56,315,932	\$ 276.033.811	\$ 26,907,527	\$1,073,706,503	\$1,376,647,841	\$ (12,042,347)	\$ (3,429,324)	\$ 23,601	S (1,843)	\$ (15,449,913)	\$1,676,817,665	\$ 678,731	\$1,677,496,396
Appropriations of prior year's earnings Legal capital reserve Special capital reserve Cash dividends to shareholders Total	;		:	35,113,088	(16,183,397)	(35,113,088) 16,183,397 (259,303,805) (278,233,496)	(259,303,805) (259,303,805)				;	<u> </u>	(259,303,805) (259,303,805)	;	(259,303,805) (259,303,805)
Net income for the six months ended June 30, 2019	12		9			128,158,701	128,158,701						128,158,701	4,460	128,163,161
Other comprehensive income for the six months ended June 30, 2019, net of income tax				:	<u> </u>	·		5,533,346	2,596,706	11,901		8,141,953	8,141,953	53	8,142,006
Total comprehensive income for the six months ended June 30, 2019		. <u> </u>		<u> </u>		128,158,701	128,158,701	5,533,346	2,596,706	11,901		8,141.953	136,300,654	4,513	136,305,167
Disposal of investments in equity instruments at fair value through other comprehensive income				-	-	73.048	73,048		(73,048)			(73,048)	5		
Basis adjustment for loss on hedging instruments		5								(6,775)	+	(6,775)	(6,775)		(6,775)
Adjustments to share of changes in equities of associates		•	4,627	24				53		5 5 2	1,843	1,843	6,470	110	6,580
From share of changes in equities of subsidiaries		14	370	10						570			370	(370)	
Decrease in non-controlling interests				<u> </u>										(76,036)	(76,036)
BALANCE, JUNE 30, 2019	25,930,380	<u>\$ 259,303,805</u>	<u>\$ 56,320,929</u>	<u>\$ 311,146,899</u>	<u>\$ 10.724.130</u>	<u>\$ 923,704,756</u>	<u>\$1,245,575,785</u>	<u>\$ (6,509,001</u>)	<u>s (905,666</u>)	<u>s 28,727</u>	<u>s</u> .	<u>\$ (7.385.940</u>)	<u>\$1.553,814,579</u>	<u>5 606,948</u>	\$1,554,421,527

The accompanying notes are an integral part of the consolidated financial statements.

CONSOLIDATED STATEMENTS OF CASH FLOWS (In Thousands of New Taiwan Dollars) (Reviewed, Not Audited)

Net cash generated by operating activities	directors and supervisors Accrued expenses and other current liabilities Net defined benefit liability Cash generated from operations Income taxes paid	Changes in operating assets and liabilities: Financial instruments at fair value through profit or loss Notes and accounts receivable, net Receivables from related parties Other receivables from related parties Inventories Other financial assets Accounts payable Payables to related parties Salary and bonus payable Accrued profit sharing bonus to employees and compensation to	Loss (gain) on disposal or retirement of property, plant and equipment, net Loss on disposal of intangible assets, net Reversal of impairment loss on property, plant and equipment Loss on financial instruments at fair value through profit or loss, net Gain on disposal of investments in debt instruments at fair value through other comprehensive income, net Loss from disposal of subsidiaries Unrealized (realized) gross profit on sales to associates Loss (gain) on foreign exchange, net Dividend income Gain arising from fair value hedges, net Loss (gain) on lease modification	Expected credit losses recognized (reversal) on investments in debt instruments Finance costs Share of profits of associates Interest income Share-based compensation	CASH FLOWS FROM OPERATING ACTIVITIES Income before income tax Adjustments for: Depreciation expense Amortization expense	
373,364,401	16,379,603 8,356,817 (801,304) 405,907,484 (32,543,083)	$(53,699) \\ (11,310,413) \\ (29,621) \\ (10,813) \\ (2,806,898) \\ 1,618,067 \\ (1,363,358) \\ (478,898) \\ (1,363,358) \\ (1,895) \\ (1,524,637) \\ (1$	(6,290) - - 3,434 (926,919) - 76,707 (2,916,873) (341,797) - (3)	188 939,709 (1,404,725) (5,467,431) 2,988	\$ 268,545,816 136,065,309 3,364,420	Six Months J 2020
270,431,306	8,656,896 1,721,475 (250,825) 308,259,117 (37,827,811)	(80,241)9,178,788179,5068,789(5,000,903)4,363,408511,681(1,669,615)(609,048)(4,341,073)	700,386 2,377 (301,384) 890,206 (172,465) 4,598 (62,262) 1,722,527 (244,430) (17,826) 196	(987) 1,763,816 (1,062,026) (8,955,693)	\$ 148,727,092 149,897,048 2,699,106	Six Months Ended June 30 2020 2019

(Continued)

CONSOLIDATED STATEMENTS OF CASH FLOWS (In Thousands of New Taiwan Dollars) (Reviewed. Not Audited)

		(Keviewed, Not Audited
		ot Audited)

Net cash used in financing activities	CASH FLOWS FROM FINANCING ACTIVITIES Increase (decrease) in short-term loans Proceeds from short-term bills payable Repayments of short-term bills payable Proceeds from issuance of bonds Repayment of bonds Payments for transaction costs attributable to the issuance of bonds Repayment of the principal portion of lease liabilities Interest paid Guarantee deposits received Guarantee deposits refunded Cash dividends Increase in non-controlling interests	Net cash used in investing activities	 CASH FLOWS FROM INVESTING ACTIVITIES Acquisitions of: Financial assets at fair value through other comprehensive income Financial assets at amortized cost Property, plant and equipment Intangible assets Proceeds from disposal or redemption of: Financial instruments at fair value through profit or loss - debt instruments Financial assets at fair value through other comprehensive income Financial assets at fair value through other comprehensive income Financial assets at amortized cost Property, plant and equipment Derecognition of hedging financial instruments Interest received Proceeds from government grants - property, plant and equipment Proceeds from government grants - land use right and others Other dividends received Dividends received from investments accounted for using equity method Refundable deposits paid Refundable deposits refunded 	
(34,845,358)	52,578,588 7,485,303 (1,000,000) 60,000,000 (21,600,000) (21,600,000) (1,412,758) (1,196,001) (1,196,001) 21,177 (7,702) (129,651,902)	(318,743,432)	2020 \$(123,362,626) (1,366,370) (319,258,103) (8,487,562) - 126,227,986 - 182,002 (339,255) 5,959,214 475,703 20,077 406,277 233,439 (120,582) <u>686,368</u>	Six Months Ended June 30
(23,343,147) (Continued)	(11,198,385) - - (8,400,000) - (1,814,471) (1,625,029) (1,625,029) (347,951) - - - 30	(178,906,424)	2019 \$ (98,468,264) (313,958) (192,294,786) (2,682,181) 1,387,817 86,851,335 14,349,190 155,320 (294,290) 9,396,746 2,565,338 850,623 218,705 233,439 (1,336,839) 475,381	nded June 30

CONSOLIDATED STATEMENTS OF CASH FLOWS (In Thousands of New Taiwan Dollars) (Reviewed, Not Audited)

CASH AND CASH EQUIVALENTS, END OF PERIOD	CASH AND CASH EQUIVALENTS, BEGINNING OF PERIOD 45	NET INCREASE IN CASH AND CASH EQUIVALENTS	EFFECT OF EXCHANGE RATE CHANGES ON CASH AND CASH EQUIVALENTS	S	
\$ 467,613,443	455,399,336	12,214,107	(7,561,504)	Six Months Ended June 30 2020 2019	
\$ 649,697,262	577,814,601	71,882,661	<u>\$ (7,561,504)</u> <u>\$ 3,700,926</u>	nded June 30 2019	

The accompanying notes are an integral part of the consolidated financial statements. (Concluded)

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS FOR THE SIX MONTHS ENDED JUNE 30, 2020 AND 2019 (Reviewed, Not Audited) (Amounts in Thousands of New Taiwan Dollars, Unless Specified Otherwise)

1. GENERAL

engages mainly in the manufacturing, selling, packaging, testing and computer-aided design of integrated circuits and other semiconductor devices and the manufacturing of masks. was incorporated on February 21, 1987. TSMC is a dedicated foundry in the semiconductor industry which Taiwan Semiconductor Manufacturing Company Limited (TSMC), a Republic of China (R.O.C.) corporation,

On September 5, 1994, TSMC's shares were listed on the Taiwan Stock Exchange (TWSE). On October 8, 1997, TSMC listed some of its shares of stock on the New York Stock Exchange (NYSE) in the form of American Depositary Shares (ADSs).

Park, Taiwan. The principal operating activities of TSMC's subsidiaries are described in Note 4 The address of its registered office and principal place of business is No. 8, Li-Hsin Rd. 6, Hsinchu Science

2 THE AUTHORIZATION OF FINANCIAL STATEMENTS

August 11, 2020. The accompanying consolidated financial statements were reported to the Board of Directors and issued on

έ APPLICATION OF NEW AND REVISED INTERNATIONAL FINANCIAL REPORTING STANDARDS

а Initial application of the amendments to the International Financial Reporting Standards (IFRS), (collectively, "IFRSs") endorsed and issued into effect by the Financial Supervisory Commission (FSC) International Accounting Standards (IAS), IFRIC Interpretations (IFRIC), and SIC Interpretations (SIC)

policies. not have a significant effect on TSMC and its subsidiaries' (collectively as the "Company") accounting The initial application of the amendments to the IFRSs endorsed and issued into effect by the FSC did

Ь. The IFRSs issued by International Accounting Standards Board (IASB) but not yet endorsed and issued

into effect by the FSC	our not for environmenting topper
	Effective Date Issued
New, Revised or Amended Standards and Interpretations	by IASB
Annual Improvements to IFRS Standards 2018–2020	January 1, 2022
Amendments to IFRS 3 "Reference to the Conceptual Framework"	January 1, 2022
Amendments to IFRS 10 and IAS 28 "Sale or Contribution of Assets	To be determined by IASB
between an Investor and its Associate or Joint Venture"	
Amendments to IAS 1 "Classification of Liabilities as Current or Non- January 1, 2023	January 1, 2023
current"	

(Continued)