

ON Semiconductor Reports Fourth Quarter and 2019 Annual Results

For the fourth quarter of 2019, highlights include:

- Revenue of \$1,401.8 million
- GAAP and non-GAAP gross margin of 34.6 percent
- GAAP operating margin of 9.9 percent and non-GAAP operating margin of 12.3 percent
- Operating cash flow of \$91.7 million and free cash flow of (\$20.7) million
- GAAP diluted earnings per share of \$0.14 and non-GAAP diluted earnings per share of \$0.30

For 2019, highlights include:

- Revenue of \$5,517.9 million
- Gross margin of 35.8 percent and non-GAAP gross margin of 36.1 percent
- GAAP operating margin of 7.8 percent and non-GAAP operating margin of 14.1 percent
- Operating cash flow of \$694.7 million and free cash flow of \$160.1 million
- GAAP diluted earnings per share of \$0.51 and non-GAAP diluted earnings per share of \$1.49

PHOENIX, Ariz. – Feb. 3, 2020 – ON Semiconductor Corporation (Nasdaq: ON) today announced that total revenue in the fourth quarter of 2019 was \$1,401.8 million, down approximately 7 percent compared to the same quarter last year. Fourth quarter revenue was up approximately 1 percent as compared to revenue in the third quarter of 2019.

"Our performance in 2019 validates the transforming nature of our business, as we expect to outperform most of our peer group against a backdrop of challenging macroeconomic and geopolitical conditions. We believe that our strong competitive position in automotive, industrial, and cloud-power semiconductor end-markets, and exposure to secular trends in these markets continue to be the key drivers of our superior performance," said Keith Jackson, president and CEO of ON Semiconductor. "Along with strong revenue performance, we are taking substantial measures to expand our margins by making structural changes to our manufacturing footprint, and accelerating the timeline for production at our 300mm fab."

"In the fourth quarter, we saw moderate improvement in business trends, and the improvement has continued thus far in the first quarter of 2020. With improving macroeconomic and geopolitical conditions, solid product portfolio with exposure to the most attractive semiconductor end-markets, and ongoing structural improvements to our cost structure, ON Semiconductor is well positioned to deliver strong near to mid-term performance."

Fourth Quarter Results (GAAP)

(in millions, except per share data)			Year-Over-		Sequential
	4Q 2019	4Q 2018	Year Change	3Q 2019	Change
Revenue	\$1,401.8	\$1,503.1	(7)%	\$1,381.8	1 %
Gross Profit	\$485.7	\$569.7	(15)%	\$475.2	2 %
Operating Income (Loss)	\$138.9	\$222.7	(38)%	(\$43.9)	(416)%
Net Income (Loss) Attributable to ON Semiconductor Corporation	\$56.5	\$165.6	(66)%	(\$60.7)	(193)%
Diluted Earnings (Loss) Per Share	\$0.14	\$0.39	(64)%	(\$0.15)	(193)%
Diluted Share Count	418.2	420.0	— %	410.4	2 %

Fourth Quarter Results (Non-GAAP)

(in millions, except per share data)			Year-Over-		Sequential
	4Q 2019	4Q 2018	Year Change	3Q 2019	Change
Revenue	\$1,401.8	\$1,503.1	(7)%	\$1,381.8	1 %
Gross Profit	\$485.7	\$570.3	(15)%	\$494.2	(2)%
Operating Income	\$172.1	\$253.0	(32)%	\$179.9	(4)%
Net Income Attributable to ON Semiconductor Corporation	\$124.3	\$222.0	(44)%	\$136.8	(9)%
Diluted Earnings Per Share	\$0.30	\$0.53	(43)%	\$0.33	(9)%
Diluted Share Count	413.1	420.0	(2)%	412.3	— %

Fourth Quarter Key Cash Flow Items

(in millions)	4Q 2019	4Q 2018	Year-Over- Year Change	3Q 2019	Sequential Change
Cash Taxes, net of indemnification	\$16.7	\$8.2	104 %	\$14.1	18 %
Operating Cash Flow	\$91.7	\$421.0	(78)%	\$242.2	(62)%
Free Cash Flow	(\$20.7)	\$289.0	(107)%	\$130.5	(116)%

FIRST QUARTER 2020 OUTLOOK

Based on product booking trends, backlog levels, and estimated turns levels, the Company anticipates that first quarter of 2020 revenue will be approximately \$1,355 to \$1,405 million.

GAAP and non-GAAP gross margin for first quarter 2020 is expected to be between 33.7 percent and 34.7 percent.

The outlook for the first quarter of 2020 includes anticipated stock-based compensation expense of approximately \$19 million to \$21 million. Net cash paid for income taxes is expected to be \$14 million to \$18 million.

The following table outlines ON Semiconductor's projected first quarter of 2020 GAAP and non-GAAP outlook.

	Total ON Semiconductor GAAP	Special Items ***	Total ON Semiconductor Non-GAAP****
Revenue	\$1,355 to \$1,405 million		\$1,355 to \$1,405 million
Gross Margin	33.7% to 34.7%		33.7% to 34.7%
Operating Expenses	\$357 to \$377 million	\$30 to \$34 million	\$327 to \$343 million
Other Income and Expense (including interest expense), net	\$38 to \$41 million	\$9 to \$10 million*	\$29 to \$31 million
Diluted Share Count **	418 million	5 million**	413 million

- * Convertible Notes, Non-cash Interest Expense is calculated pursuant to FASB's Accounting Standards Codification Topic 470: Debt.
- ** Diluted share count can vary as a result of, among other things, the actual exercise of options or vesting of restricted stock units, the incremental dilutive shares from the Company's convertible senior subordinated notes, and the repurchase or the issuance of stock or convertible notes or the sale of treasury shares. In periods in which the quarterly average stock price per share exceeds \$18.50, the non-GAAP diluted share count and non-GAAP net income per share includes the impact of the Company's hedge transactions issued concurrently with our 1.00% convertible notes. As such, at an average stock price per share between \$18.50 and \$25.96, the hedging activity offsets the potentially dilutive effect of the 1.00% convertible notes. In periods when the quarterly average stock price per share exceeds \$20.72, the non-GAAP diluted share count and non-GAAP net income per share includes the anti-dilutive impact of the Company's hedge transactions issued concurrently with the 1.625% convertible notes. As such, at an average stock price per share between \$20.72 and \$30.70, the hedging activity offsets the potentially dilutive effect of the 1.625% convertible notes. Both GAAP and non-GAAP diluted share counts are based on the Company's stock price as of December 31, 2019.
- *** Special items may include: amortization of acquisition-related intangibles; expensing of appraised inventory fair market value step-up; purchased in-process research and development expenses; restructuring, asset impairments and other, net; goodwill impairment charges; gains and losses on debt prepayment; non-cash interest expense; actuarial (gains) losses on pension plans and other pension benefits; and certain other special items, as necessary. These special items are out of our control and could change significantly from period to period. As a result, we are not able to reasonably estimate and separately present the individual impact of these special items, and we are similarly unable to provide a reconciliation of the non-GAAP measures. The reconciliation that is unavailable would include a forward looking income statement, balance sheet and statement of cash flows in accordance with GAAP. For this reason, we use a projected range of the aggregate amount of special items in order to calculate our projected non-GAAP operating expense outlook.
- **** We believe these non-GAAP measures provide important supplemental information to investors. We use these measures, together with GAAP measures, for internal managerial purposes and as a means to evaluate period-toperiod comparisons. However, we do not, and you should not, rely on non-GAAP financial measures alone as measures of our performance. We believe that non-GAAP financial measures reflect an additional way of viewing aspects of our operations that, when taken together with GAAP results and the reconciliations to corresponding GAAP financial measures that we also provide in our releases, provide a more complete understanding of factors and trends affecting our business. Because non-GAAP financial measures are not standardized, it may not be possible to compare these financial measures with other companies' non-GAAP financial measures, even if they have similar names.

TELECONFERENCE

ON Semiconductor will host a conference call for the financial community at 9 a.m. Eastern Time (EST) on Feb. 3, 2020 to discuss this announcement and ON Semiconductor's results for the fourth quarter of 2019 and year then ended. The Company will also provide a real-time audio webcast of the teleconference on the Investor Relations page of its website at http://www.onsemi.com. The webcast replay will be available at this site approximately one hour following the live broadcast and will continue to be available for approximately 30 days following the conference call. Investors and interested parties can also access the conference call through a telephone call by dialing (877) 356-3762 (U.S./Canada) or (262) 558-6155 (International). In order to join this conference call, you will be required to provide the Conference ID Number, which is 9592878.

About ON Semiconductor

ON Semiconductor (Nasdaq: ON) is driving energy efficient innovations, empowering customers to reduce global energy use. The Company is a leading supplier of semiconductor-based solutions, offering a comprehensive portfolio of energy efficient power management, analog, sensors, logic, timing, connectivity, discrete, SoC and custom devices. The Company's products help engineers solve their unique design challenges in automotive, communications, computing, consumer, industrial, medical, aerospace and defense applications. ON Semiconductor operates a responsive, reliable, world-class supply chain and quality program, a robust compliance and ethics program and a network of manufacturing facilities, sales offices and design centers in key markets throughout North America, Europe and the Asia Pacific regions. For more information, visit http://www.onsemi.com.

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This document contains "forward-looking statements," as that term is defined in Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. All statements, other than statements of historical facts, included or incorporated in this document could be deemed forward-looking statements, particularly statements about the future financial performance of ON Semiconductor, including financial guidance for the year ending December 31, 2020. Forward-looking statements are often characterized by the use of words such as "believes," "estimates," "expects," "projects," "may," "will," "intends," "plans," or "anticipates," or by discussions of strategy, plans, or intentions. All forwardlooking statements in this document are made based on our current expectations, forecasts, estimates, and assumptions and involve risks, uncertainties, and other factors that could cause results or events to differ materially from those expressed in the forward-looking statements. Among these factors are our revenue and operating performance; economic conditions and markets (including current financial conditions); risk related to changes in tariffs or other government trade policies, including between the U.S. and China; risks related to our ability to meet our assumptions regarding outlook for revenue and gross margin as a percentage of revenue; effects of exchange rate fluctuations; the cyclical nature of the semiconductor industry; changes in demand for our products; changes in inventories at our customers and distributors; risks associated with restructuring actions and workforce reductions; technological and product development risks; risks that our products may be accused of infringing the IP rights of others; enforcement and protection of our intellectual property rights and related risks; risks related to the security of our information systems and secured network; availability of raw materials, electricity, gas, water, and other supply chain uncertainties; our ability to effectively shift production to other facilities when required in order to maintain supply continuity for our customers; variable demand and the aggressive pricing environment for semiconductor products; our ability to successfully manufacture in increasing volumes on a cost-effective basis and with acceptable quality for our current products; risks associated with our acquisitions and dispositions generally, including our ability to realize the anticipated benefits of our acquisitions and dispositions; including our acquisition of Quantenna Communications, Inc.; risks that acquisitions or dispositions may disrupt our current plans and operations, the risk of unexpected costs, charges, or expenses resulting from acquisitions or dispositions and difficulties arising from integrating and consolidating acquired businesses, our timely filing of financial information with the Securities and Exchange Commission ("SEC") for acquired businesses, and our ability to accurately predict the future financial performance of acquired businesses); competitor actions, including the adverse impact of competitor product announcements; pricing and gross profit pressures; risks associated with the addition of Huawei Technologies Co., Ltd. and its non-U.S. affiliates and subsidiaries, and other customers, to the U.S. Department of Commerce, Bureau of Industry Security Entity List; loss of key customers; order cancellations or reduced bookings; changes in manufacturing yields; control of costs and expenses and realization of cost savings and synergies from restructurings; the costs to defend against or pursue litigation and the potential significant costs associated with adverse litigation outcomes; risks associated with decisions to expend cash reserves for various uses in accordance with our capital allocation policy such as debt prepayment, stock repurchases, or acquisitions rather than to retain such cash for future needs; risks associated with our substantial leverage and restrictive covenants in our debt agreements that may be in place from time to time; risks associated with our worldwide operations, including changes in trade policies, foreign employment and labor matters associated with unions and collective bargaining arrangements, continuing political unrest in markets in which we do significant business, including Hong Kong, as well as man-made and/or natural disasters affecting our operations or financial results; the threat or occurrence of international armed conflict and terrorist activities both in the United States and internationally; risks of changes in U.S. or international tax rates or legislation; risks related to the potential impact of climate change and regulations related thereto on our operations; risks and costs associated with increased and new regulation of corporate governance and disclosure standards; risks related to new legal requirements; and risks and expenses involving environmental or other governmental regulation. Additional factors that could affect our future results or events are described under Part I, Item 1A "Risk Factors" in our 2018 Annual Report on Form 10-K filed with the SEC on February 20, 2019 (our "2018 Form 10-K"), Part II, Item IA "Risk Factors" in our Form 10-Q for the quarter ended March 29, 2019 (our "First Quarter 10-Q"), our Form 10-Q for the quarter ended June 28, 2019 (our "Second Quarter 10-Q"), and our Form 10-Q for the quarter ended September 27, 2019 (our "Third Quarter 10-O"), and from time-to-time in our other SEC reports. Readers are cautioned not to place undue reliance on forward-looking statements. We assume no obligation to update such information, except as may be required by law.

You should carefully consider the trends, risks, and uncertainties described in this document, our 2018 Form 10-K, our First Quarter 10-Q, our Second Quarter 10-Q, our Third Quarter 10-Q, and other reports filed with or furnished to the SEC before making any investment decision with respect to our securities. If any of these trends, risks, or uncertainties actually occurs or continues, our business, financial condition, or operating results could be materially adversely affected, the trading prices of our securities could decline, and you could lose all or part of your investment. All forward-looking statements attributable to us or persons acting on our behalf are expressly qualified in their entirety by this cautionary statement.

ON SEMICONDUCTOR CORPORATION AND SUBSIDIARIES UNAUDITED CONSOLIDATED STATEMENTS OF OPERATIONS

(in millions, except per share data)

	Quarter Ended							Year Ended				
	Dec	ember 31, 2019	S	eptember 27, 2019	Dec	cember 31, 2018	De	cember 31, 2019	De	cember 31, 2018		
Revenue	\$	1,401.8	\$	1,381.8	\$	1,503.1	\$	5,517.9	\$	5,878.3		
Cost of revenue (exclusive of amortization shown below)		916.1		906.6		933.4		3,544.3		3,639.6		
Gross profit		485.7		475.2		569.7		1,973.6		2,238.7		
Gross margin		34.6 %		34.4 %		37.9 %		35.8 %		38.1 %		
Operating expenses:												
Research and development		169.3		172.8		162.2		640.9		650.7		
Selling and marketing		75.6		74.7		82.1		301.0		324.7		
General and administrative		69.2		67.8		74.5		284.0		293.3		
Litigation settlement		_		169.5		_		169.5		_		
Amortization of acquisition-related intangible assets		32.1		29.9		28.4		115.2		111.7		
Restructuring, asset impairments and other charges, net		0.6		4.4		(3.7)		28.7		4.3		
Goodwill and intangible asset impairment						3.5		1.6		6.8		
Total operating expenses		346.8		519.1		347.0		1,540.9		1,391.5		
Operating income (loss)		138.9		(43.9)		222.7		432.7		847.2		
Other income (expense), net:												
Interest expense		(42.2)		(40.7)		(32.9)		(148.3)		(128.2)		
Interest income		2.4		2.3		2.8		10.2		6.1		
Loss on debt refinancing and prepayment				(5.8)				(6.2)		(4.6)		
Gain on divestiture of business		_		_		_		_		5.0		
Licensing income						3.7				36.6		
Other income (expense)		(16.4)		3.5		(7.6)		(11.8)		(7.1)		
Other income (expense), net		(56.2)		(40.7)		(34.0)		(156.1)		(92.2)		
Income (loss) before income taxes		82.7		(84.6)		188.7		276.6		755.0		
Income tax (provision) benefit		(25.8)		24.6		(22.7)		(62.7)		(125.1)		
Net income (loss)		56.9		(60.0)		166.0		213.9		629.9		
Less: Net income attributable to non-controlling interest		(0.4)		(0.7)		(0.4)		(2.2)		(2.5)		
Net income (loss) attributable to ON Semiconductor Corporation	\$	56.5	\$	(60.7)	\$	165.6	\$	211.7	\$	627.4		
Net income (loss) per common share attributable to ON Semiconductor Corporation:												
Basic	\$	0.14	\$	(0.15)	\$	0.40	\$	0.52	\$	1.48		
Diluted	\$	0.14	\$	(0.15)	\$	0.39	\$	0.51	\$	1.44		
Weighted average common shares outstanding:												
Basic		410.8		410.4		416.9		410.9		423.8		
Diluted		418.2		410.4		420.0		416.0		435.9		

ON SEMICONDUCTOR CORPORATION AND SUBSIDIARIES UNAUDITED CONSOLIDATED BALANCE SHEETS

	De	ecember 31, 2019	Sep	tember 27, 2019	D	ecember 31, 2018
Assets						
Cash and cash equivalents	\$	894.2	\$	928.7	\$	1,069.6
Receivables, net		705.0		716.6		686.0
Inventories		1,232.4		1,240.7		1,225.2
Other current assets		188.4		187.0		187.0
Total current assets		3,020.0		3,073.0		3,167.8
Property, plant and equipment, net		2,591.6		2,602.1		2,549.6
Goodwill		1,659.2		1,659.2		932.5
Intangible assets, net		590.5		622.6		566.4
Deferred tax assets		307.8		291.5		266.2
Other assets		256.4		273.9		105.1
Total assets	\$	8,425.5	\$	8,522.3	\$	7,587.6
Liabilities, Non-Controlling Interest and Stockholders' Equity						
Accounts payable	\$	543.6	\$	534.1	\$	671.7
Accrued expenses and other current liabilities		538.8		730.9		659.1
Current portion of long-term debt		736.0		736.6		138.5
Total current liabilities		1,818.4		2,001.6		1,469.3
Long-term debt		2,876.5		2,878.8		2,627.6
Deferred tax liabilities		60.2		59.8		54.8
Other long-term liabilities		346.3		342.5		241.8
Total liabilities		5,101.4		5,282.7		4,393.5
ON Semiconductor Corporation stockholders' equity:						
Common stock		5.7		5.6		5.6
Additional paid-in capital		3,809.5		3,779.1		3,702.3
Accumulated other comprehensive loss		(54.3)		(55.6)		(37.9)
Accumulated earnings		1,191.3		1,134.8		979.6
Less: Treasury stock, at cost		(1,650.5)		(1,648.6)		(1,478.0)
Total ON Semiconductor Corporation stockholders' equity		3,301.7		3,215.3		3,171.6
Non-controlling interest		22.4		24.3		22.5
Total stockholders' equity		3,324.1		3,239.6		3,194.1
Total liabilities and stockholders' equity	\$	8,425.5	\$	8,522.3	\$	7,587.6

ON SEMICONDUCTOR CORPORATION AND SUBSIDIARIES UNAUDITED RECONCILIATION OF NET INCOME TO ADJUSTED EBITDA AND NET CASH PROVIDED BY OPERATING ACTIVITIES

Net nome (loss)			Quarter Ended	Year Ended				
Adjusted for: Licensing income R&D costs related to licensing income Restructuring, asset impairments and other charges, net Goodwill and intangible asset impairment Interest expense Adv. 2 40.7 32.9 148.3 128.2 Interest income Loss on debt refinancing and prepayment Litigation settlement Litigation settlement Carlo, 0 4.4 (2.3) (2.8) (10.2) (6.1) Loss on debt refinancing and prepayment Litigation settlement Carlo, 0 4.6 (2.4) (2.3) (2.8) (10.2) (6.1) Loss on debt refinancing and prepayment Carlo, 0 5.8 (24.6) (2.7) (6.2) (2.5) Loss on debt refinancing and prepayment Carlo, 0 6.8 (24.6) (2.7) (6.2) (2.5) Net income attributable to non-controlling interest Net income attributable to non-controlling interest Carlo, 0 6.9 (1.1) (1.5) (1.1) (1.5) Amortization of fair market value step-up of inventory Carlo, 0 6.9 (1.0) (1.0) (1.5) (11.6) (1.0) Adjustment to contingent consideration Actuarial losses on pension plans and other pension benefits Litigation settlement Carlo, 0 6.0 (1.0) (1.5) (11.6) (1.5) Restructuring, asset impairments and other charges, net Carlo, 0 6.0 (4.4) (3.7) (3.2.9) (4.8.3) (1.2.2) Interest (decrease): Licensing income Carlo, 0 6.0 (4.4) (3.7) (2.8) (4.3) Restructuring, asset impairments and other charges, net Carlo, 0 6.0 (4.4) (3.7) (3.2.9) (4.8.3) (1.2.2) Interest expense Litigation settlement Carlo, 0 6.0 (4.4) (3.7) (3.2.9) (4.8.3) (1.2.2) Interest income Carlo, 0 6.0 (4.4) (3.7) (3.2.9) (4.8.3) (1.2.2) Interest income Carlo, 0 6.0 (4.4) (3.7) (3.2.9) (4.8.3) (1.2.2) Interest income Carlo, 0 6.0 (4.4) (3.7) (3.2.9) (4.8.3) (1.2.2) Interest income Carlo, 0 6.0 (4.4) (3.7) (3.2.9) (4.8.3) (1.2.2) Litigation settlement Carlo, 0 6.0 (4.2) (4.0.7) (3.2.9) (4.8.3) (1.2.2) Interest income Carlo, 0 6.0 (4.4) (3.7) (3.2.9) (4.8.3) (1.2.2) Amortization of fair market value step-up of inventory Carlo, 0 6.0 (4.9) (4.9) (4.9) (4.9) (4.9) (4.9) (4.9) (4.9) Carlo, 0 6.0 (4.9) (4.9) (4.9) (4.9) (4.9) (4.9) (4.9) Carlo, 0 6.0 (4.9) (4.9) (4.9) (4.9) (4		December 31, 2019						
Licensing income - -	Net income (loss)	\$ 56.9	\$ (60.0)	\$ 166.0	\$ 213.9	\$ 629.9		
R&D costs related to licensing income — — — — 7.0 Restructuring, asset impairments and other charges, net 0.6 4.4 (3.7) 28.7 4.3 Goodwill and intangible asset impairment — — 3.5 1.6 6.8 Interest expense 42.2 40.7 32.9 148.3 128.2 Income composition of the person of debt refinancing and prepayment — 5.8 — 6.2 4.6 Litigation settlement — 169.5 — 169.5 — 169.5 — Income tax provision (benefit) 25.8 (24.6) 22.7 62.7 125.1 Net income attributable to non-controlling interest 0.4 0.7 (0.4 (2.2) (2.5) Depreciation and amortization 162.0 151.3 136.2 593.1 508.7 Amortization of fair market value step-up of inventory — 19.0 0.6 19.6 1.0 Gain on divestiture of business — — — — — —<	Adjusted for:							
Restructuring, asset impairments and other charges, net 0.6 4.4 (3.7) 28.7 4.3 Goodwill and intangible asset impairment -	Licensing income	_	_	(3.7)	_	(36.6)		
Charges, net	R&D costs related to licensing income	_	_	_	_	7.0		
Interest expense		0.6	4.4	(3.7)	28.7	4.3		
Interest income	Goodwill and intangible asset impairment	_	_	3.5	1.6	6.8		
Loss on debt refinancing and prepayment — 5.8 — 6.2 4.6	Interest expense	42.2	40.7	32.9	148.3	128.2		
Litigation settlement	Interest income	(2.4)	(2.3)	(2.8)	(10.2)	(6.1)		
Income tax provision (benefit) 25.8 (24.6) 22.7 62.7 125.1 Net income attributable to non-controlling interest (0.4) (0.7) (0.4) (2.2) (2.5) Depreciation and amortization 162.0 151.3 136.2 593.1 508.7 Amortization of fair market value step-up of inventory - 19.0 0.6 19.6 1.0 Gain on divestiture of business - - - - (5.0) Adjustment to contingent consideration - - - - - (2.1) Actuarial losses on pension plans and other pension benefits 15.6 - 5.8 15.6 5.8 Third party acquisition and divestiture related costs 0.5 1.0 1.5 11.3 4.4 Indemnification gain - (2.9) - (7.8) - Adjusted EBITDA 300.8 301.2 358.6 1,250.3 1,373.5 Increase (decrease): Licensing income - 3.7 - 36.6 R&D costs related to licensing income - 3.7 - (7.0) Restructuring, asset impairments and other charges, net (0.6) (4.4) 3.7 (28.7) (4.3) Interest expense (42.2) (40.7) (32.9) (148.3) (128.2) Interest income 2.4 2.3 2.8 10.2 6.1 Litigation settlement - (169.5) - (169.5) - Income tax (provision) benefit (25.8) 24.6 (22.7) (62.7) (125.1) Net income attributable to non-controlling interest (15.6) - (19.0) (0.6) (19.6) (1.0) Adjustment to contingent consideration - - - - 2.1 Actuarial losses on pension plans and other pension benefits (15.6) - (5.8) (15.6) (5.8) Third party acquisition and divestiture related costs (0.5) (1.0) (1.5) (11.3) (4.4)	Loss on debt refinancing and prepayment	_	5.8	_	6.2	4.6		
Net income attributable to non-controlling interest (0.4) (0.7) (0.4) (2.2) (2.5) Depreciation and amortization 162.0 151.3 136.2 593.1 508.7 Amortization of fair market value step-up of inventory — 19.0 0.6 19.6 1.0 Gain on divestiture of business — — — — — (5.0) Adjustment to contingent consideration — — — — — (5.0) Adjustment to contingent consideration — — — — — (2.1) Actuarial losses on pension plans and other pension benefits 15.6 — 5.8 15.6 5.8 Third party acquisition and divestiture related costs 0.5 1.0 1.5 11.3 4.4 Independent opension plans and other pension benefits — (2.9) — (7.8) — Adjusted EBITDA 300.8 301.2 358.6 1,250.3 1,373.5 Increase (decrease): Licensing income — — <td< td=""><td>Litigation settlement</td><td>_</td><td>169.5</td><td>_</td><td>169.5</td><td>_</td></td<>	Litigation settlement	_	169.5	_	169.5	_		
Interest	Income tax provision (benefit)	25.8	(24.6)	22.7	62.7	125.1		
Amortization of fair market value step-up of inventory — 19.0 0.6 19.6 1.0 Gain on divestiture of business — — — — — (5.0) Adjustment to contingent consideration — — — — — (2.1) Actuarial losses on pension plans and other pension benefits 15.6 — 5.8 15.6 5.8 Third party acquisition and divestiture related costs 0.5 1.0 1.5 11.3 4.4 Indemnification gain — (2.9) — (7.8) — Adjusted EBITDA 300.8 301.2 358.6 1,250.3 1,373.5 Increase (decrease): Licensing income — — 3.7 — 36.6 R&D costs related to licensing income — — — — (7.0) Restructuring, asset impairments and other charges, net (42.2) (40.7) (32.9) (148.3) (128.2) Interest expense (42.2) (40.7) (32.9) (148.3) (128.2) <td></td> <td>(0.4)</td> <td>(0.7)</td> <td>(0.4)</td> <td>(2.2)</td> <td>(2.5)</td>		(0.4)	(0.7)	(0.4)	(2.2)	(2.5)		
inventory — 19.0 0.6 19.6 1.0 Gain on divestiture of business — — — — — (5.0) Adjustment to contingent consideration — — — — (2.1) Actuarial losses on pension plans and other pension benefits 15.6 — 5.8 15.6 5.8 Third party acquisition and divestiture related costs 0.5 1.0 1.5 11.3 4.4 Indemnification gain — (2.9) — (7.8) — Adjusted EBITDA 300.8 301.2 358.6 1,250.3 1,373.5 Increase (decrease): Increase (decrease): — — 3.7 — 36.6 R&D costs related to licensing income — — 3.7 — 36.6 R&D costs related to licensing income — — — — (7.0) Restructuring, asset impairments and other charges, net (42.2) (40.7) (32.9) (148.3) (128.2) Interest income	Depreciation and amortization	162.0	151.3	136.2	593.1	508.7		
Adjustment to contingent consideration Actuarial losses on pension plans and other pension benefits Third party acquisition and divestiture related costs 15.6		_	19.0	0.6	19.6	1.0		
Actuarial losses on pension plans and other pension benefits 15.6 — 5.8 15.6 5.8 Third party acquisition and divestiture related costs 0.5 1.0 1.5 11.3 4.4 Indemnification gain — (2.9) — (7.8) — Adjusted EBITDA 300.8 301.2 358.6 1,250.3 1,373.5 Increase (decrease): Licensing income — — 3.7 — 36.6 R&D costs related to licensing income — — 3.7 — 36.6 R&D costs related to licensing income — — 3.7 — 36.6 R&D costs related to licensing income — — 3.7 — 36.6 R&D costs related to licensing income — — 3.7 — 36.6 R&D costs related to licensing income — — 3.7 — 36.6 R&D costs related to licensing income — — 40.7 3.7 — 43.3 Interest capense	Gain on divestiture of business	_	_	_	_	(5.0)		
Actuarial losses on pension plans and other pension benefits 15.6 — 5.8 15.6 5.8 Third party acquisition and divestiture related costs 0.5 1.0 1.5 11.3 4.4 Indemnification gain — (2.9) — (7.8) — Adjusted EBITDA 300.8 301.2 358.6 1,250.3 1,373.5 Increase (decrease): Licensing income — — 3.7 — 36.6 R&D costs related to licensing income — — — 7 — 36.6 R&D costs related to licensing income — — — — (7.0) Restructuring, asset impairments and other charges, net (0.6) (4.4) 3.7 (28.7) (4.3) Interest expense (42.2) (40.7) (32.9) (148.3) (128.2) Interest income 2.4 2.3 2.8 10.2 6.1 Litigation settlement — (169.5) — (169.5) — (169.5) — <t< td=""><td>Adjustment to contingent consideration</td><td>_</td><td>_</td><td>_</td><td>_</td><td>(2.1)</td></t<>	Adjustment to contingent consideration	_	_	_	_	(2.1)		
costs 0.5 1.0 1.5 11.3 4.4 Indemnification gain — (2.9) — (7.8) — Adjusted EBITDA 300.8 301.2 358.6 1,250.3 1,373.5 Increase (decrease): Users (decrease): Licensing income — — 3.7 — 36.6 R&D costs related to licensing income — — — — (7.0) Restructuring, asset impairments and other charges, net (0.6) (4.4) 3.7 (28.7) (4.3) Interest expense (42.2) (40.7) (32.9) (148.3) (128.2) Interest income 2.4 2.3 2.8 10.2 6.1 Litigation settlement — (169.5) — (169.5) — Income tax (provision) benefit (25.8) 24.6 (22.7) (62.7) (125.1) Net income attributable to non-controlling interest — (19.0) (0.6) (19.6) (1.0) Adjustment to contingen	Actuarial losses on pension plans and other pension benefits	15.6		5.8	15.6			
Adjusted EBITDA 300.8 301.2 358.6 1,250.3 1,373.5 Increase (decrease): Licensing income — — — — — — — — — — — — 3.7 — — 36.6 R&D costs related to licensing income — — — — — — — — — — — — (7.0) Restructuring, asset impairments and other charges, net (0.6) (4.4) 3.7 (28.7) (4.3) Interest expense (42.2) (40.7) (32.9) (148.3) (128.2) Interest income 2.4 2.3 2.8 10.2 6.1 Litigation settlement — (169.5) — (169.5) — (169.5) — (169.5) — Income tax (provision) benefit (25.8) 24.6 (22.7) (62.7) (125.1) Net income attributable to non-controlling interest 0.4 0.7 0.4 2.2 2.5 Amortization of fair market value step-up of inventory — (19.0) (0.6) (19.6) (1.0) Adjustment to contingent consideration — — — — — — — — — — — — — — — — — — —		0.5	1.0	1.5	11.3	4.4		
Licensing income	Indemnification gain		(2.9)	_	(7.8)	_		
Licensing income — — 3.7 — 36.6 R&D costs related to licensing income — — — — — (7.0) Restructuring, asset impairments and other charges, net (0.6) (4.4) 3.7 (28.7) (4.3) Interest expense (42.2) (40.7) (32.9) (148.3) (128.2) Interest income 2.4 2.3 2.8 10.2 6.1 Litigation settlement — (169.5) — (169.5) — Income tax (provision) benefit (25.8) 24.6 (22.7) (62.7) (125.1) Net income attributable to non-controlling interest 0.4 0.7 0.4 2.2 2.5 Amortization of fair market value step-up of inventory — (19.0) (0.6) (19.6) (1.0) Adjustment to contingent consideration — — — — 2.1 Actuarial losses on pension plans and other pension benefits (15.6) — (5.8) (15.6) (5.8) Third party acquisition and divestiture related costs (0.5) (1.0) (1.5) (11	Adjusted EBITDA	300.8	301.2	358.6	1,250.3	1,373.5		
R&D costs related to licensing income — — — — — (7.0) Restructuring, asset impairments and other charges, net (0.6) (4.4) 3.7 (28.7) (4.3) Interest expense (42.2) (40.7) (32.9) (148.3) (128.2) Interest income 2.4 2.3 2.8 10.2 6.1 Litigation settlement — (169.5) — (169.5) — Income tax (provision) benefit (25.8) 24.6 (22.7) (62.7) (125.1) Net income attributable to non-controlling interest 0.4 0.7 0.4 2.2 2.5 Amortization of fair market value step-up of inventory — (19.0) (0.6) (19.6) (1.0) Adjustment to contingent consideration — — — 2.1 Actuarial losses on pension plans and other pension benefits (15.6) — (5.8) (15.6) (5.8) Third party acquisition and divestiture related costs (0.5) (1.0) (1.5) (11.3) (4.4) </td <td>Increase (decrease):</td> <td></td> <td></td> <td></td> <td></td> <td></td>	Increase (decrease):							
Restructuring, asset impairments and other charges, net (0.6) (4.4) 3.7 (28.7) (4.3) Interest expense (42.2) (40.7) (32.9) (148.3) (128.2) Interest income 2.4 2.3 2.8 10.2 6.1 Litigation settlement — (169.5) — (169.5) — Income tax (provision) benefit (25.8) 24.6 (22.7) (62.7) (125.1) Net income attributable to non-controlling interest 0.4 0.7 0.4 2.2 2.5 Amortization of fair market value step-up of inventory — (19.0) (0.6) (19.6) (1.0) Adjustment to contingent consideration — — — 2.1 Actuarial losses on pension plans and other pension benefits (15.6) — (5.8) (15.6) (5.8) Third party acquisition and divestiture related costs (0.5) (1.0) (1.5) (11.3) (4.4)	Licensing income	_	_	3.7	_	36.6		
charges, net (0.6) (4.4) 3.7 (28.7) (4.3) Interest expense (42.2) (40.7) (32.9) (148.3) (128.2) Interest income 2.4 2.3 2.8 10.2 6.1 Litigation settlement — (169.5) — (169.5) — Income tax (provision) benefit (25.8) 24.6 (22.7) (62.7) (125.1) Net income attributable to non-controlling interest 0.4 0.7 0.4 2.2 2.5 Amortization of fair market value step-up of inventory — (19.0) (0.6) (19.6) (1.0) Adjustment to contingent consideration — — — — 2.1 Actuarial losses on pension plans and other pension benefits (15.6) — (5.8) (15.6) (5.8) Third party acquisition and divestiture related costs (0.5) (1.0) (1.5) (11.3) (4.4)	R&D costs related to licensing income		_	_	_	(7.0)		
Interest income 2.4 2.3 2.8 10.2 6.1 Litigation settlement — (169.5) — (169.5) — (169.5) — Income tax (provision) benefit (25.8) 24.6 (22.7) (62.7) (125.1) Net income attributable to non-controlling interest 0.4 0.7 0.4 2.2 2.5 Amortization of fair market value step-up of inventory — (19.0) (0.6) (19.6) (1.0) Adjustment to contingent consideration — — — — — — — — 2.1 Actuarial losses on pension plans and other pension benefits (15.6) — (5.8) (15.6) (5.8) Third party acquisition and divestiture related costs (0.5) (1.0) (1.5) (11.3) (4.4)		(0.6)	(4.4)	3.7	(28.7)	(4.3)		
Litigation settlement — (169.5) — (169.5) — Income tax (provision) benefit (25.8) 24.6 (22.7) (62.7) (125.1) Net income attributable to non-controlling interest 0.4 0.7 0.4 2.2 2.5 Amortization of fair market value step-up of inventory — (19.0) (0.6) (19.6) (1.0) Adjustment to contingent consideration — — — — — 2.1 Actuarial losses on pension plans and other pension benefits (15.6) — (5.8) (15.6) (5.8) Third party acquisition and divestiture related costs (0.5) (1.0) (1.5) (11.3) (4.4)	Interest expense	(42.2)	(40.7)	(32.9)	(148.3)	(128.2)		
Income tax (provision) benefit (25.8) 24.6 (22.7) (62.7) (125.1) Net income attributable to non-controlling interest 0.4 0.7 0.4 2.2 2.5 Amortization of fair market value step-up of inventory — (19.0) (0.6) (19.6) (1.0) Adjustment to contingent consideration — — — — — 2.1 Actuarial losses on pension plans and other pension benefits (15.6) — (5.8) (15.6) (5.8) Third party acquisition and divestiture related costs (0.5) (1.0) (1.5) (11.3) (4.4)	Interest income	2.4	2.3	2.8	10.2	6.1		
Net income attributable to non-controlling interest 0.4 0.7 0.4 2.2 2.5 Amortization of fair market value step-up of inventory — (19.0) (0.6) (19.6) (1.0) Adjustment to contingent consideration — — — — — — 2.1 Actuarial losses on pension plans and other pension benefits (15.6) — (5.8) (15.6) (5.8) Third party acquisition and divestiture related costs (0.5) (1.0) (1.5) (11.3) (4.4)	Litigation settlement	_	(169.5)	_	(169.5)	_		
interest 0.4 0.7 0.4 2.2 2.5 Amortization of fair market value step-up of inventory — (19.0) (0.6) (19.6) (1.0) Adjustment to contingent consideration — — — — — — 2.1 Actuarial losses on pension plans and other pension benefits (15.6) — (5.8) (15.6) (5.8) Third party acquisition and divestiture related costs (0.5) (1.0) (1.5) (11.3) (4.4)	Income tax (provision) benefit	(25.8)	24.6	(22.7)	(62.7)	(125.1)		
inventory — (19.0) (0.6) (19.6) (1.0) Adjustment to contingent consideration — — — — — — 2.1 Actuarial losses on pension plans and other pension benefits (15.6) — (5.8) (15.6) (5.8) Third party acquisition and divestiture related costs (0.5) (1.0) (1.5) (11.3) (4.4)		0.4	0.7	0.4	2.2	2.5		
Adjustment to contingent consideration — — — — — — — — 2.1 Actuarial losses on pension plans and other pension benefits (15.6) — (5.8) (15.6) (5.8) Third party acquisition and divestiture related costs (0.5) (1.0) (1.5) (11.3) (4.4)		_	(19.0)	(0.6)	(19.6)	(1.0)		
pension benefits (15.6) — (5.8) (15.6) (5.8) Third party acquisition and divestiture related costs (0.5) (1.0) (1.5) (11.3) (4.4)	Adjustment to contingent consideration		_	_	_	2.1		
costs (0.5) (1.0) (1.5) (11.3) (4.4)		(15.6)	_	(5.8)	(15.6)	(5.8)		
Indemnification gain — 2.9 — 7.8 —		(0.5)	(1.0)	(1.5)	(11.3)	(4.4)		
	Indemnification gain	<u> </u>	2.9		7.8			

ON SEMICONDUCTOR CORPORATION AND SUBSIDIARIES UNAUDITED RECONCILIATION OF NET INCOME TO ADJUSTED EBITDA AND NET CASH PROVIDED BY OPERATING ACTIVITIES (Continued)

Loca (coin) on colo on disposal of fined cocata	December 31, 2019	Sept	ember 27,				
I ass (sain) an sale an dismosal of five descate			2019	December 31, 2018	December 31, 2019	Dec	cember 31, 2018
Loss (gain) on sale or disposal of fixed assets	1.4		0.1	(1.2)	1.9		2.4
Amortization of debt discount and issuance costs	3.1		3.3	3.4	13.0		13.2
Payments for term debt modification	_			_	_		(1.1)
Share-based compensation expense	17.7		14.7	18.9	79.4		78.3
Non-cash interest on convertible notes	9.9		9.5	9.5	37.8		36.1
Non-cash asset impairment charges	0.5		_	_	3.4		2.4
Change in deferred taxes	0.4		(21.5)	(10.7)	11.2		69.2
Other	1.4		(0.1)	2.0	(0.1)		(1.6)
Changes in assets and liabilities	(161.6)		139.1	93.4	(266.7)		(69.7)
Net cash provided by operating activities	\$ 91.7	\$	242.2	\$ 421.0	\$ 694.7	\$	1,274.2
Cash flows from investing activities:							
Purchase of property, plant and equipment	\$ (112.4)	\$	(111.7)	\$ (132.0)	\$ (534.6)	\$	(514.8)
Proceeds from sales of property, plant and equipment	0.4		0.1	30.2	1.9		36.5
Deposits utilized for purchases of property, plant and equipment	4.8		0.1	9.7	4.6		4.1
Purchase of business, net of cash acquired	_		(21.0)	_	(888.0)		(70.9)
Purchase of license and deposit made for manufacturing facility	_		_	_	(100.0)		_
Purchase of equity interest and assets, net of cash acquired	_		_	(4.8)	_		(24.6)
Proceeds from divestiture of business and release of escrow	0.2		_	1.1	5.2		8.4
Proceeds from repayment of note receivable	_			_			10.2
Other				2.2			2.2
Net cash used in investing activities	\$ (107.0)	\$	(132.5)	\$ (93.6)	\$ (1,510.9)	\$	(548.9)
Cash flows from financing activities:							
Proceeds for the issuance of common stock under the employee stock purchase plan	\$ 6.6	\$	5.8	\$ 6.3	\$ 26.2	\$	25.0
Proceeds from exercise of stock options	0.4		0.4	1.3	1.7		5.7
Payment of tax withholding for restricted shares	(1.9)		(4.4)	(2.4)	(33.5)		(31.6)
Repurchase of common stock	_		(13.2)	(200.3)	(139.0)		(315.3)
Borrowings under debt agreements	_		500.5	7.1	1,404.8		15.3
Payments of debt issuance and other financing costs	(2.1)		(17.2)	_	(24.0)		_
Repayment of long-term debt	(14.3)		(541.5)	(18.5)	(594.4)		(298.4)
Acquisition related payments	(5.2)		_	_	(5.2)		_
Release of escrow related to prior acquisition	<u> </u>		(10.4)	_	(10.4)		_
Payment of finance lease obligations	(0.2)		(0.2)	(0.3)	(0.8)		(3.6)
Dividend to non-controlling shareholder	(2.3)		_	(2.2)	(2.3)		(2.2)
Net cash provided by (used in) financing	\$ (19.0)		(80.2)			\$	(605.1)
Effect of exchange rate changes on cash, cash equivalents and restricted cash	\$ (0.2)	\$	0.1	\$ 0.2	\$ 0.2	\$	0.3

ON SEMICONDUCTOR CORPORATION AND SUBSIDIARIES UNAUDITED RECONCILIATION OF NET INCOME TO ADJUSTED EBITDA AND NET CASH PROVIDED BY OPERATING ACTIVITIES (Continued)

		Qua	arter Ended				Year Ended				
	ember 31, 2019	September 27, 2019		December 31, 2018		December 31, 2019		Dec	cember 31, 2018		
Net increase (decrease) in cash, cash equivalents and restricted cash	\$ (34.5)	\$	29.6	\$	118.6	\$	(192.9)	\$	120.5		
Cash, cash equivalents and restricted cash, beginning of period	\$ 928.7	\$	899.1	\$	968.5	\$	1,087.1	\$	966.6		
Cash, cash equivalents and restricted cash, end of period	\$ 894.2	\$	928.7	\$	1,087.1	\$	894.2	\$	1,087.1		

ON SEMICONDUCTOR CORPORATION AND SUBSIDIARIES RECONCILIATION OF GAAP VERSUS NON-GAAP DISCLOSURES

(in millions, except per share and percentage data)

					arter Ended			Year l	Ended		
		Dec	ember 31, 2019	Sep	tember 27, 2019	Dec	ember 31, 2018	De	cember 31, 2019	De	cember 31, 2018
	onciliation of GAAP gross profit to non- AP gross profit:										
	AP gross profit	\$	485.7	\$	475.2	\$	569.7	\$	1,973.6	\$	2,238.7
	ecial items:										,
a)	Expensing of appraised inventory at fair market value step up				19.0		0.6		19.6		1.0
	Total special items				19.0		0.6		19.6		1.0
Non	-GAAP gross profit	\$	485.7	\$	494.2	\$	570.3	\$	1,993.2	\$	2,239.7
	onciliation of GAAP gross margin to non- AP gross margin:										
GA	AP gross margin		34.6 %		34.4 %		37.9 %		35.8 %		38.1 %
Spe	ecial items:										
a)	Expensing of appraised inventory at fair market value step up		%		1.4 %		%		0.4 %		<u> </u>
	Total special items		— %		1.4 %		<u> </u>		0.4 %		— %
Non	-GAAP gross margin		34.6 %		35.8 %		37.9 %		36.1 %	_	38.1 %
Rec non	onciliation of GAAP operating expenses to -GAAP operating expenses:										
	AP operating expenses	\$	346.8	\$	519.1	\$	347.0	\$	1,540.9	\$	1,391.5
Spe	ecial items:										
a)	Amortization of acquisition-related intangible assets		(32.1)		(29.9)		(28.4)		(115.2)		(111.7)
b)	Restructuring, asset impairments and other charges, net		(0.6)		(4.4)		3.7		(28.7)		(4.3)
c)	Goodwill and intangible asset impairment		_		_		(3.5)		(1.6)		(6.8)
d)	Third party acquisition and divestiture related costs		(0.5)		(1.0)		(1.5)		(11.3)		(4.4)
e)	R&D costs related to licensing income		_		_		_		_		(7.0)
f)	Litigation settlement				(169.5)				(169.5)		
	Total special items		(33.2)		(204.8)		(29.7)		(326.3)	_	(134.2)
	-GAAP operating expenses	\$	313.6	\$	314.3	\$	317.3	\$	1,214.6	\$	1,257.3
Rec non	onciliation of GAAP operating income (loss) to -GAAP operating income:										
GA	AP operating income (loss)	\$	138.9	\$	(43.9)	\$	222.7	\$	432.7	\$	847.2
Spe	ecial items:										
a)	Expensing of appraised inventory at fair market value step up		_		19.0		0.6		19.6		1.0
b)	Amortization of acquisition-related intangible assets		32.1		29.9		28.4		115.2		111.7
c)	Restructuring, asset impairments and other charges, net		0.6		4.4		(3.7)		28.7		4.3
d)	Goodwill and intangible asset impairment						3.5		1.6		6.8
e)	Third party acquisition and divestiture related costs		0.5		1.0		1.5		11.3		4.4
f)	R&D costs related to licensing income		_				_				7.0
g)	Litigation settlement		_		169.5				169.5		_

ON SEMICONDUCTOR CORPORATION AND SUBSIDIARIES RECONCILIATION OF GAAP VERSUS NON-GAAP DISCLOSURES (Continued)

(in millions, except per share and percentage data)

		Quarter			uarter Ended				Year I	Ended	
			nber 31, 019	Se	eptember 27, 2019	Dec	ember 31, 2018	Dec	ember 31, 2019	Dec	ember 31, 2018
	Total special items		33.2		223.8		30.3		345.9		135.2
Non	-GAAP operating income	\$	172.1	\$	179.9	\$	253.0	\$	778.6	\$	982.4
GA	onciliation of GAAP operating margin to non-AP operating margin (operating income / nue):										
GA	AP operating margin		9.9 %		(3.2)%		14.8 %		7.8 %		14.4 %
Spe	ecial items:										
a)	Expensing of appraised inventory at fair market value step up		%		1.4 %		— %		0.4 %		— %
b)	Amortization of acquisition-related intangible assets		2.3 %		2.2 %		1.9 %		2.1 %		1.9 %
c)	Restructuring, asset impairments and other charges, net		%		0.3 %		(0.2)%		0.5 %		0.1 %
d)	Goodwill and intangible asset impairment		— %		— %		0.2 %		— %		0.1 %
e)	Third party acquisition and divestiture related costs		%		0.1 %		0.1 %		0.2 %		0.1 %
f)	R&D costs related to licensing income		— %		— %		— %		— %		0.1 %
g)	Litigation settlement		<u> </u>		12.3 %		<u> </u>		3.1 %		<u> </u>
	Total special items		2.4 %		16.2 %		2.0 %		6.3 %		2.3 %
Non	-GAAP operating margin		12.3 %		13.0 %		16.8 %		14.1 %		16.7 %
inco taxe											
	AP income before income taxes	\$	82.7	\$	(84.6)	\$	188.7	\$	276.6	\$	755.0
	ecial items:										
a)	Expensing of appraised inventory at fair market value step-up		_		19.0		0.6		19.6		1.0
b)	Amortization of acquisition-related intangible assets		32.1		29.9		28.4		115.2		111.7
c)	Restructuring, asset impairments and other charges, net		0.6		4.4		(3.7)		28.7		4.3
d)	Goodwill and intangible asset impairment		_		_		3.5		1.6		6.8
e)	Third party acquisition and divestiture related costs		0.5		1.0		1.5		11.3		4.4
f)	R&D costs related to licensing income		_		_		_		_		7.0
g)	Litigation settlement		_		169.5		_		169.5		_
h)	Actuarial losses on pension plans and other pension benefits		15.6		_		5.8		15.6		5.8
i)	Loss on debt refinancing and prepayment		—		5.8		_		6.2		4.6
j)	Non-cash interest on convertible notes		9.9		9.5		9.5		37.8		36.1
k)	Indemnification gain		_		(2.9)		_		(7.8)		_
1)	Adjustment to contingent consideration		_				_		_		(2.1)
m)	Licensing income		_		_		(3.7)		_		(36.6)
n)	Gain on divestiture of business										(5.0)
	Total special items		58.7		236.2		41.9		397.7		138.0
Non	-GAAP income before income taxes	\$	141.4	\$	151.6	\$	230.6	\$	674.3	\$	893.0

ON SEMICONDUCTOR CORPORATION AND SUBSIDIARIES RECONCILIATION OF GAAP VERSUS NON-GAAP DISCLOSURES (Continued)

(in millions, except per share and percentage data)

			Quarter Ended					Year 1	Ended		
		ber 31,)19		mber 27, 2019		mber 31, 2018	Dec	ember 31, 2019	Dec	ember 31, 2018	
attri non-	onciliation of GAAP net income (loss) butable to ON Semiconductor Corporation to GAAP net income attributable to ON iconductor Corporation:										
	AP net income (loss) attributable to ON iconductor Corporation	\$ 56.5	\$	(60.7)	\$	165.6	\$	211.7	\$	627.4	
Spe	ecial items:										
a)	Expensing of appraised inventory at fair market value step-up	_		19.0		0.6		19.6		1.0	
b)	Amortization of acquisition-related intangible assets	32.1		29.9		28.4		115.2		111.7	
c)	Restructuring, asset impairments and other charges, net	0.6		4.4		(3.7)		28.7		4.3	
d)	Goodwill and intangible asset impairment	_		_		3.5		1.6		6.8	
e)	Third party acquisition and divestiture related costs	0.5		1.0		1.5		11.3		4.4	
f)	R&D costs related to licensing income	_		_		_		_		7.0	
g)	Litigation settlement	_		169.5		_		169.5			
h)	Actuarial losses on pension plans and other pension benefits	15.6		_		5.8		15.6		5.8	
i)	Loss on debt refinancing and prepayment			5.8				6.2		4.6	
j)	Non-cash interest on convertible notes	9.9		9.5		9.5		37.8		36.1	
k)	Indemnification gain	_		(2.9)		_		(7.8)		_	
1)	Adjustment to contingent consideration	_		_		_		_		(2.1)	
m)	Licensing income	_				(3.7)		_		(36.6)	
n)	Gain on divestiture of business	_		_		_		_		(5.0)	
o)	Adjustment of income taxes	 9.1		(38.7)		14.5		3.7		71.9	
	Total special items	 67.8		197.5		56.4		401.4		209.9	
	-GAAP net income attributable to ON iconductor Corporation	\$ 124.3	\$	136.8	\$	222.0	\$	613.1	\$	837.3	
Adj	ustment of income taxes:										
Tax	adjustment for Special items (1)	\$ (12.3)	\$	(49.6)	\$	(8.8)	\$	(83.5)	\$	(29.0)	
Othe	er non-GAAP tax adjustment (2)	21.4		10.9		36.4		83.2		114.0	
Impa	act of U.S. tax reform (3)	_				35.1		_		35.1	
_	act of U.S. tax method changes	_		_		(48.2)		_		(48.2)	
Tax	indemnified by third parties							4.0			
	Total adjustment of income taxes	\$ 9.1	\$	(38.7)	\$	14.5	\$	3.7	\$	71.9	

⁽¹⁾ Tax impact of non-GAAP Special items (a-n), calculated using the federal statutory rate of 21% for all periods presented.

⁽³⁾ Tax impacts of U.S. tax reform legislation, H.R.1, commonly referred to as the Tax Cuts and Jobs Act, and related provisional impacts recorded pursuant to Staff Accounting Bulletin (SAB) No. 118, Income Tax Accounting Implications of the Tax Cuts and Jobs Act.

Reconciliation of GAAP diluted share count to non-GAAP diluted share count:					
GAAP diluted share count	418.2	410.4	420.0	416.0	435.9

⁽²⁾ The income tax adjustment primarily represents the use of the net operating loss, non-cash impact of not asserting indefinite reinvestment on earnings of our foreign subsidiaries, deferred tax expense not affecting taxes payable, and non-cash expense (benefit) related to uncertain tax positions.

ON SEMICONDUCTOR CORPORATION AND SUBSIDIARIES RECONCILIATION OF GAAP VERSUS NON-GAAP DISCLOSURES (Continued)

(in millions, except per share and percentage data)

Special items:		Quarter Ended							Year Ended			
a) Less: dilutive share count attributable to convertible notes (5.1) — — — — — — — — — — — — — — — — — — —						Dece		Dec		Dec		
Convertible notes Conv	Special items:											
Total special items Count Count			(5.1)		_		_		(3.2)		(7.8)	
Non-GAAP diluted share count 413.1 412.3 420.0 412.8 428.1 Non-GAAP diluted earnings per share: Non-GAAP net income attributable to ON Semiconductor Corporation \$ 124.3 \$ 136.8 \$ 222.0 \$ 613.1 \$ 837.3 Non-GAAP diluted share count 413.1 412.3 420.0 412.8 428.1 Non-GAAP diluted earnings per share \$ 0.30 \$ 0.33 \$ 0.53 \$ 1.49 \$ 1.96 Reconciliation of net cash provided by operating activities to free cash flow: Net cash provided by operating activities Net cash provided by operating activities \$ 91.7 \$ 242.2 \$ 421.0 \$ 694.7 \$ 1,274.2 Special items: a) Purchase of property, plant and equipment (112.4) (111.7) (132.0) (534.6) (514.8) Total special items (112.4) (111.7) (132.0) (534.6) (514.8)	-,				1.9						_	
Non-GAAP diluted earnings per share: Non-GAAP net income attributable to ON Semiconductor Corporation \$ 124.3 \$ 136.8 \$ 222.0 \$ 613.1 \$ 837.3 Non-GAAP diluted share count 413.1 412.3 420.0 412.8 428.1 Non-GAAP diluted earnings per share \$ 0.30 \$ 0.33 \$ 0.53 \$ 1.49 \$ 1.96 Reconciliation of net cash provided by operating activities to free cash flow: Net cash provided by operating activities \$ 91.7 \$ 242.2 \$ 421.0 \$ 694.7 \$ 1,274.2 Special items: a) Purchase of property, plant and equipment (112.4) (111.7) (132.0) (534.6) (514.8) Total special items (112.4) (111.7) (132.0) (534.6) (514.8)	Total special items		(5.1)		1.9		_		(3.2)		(7.8)	
Non-GAAP net income attributable to ON Semiconductor Corporation \$ 124.3 \$ 136.8 \$ 222.0 \$ 613.1 \$ 837.3 Non-GAAP diluted share count 413.1 412.3 420.0 412.8 428.1 Non-GAAP diluted earnings per share \$ 0.30 0.33 0.53 1.49 1.96 Reconciliation of net cash provided by operating activities to free cash flow: Net cash provided by operating activities \$ 91.7 242.2 421.0 694.7 1,274.2 Special items: a) Purchase of property, plant and equipment (112.4) (111.7) (132.0) (534.6) (514.8) Total special items (112.4) (111.7) (132.0) (534.6) (514.8)	Non-GAAP diluted share count		413.1		412.3		420.0		412.8		428.1	
Semiconductor Corporation \$ 124.3 \$ 136.8 \$ 222.0 \$ 613.1 \$ 837.3 Non-GAAP diluted share count 413.1 412.3 420.0 412.8 428.1 Non-GAAP diluted earnings per share \$ 0.30 \$ 0.33 \$ 0.53 \$ 1.49 \$ 1.96 Reconciliation of net cash provided by operating activities to free cash flow: Net cash provided by operating activities \$ 91.7 \$ 242.2 \$ 421.0 \$ 694.7 \$ 1,274.2 Special items: a) Purchase of property, plant and equipment (112.4) (111.7) (132.0) (534.6) (514.8) Total special items (112.4) (111.7) (132.0) (534.6) (514.8)	Non-GAAP diluted earnings per share:											
Non-GAAP diluted earnings per share \$ 0.30 \$ 0.33 \$ 0.53 \$ 1.49 \$ 1.96 Reconciliation of net cash provided by operating activities to free cash flow: Net cash provided by operating activities \$ 91.7 \$ 242.2 \$ 421.0 \$ 694.7 \$ 1,274.2 Special items: a) Purchase of property, plant and equipment (112.4) (111.7) (132.0) (534.6) (514.8) Total special items (112.4) (111.7) (132.0) (534.6) (514.8)		\$	124.3	\$	136.8	\$	222.0	\$	613.1	\$	837.3	
Reconciliation of net cash provided by operating activities to free cash flow: Net cash provided by operating activities \$ 91.7 \$ 242.2 \$ 421.0 \$ 694.7 \$ 1,274.2 \$ Special items: a) Purchase of property, plant and equipment (112.4) (111.7) (132.0) (534.6) (514.8) Total special items (112.4) (111.7) (132.0) (534.6)	Non-GAAP diluted share count		413.1		412.3		420.0		412.8		428.1	
activities to free cash flow: Net cash provided by operating activities \$ 91.7 \$ 242.2 \$ 421.0 \$ 694.7 \$ 1,274.2 Special items: a) Purchase of property, plant and equipment (112.4) (111.7) (132.0) (534.6) (514.8) Total special items (112.4) (111.7) (132.0) (534.6) (514.8)	Non-GAAP diluted earnings per share	\$	0.30	\$	0.33	\$	0.53	\$	1.49	\$	1.96	
Special items: a) Purchase of property, plant and equipment (112.4) (111.7) (132.0) (534.6) (514.8) Total special items (112.4) (111.7) (132.0) (534.6) (514.8)												
a) Purchase of property, plant and equipment (112.4) (111.7) (132.0) (534.6) (514.8) Total special items (112.4) (111.7) (132.0) (534.6) (514.8)	Net cash provided by operating activities	\$	91.7	\$	242.2	\$	421.0	\$	694.7	\$	1,274.2	
Total special items (112.4) (111.7) (132.0) (534.6) (514.8)	Special items:											
	a) Purchase of property, plant and equipment		(112.4)		(111.7)		(132.0)		(534.6)		(514.8)	
Free cash flow \$ (20.7) \$ 130.5 \$ 289.0 \$ 160.1 \$ 759.4	Total special items		(112.4)		(111.7)		(132.0)		(534.6)		(514.8)	
	Free cash flow	\$	(20.7)	\$	130.5	\$	289.0	\$	160.1	\$	759.4	

Certain of the amounts in the above tables may not total due to rounding of individual amounts.

Total share-based compensation expense related to the Company's stock options, restricted stock units, stock grant awards, and employee stock purchase plan is included below.

	Quarter Ended						Year Ended			
	December 31, 2019		September 27, 2019		December 31, 2018		December 31, 2019		December 31, 2018	
Cost of revenue	\$ 2.9	\$	2.3	\$	1.9	\$	10.6	\$	7.0	
Research and development	4.6		3.4		3.7		17.0		14.3	
Selling and marketing	3.7		2.7		3.6		14.8		14.1	
General and administrative	6.5		6.3		9.7		37.0		42.9	
Total share-based compensation expense	\$ 17.7	\$	14.7	\$	18.9	\$	79.4	\$	78.3	

NON-GAAP MEASURES

To supplement the consolidated financial results prepared in accordance with GAAP, ON Semiconductor uses certain non-GAAP measures, which are adjusted from the most directly comparable GAAP measures to exclude items related to the amortization of intangible assets, amortization of acquisition-related intangibles, expensing of appraised inventory fair market value step-up, inventory valuation adjustments, purchased in-process research and development expenses, restructuring, asset impairments and other, net, goodwill impairment charges, gains and losses on debt prepayment, non-cash interest expense, actuarial (gains) losses on pension plans and other pension benefits, third party acquisition and divestiture related costs, tax impact of these items, and certain other non-recurring items, as necessary. Management does not consider the effects of these items in evaluating the core operational activities of ON Semiconductor. Management uses these non-GAAP measures internally to make strategic decisions, forecast future results, and evaluate ON Semiconductor's current performance. In addition, we believe that most analysts covering ON Semiconductor use the non-GAAP measures to evaluate ON Semiconductor's performance. Given management's and other relevant use of these non-GAAP measures, ON Semiconductor believes these measures are important to investors in understanding ON Semiconductor's current and future operating results as seen through the eyes of management. In addition, management believes these non-GAAP measures are useful to investors in enabling them to better assess changes in ON Semiconductor's core business across different time periods. These non-GAAP measures are not prepared in accordance with, and should not be considered alternatives or necessarily superior to, GAAP financial data and may be different from non-GAAP measures used by other companies. Because non-GAAP financial measures are not standardized, it may not be possible to compare these financial measures with other companies' non-GAAP financial measures, even if they have similar names.

Adjusted EBITDA

Adjusted EBITDA is a non-GAAP financial measure that represents net income before interest expense, interest income, provision for income taxes, depreciation, and amortization expense and special items. We use the adjusted EBITDA measure for internal managerial evaluation purposes, as a means to evaluate period-to-period comparisons and as a performance metric for the vesting and release of certain of our performance-based equity awards. SEC Regulation G and other federal securities laws regulate the use of financial measures that are not prepared in accordance with GAAP. We believe this measure provides important supplemental information to investors. However, we do not, and you should not, rely on non-GAAP financial measures alone as measures of our performance.

Non-GAAP Gross Profit and Gross Margin

The use of non-GAAP gross profit and gross margin allows management to evaluate, among other things, the gross margin and gross profit of the Company's core businesses and trends across different reporting periods on a consistent basis, independent of non-cash items including, generally speaking, expensing of appraised inventory fair market value step-up and the impact from the change in revenue recognition on distributor sales. In addition, it is an important component of management's internal performance measurement and incentive and reward process as it is used to assess the current and historical financial results of the business and for strategic decision making, preparing budgets, obtaining targets, and forecasting future results. Management presents this non-GAAP financial measure to enable investors and analysts to evaluate our revenue generation performance relative to the direct costs of revenue of ON Semiconductor's core businesses.

Non-GAAP Operating Income and Operating Margin

The use of non-GAAP operating income and operating margin allows management to evaluate, among other things, the operating margin and operating income of the Company's core businesses and trends across different reporting periods on a consistent basis, independent of non-cash items including, generally speaking, expensing of appraised inventory fair market value step-up, the impact from the change in revenue recognition on distributor sales, amortization and impairments of intangible assets, third party acquisition and divestiture related costs, restructuring charges, and certain other special items as necessary. In addition, it is an important component of management's internal performance measurement and incentive and reward process as it is used to assess the current and historical financial results of the business and for strategic decision making, preparing budgets, obtaining targets, and forecasting future results. Management presents this non-GAAP financial measure to enable investors and analysts to evaluate our revenue generation performance relative to the direct costs of operations of ON Semiconductor's core businesses.

Non-GAAP Net Income Attributable to ON Semiconductor and Diluted Earnings Per Share

The use of non-GAAP net income attributable to ON Semiconductor and diluted earnings per share allows management to evaluate the operating results of ON Semiconductor's core businesses and trends across different reporting periods on a consistent basis, independent of non-cash items including, generally, the amortization and impairments of intangible assets, expensing of appraised inventory fair market value step-up, the impact from the change in revenue recognition on distributor

NON-GAAP MEASURES (Continued)

sales, restructuring, gains and losses on debt prepayment, non-cash interest expense, actuarial (gains) losses on pension plans and other pension benefits, third party acquisition and divestiture related costs, tax impact of these items and other non-GAAP adjustments, and certain other special items, as necessary. In addition, these items are important components of management's internal performance measurement and incentive and reward process, as they are used to assess the current and historical financial results of the business and for strategic decision making, preparing budgets, setting targets, and forecasting future results. Management presents these non-GAAP financial measures to enable investors and analysts to understand the results of operations of ON Semiconductor's core businesses and, to the extent comparable, to compare our results of operations on a more consistent basis against that of other companies in our industry.

Free Cash Flow

The use of free cash flow allows management to evaluate, among other things, the ability of the Company to make interest or principal payments on its debt. Free cash flow is defined as the difference between cash flow from operating activities and capital expenditures disclosed under investing activities in the consolidated statement of cash flows. Free cash flow is not an alternate to cash flow from operating activities as a measure of liquidity. It is an important component of management's internal performance measurement and incentive and reward process as it is used to assess the current and historical financial results of the business and for strategic decision making, preparing budgets, obtaining targets, and forecasting future results. Management presents this non-GAAP financial measure to enable investors and analysts to evaluate our revenue generation performance relative to the direct costs of operations of ON Semiconductor's core businesses.

Diluted Share Count

In periods when the quarterly average stock price per share exceeds \$18.50, the non-GAAP diluted share count includes the anti-dilutive impact of the Company's hedge transactions issued concurrently with the 1.00% convertible notes. As such, at an average stock price per share between \$18.50 and \$25.96, the hedging activity offsets the potentially dilutive effect of the 1.00% convertible notes.

In periods when the quarterly average stock price per share exceeds \$20.72, the non-GAAP diluted share count includes the anti-dilutive impact of the Company's hedge transactions issued concurrently with the 1.625% convertible notes. As such, at an average stock price per share between \$20.72 and \$30.70, the hedging activity offsets the potentially dilutive effect of the 1.625% convertible notes. Management presents this non-GAAP financial measure to enable investors and analysts to compare our results of operations on a more consistent basis against that of other companies in our industry.