Synopsys Posts Financial Results for Third Quarter Fiscal Year 2020

Q3 2020 Financial Highlights

-- Revenue: \$964.1 million

-- GAAP earnings per share: \$1.62

-- Non-GAAP earnings per share: \$1.74

MOUNTAIN VIEW, Calif., Aug. 19, 2020 /PRNewswire/ -- Synopsys, Inc. (Nasdaq: SNPS) today reported results for its third quarter fiscal year 2020. Revenue for the third quarter was \$964.1 million, compared to \$853.0 million for the third quarter of fiscal 2019.

"Synopsys again executed very well in the third quarter, delivering record revenue, non-GAAP earnings per share and operating cash flow. We saw double-digit revenue growth across all product groups and strength in all geographies. Our intense, multi-year innovation push is driving increased momentum in product successes and production adoptions," said Aart de Geus, chairman and co-CEO of Synopsys. "Even as the world navigates through the pandemic and economic challenges, global design activity and customer engagements are flourishing. Due to our very strong fiscal third quarter, confidence in our outlook and resilient business model, we are raising 2020 revenue, operating margin, non-GAAP earnings-per-share and operating cash flow targets."

GAAP Results

On a generally accepted accounting principles (GAAP) basis, net income for the third quarter of fiscal 2020 was \$252.9 million, or \$1.62 per share, compared to \$99.9 million, or \$0.65 per share, for the third quarter of fiscal 2019.

Non-GAAP Results

On a non-GAAP basis, net income for the third quarter of fiscal 2020 was \$271.9 million, or \$1.74 per share, compared to non-GAAP net income of \$182.5 million, or \$1.18 per share, for the third quarter of fiscal 2019.

For a reconciliation between GAAP and non-GAAP results, see "GAAP to Non-GAAP Reconciliation" and the accompanying tables below.

Business Segments

Synopsys reports revenue and operating income in two segments: (1) Semiconductor & System Design, which includes EDA tools, IP products, system integration solutions and associated services, and (2) Software Integrity, which includes security and quality solutions for software development across many industries. Further information regarding these segments is provided at the end of this press release.

Financial Targets

Synopsys also provided its consolidated financial targets for the fourth quarter and full fiscal year 2020. These financial targets assume that the current U.S. government "Entity List" restrictions remain in place for the rest of the fiscal year. These targets constitute forward-looking statements and are based on current expectations. For a discussion of factors that could cause actual results to differ materially from these targets, see "Forward-Looking Statements" below.

Fourth Quarter and Fiscal Year 2020 Financial Targets

(in millions except per share amounts)

	Q4 FY2020			FY 2020				
		Low		High		Low		High
Revenue	\$	1,000	\$	1,030	\$	3,660	\$	3,690
GAAP Expenses	\$	802	\$	822	\$	3,037	\$	3,057
Non-GAAP Expenses	\$	717	\$	727	\$	2,645	\$	2,655
Other Income (Expense)	\$	(6)	\$	(4)	\$	(4)	\$	(2)
Normalized Annual Tax Rate								
(1)		16%		16%		16%		16%
Outstanding Shares (fully diluted)		154		157		154		157
GAAP EPS								

Non-GAAP EPS	\$ 1.50 \$	1.36	\$	5 .49	\$ 4 .83
Operating Cash Flow			app	roximately	\$ 900

(1) Applied in non-GAAP net income calculations

Earnings Call Open to Investors

Synopsys will hold a conference call for financial analysts and investors today at 2:00 p.m. Pacific Time. A live webcast of the call will be available on Synopsys' corporate website at www.synopsys.com. A recording of the call will be available by calling +1-866-207-1041 (+1-402-970-0847 for international callers), access code 8385903, beginning at 5:00 p.m. Pacific Time today, until 11:59 p.m. Pacific Time on August 26, 2020. A webcast replay will also be available on the website from approximately 5:30 p.m. Pacific Time today through the time Synopsys announces its results for the fourth quarter and fiscal year 2020 in December 2020. Synopsys will post copies of the prepared remarks of Aart de Geus, chairman and co-chief executive officer, and Trac Pham, chief financial officer, on its website following today's call. In addition, Synopsys makes additional information available in a financial supplement and corporate overview presentation, which are also posted on the corporate website.

Effectiveness of Information

The targets included in this press release, the statements made during the earnings conference call and the information contained in the financial supplement and corporate overview presentation (available in the Investor Relations section of Synopsys' corporate website at www.synopsys.com) represent Synopsys' expectations and beliefs as of the date of this release only. Although this press release, copies of the prepared remarks of the cochief executive officer and chief financial officer made during the call, the financial supplement, and the corporate overview presentation will remain available on Synopsys' website through the date of the fourth quarter and fiscal year 2020 earnings call in December 2020, their continued availability through such date does not mean that Synopsys is reaffirming or confirming their continued validity. Synopsys does not currently intend to report on its progress during the fourth quarter of fiscal year 2020 or comment to analysts or investors on, or otherwise update, the targets given in this release.

Availability of Final Financial Statements

Synopsys will include final financial statements for the third quarter of fiscal year 2020 in its quarterly report on Form 10-Q to be filed by September 10, 2020.

About Synopsys

Synopsys, Inc. (Nasdaq: SNPS) is the Silicon to Software™ partner for innovative companies developing the electronic products and software applications we rely on every day. As the world's 15th largest software company, Synopsys has a long history of being a global leader in electronic design automation (EDA) and semiconductor IP and is also growing its leadership in software security and quality solutions. Whether you're a system-on-chip (SoC) designer creating advanced semiconductors, or a software developer writing applications that require the highest security and quality, Synopsys has the solutions needed to deliver innovative, high-quality, secure products. Learn more at www.synopsys.com.

GAAP to Non-GAAP Reconciliation

Synopsys continues to provide all information required in accordance with GAAP but believes evaluating its ongoing operating results may not be as useful if an investor is limited to reviewing only GAAP financial measures. Accordingly, Synopsys presents non-GAAP financial measures in reporting its financial results to provide investors with an additional tool to evaluate Synopsys' operating results in a manner that focuses on what Synopsys believes to be its core business operations and what Synopsys uses to evaluate its business operations and for internal planning and forecasting purposes. Synopsys' management does not itself, nor does it suggest that investors should, consider such non-GAAP financial measures in isolation from, or as a substitute for, financial information prepared in accordance with GAAP. Synopsys' management believes it is useful for itself and investors to review, as applicable, both GAAP information that includes: (i) the amortization of acquired intangible assets, (ii) the impact of stock compensation, (iii) acquisition-related costs, (iv) restructuring charges, (v) the effects of certain settlements, final judgments and loss contingencies related to legal proceedings, and (vi) the income tax effect of non-GAAP pre-tax adjustments; and the non-GAAP measures that exclude such information in order to assess the performance of Synopsys' business and for planning and forecasting in subsequent periods.

Synopsys utilizes a normalized annual non-GAAP tax rate in the calculation of its non-GAAP measures to provide better consistency across interim reporting periods by eliminating the effects of non-recurring and period-specific items such as tax audit settlements, which can vary in size and frequency and not necessarily reflect our normal operations, and to more clearly align our tax rate with our expected geographic earnings mix. In projecting this

rate, we evaluate our historical and projected mix of U.S. and international profit before tax, excluding the non-GAAP adjustments described above. We also consider other factors including our current tax structure, our existing tax positions, and expected recurring tax incentives, such as the U.S. federal research and development tax credit. On an annual basis, we re-evaluate this rate for significant events that may materially affect our projections. Based upon our review, our projected normalized annual non-GAAP tax rate remains 16% through fiscal year 2021. We will re-evaluate this rate on an annual basis, but further regulatory guidance regarding specific parts of recent U.S. Tax reform legislation could materially change our projections.

Whenever Synopsys uses a non-GAAP financial measure, it provides a reconciliation of the non-GAAP financial measure to the most closely applicable GAAP financial measure. Investors are encouraged to review the related GAAP financial measures and the reconciliation of these non-GAAP financial measures to their most directly comparable GAAP financial measure as detailed below, as well as Item 2.02 of the Current Report on Form 8-K filed on August 19, 2020 for additional information about the measures Synopsys uses to evaluate its core business operations.

Reconciliation of Third Quarter Fiscal Year 2020 Results

The following tables reconcile the specific items excluded from GAAP in the calculation of non-GAAP net income and earnings per share for the periods indicated below.

GAAP to Non-GAAP Reconciliation of Third Quarter Fiscal Year 2020 Results (unaudited and in thousands, except per share amounts)

	Three Months Ended July 31,					Nine Months Ended July 31,			
		2020		2019		2020		2019	
GAAP net income Adjustments: Amortization of	\$	252,911	\$	99,929	\$	466,892	\$	371,653	
intangible assets Stock		23,649		23,714		70,277		77,138	
compensation Acquisition-related		61,837		39,453		170,155		114,827	
costs Restructuring		3,293		1,796		10,837		3,948	
charges		(1,977)		19,338		36,446		33,746	
Legal matters		-		-		-		(18,000)	
Tax settlement		-		-		-		17,418	
Tax adjustments		(67,767)		(1,772)		(137,714)		(75,275)	
Non-GAAP net									
income	\$	271,946	\$	182,458	\$	616,893	\$	525,455	

	Three Months Ended July 31,					Nine Months Ended July 31,			
		2020		2019		2020		2019	
GAAP diluted net									
income per share	\$	1.62	\$	0.65	\$	3.01	\$	2.42	
Adjustments:									
Amortization of									
intangible assets		0.15		0.15		0.45		0.50	
Stock 		2.42		2.25				0.75	
compensation		0.40		0.25		1.10		0.75	
Acquisition-related		0.02		0.01		0.07		0.03	
costs Restructuring		0.02		0.01		0.07		0.03	
charges		(0.01)		0.13		0.24		0.22	
3		(0.01)		0.15		0.24			
_		_		_		_			
		(0.44)		(0.01)		(0.89)			
		(3111)		(0.01)	-	(0.03)		(31.13)	
income per share	\$	1.74	\$	1.18	\$	3.98	\$	3.42	
Legal matters Tax settlement Tax adjustments Non-GAAP diluted net	\$	(0.44)	\$	(0.01)	\$	(0.89)	\$	(0.12 0.11 (0.49	

155,973

154,600

155,074

153,859

(1) Synopsys' third quarter of fiscal year 2020 and 2019 ended on August 1, 2020 and August 3, 2019, respectively. For presentation purposes, we refer to the closest calendar month end.

Reconciliation of 2020 Targets

The following tables reconcile the specific items excluded from GAAP in the calculation of non-GAAP targets for the periods indicated below.

GAAP to Non-GAAP Reconciliation of Fourth Quarter Fiscal Year 2020 Targets (1) (in thousands, except per share amounts)

	Range for Ti Ending Octo	
	Low	High
Target GAAP expenses	\$ 802,000	\$ 822,000
Adjustments:		
Estimated impact of amortization of intangible assets	(20,000)	(25,000)
Estimated impact of stock compensation	(65,000)	(70,000)
Target non-GAAP expenses	\$ 717,000	\$ 727,000

	 Range for T Ending Octo	
	Low	High
Target GAAP earnings per share Adjustments:	\$ 1.10	\$ 1.21
Estimated impact of amortization of intangible assets	0.16	0.13
Estimated impact of stock compensation	0.45	0.42
Estimated impact of tax adjustments	(0.20)	(0.20)
Target non-GAAP earnings per share	\$ 1.51	\$ 1.56
Shares used in non-GAAP calculation (midpoint of target range)	155,500	155,500

GAAP to Non-GAAP Reconciliation of Full Fiscal Year 2020 Targets (1) (in thousands, except per share amounts)

	October 31, 2020			
		Low		High
Target GAAP expenses	\$	3,037,449	\$	3,057,449
Adjustments:				
Estimated impact of amortization of intangible assets		(90,000)		(95,000)
Estimated impact of stock compensation		(235,000)		(240,000)
Acquisition-related costs		(10,837)		(10,837)
Estimated impact of restructuring charges		(36,446)		(36,446)
Fair value changes in executive deferred compensation plan		(20,166)		(20,166)
Target non-GAAP expenses	\$	2,645,000	\$	2,655,000

Range for F October 3	
Low	High

Range for Fiscal Year

Target GAAP earnings per share Adjustments:	\$ 4.10	\$ 4.21
Estimated impact of amortization of intangible assets	0.61	0.58
Estimated impact of stock compensation	1.55	1.52
Acquisition-related costs	0.07	0.07
Estimated impact of restructuring charges	0.24	0.24
Impact of tax adjustments	(1.09)	(1.09)
Target non-GAAP earnings per share	\$ 5.48	\$ 5.53
Shares used in non-GAAP calculation (midpoint of target range)	155,500	155,500

(1) Synopsys' fourth fiscal quarter and fiscal year will end on October 31, 2020.

Forward-Looking Statements

This press release contains forward-looking statements including, but not limited to, statements regarding Synopsys' short-term and long-term financial targets, expectations and objectives; business outlook, opportunities and strategies; customer demand and market expansion; strategies related to our products and technology; our planned product releases and capabilities; industry growth rates; software trends; planned acquisitions and buybacks; our expected tax rate; the expected impact of U.S. and foreign government action on our results; and the expected impact of the COVID-19 pandemic. These statements involve risks, uncertainties and other factors that could cause our actual results, time frames or achievements to differ materially from those expressed or implied in our forward-looking statements. Such risks, uncertainties and factors include, but are not limited to: risks from the effect of the COVID-19 pandemic and the associated economic downturn on our business, operations and financial condition; uncertainty in the growth of the semiconductor and electronics industries; consolidation among our customers and our dependence on a relatively small number of large customers; risks and compliance obligations relating to the global nature of our operations as well as actions by the U.S. or foreign governments, such as measures in response to the COVID-19 pandemic or the imposition of additional tariffs or export restrictions; macroeconomic conditions and uncertainty in the global economy; fluctuation of our operating results; increased variability in our revenue due to the adoption of ASC 606, including the resulting increase in recognizing upfront revenue as a percentage of total revenue; and more. Additional information on potential risks, uncertainties and other factors that could affect Synopsys' results is included in filings it makes with the Securities and Exchange Commission from time to time, including in the sections entitled "Risk Factors" in its Annual Report on Form 10-K for the fiscal year ended October 31, 2019 and its latest Quarterly Report on Form 10-Q. The information provided herein is as of August 19, 2020. Synopsys undertakes no duty, and does not intend to update any forward-looking statement, whether as a result of new information, future events or otherwise, unless required by law.

INVESTOR CONTACT:

Lisa L. Ewbank Synopsys, Inc. 650-584-1901 Synopsys-ir@synopsys.com

EDITORIAL CONTACT:

Simone Souza Synopsys, Inc. 650-584-6454 simone@synopsys.com

SYNOPSYS, INC. Unaudited Consolidated Statements of Operations (in thousands, except per share amounts)

	 Three Months Ended July 31,				Nine Months Ended July 31,			
	 2020		2019		2020		2019	
Revenue: Time-based products Upfront products Maintenance and	\$ 612,065 210,931	\$	537,569 177,552	\$	1,758,601 491,417	\$	1,649,590 451,466	

Total revenue 964,134 852,970 2,659,842 2,509,613 Cost of revenue: Products 118,478 113,533 344,469 346,163 Maintenance and service 60,812 59,496 184,940 178,113 Amortization of intangible assets 13,718 13,603 40,732 45,927 Total cost of revenue 193,008 186,632 570,141 570,203 Gross margin 771,126 666,338 2,089,701 1,939,410	service	141,138	137,849	409,824	408,557
Products 118,478 113,533 344,469 346,163 Maintenance and service 60,812 59,496 184,940 178,113 Amortization of intangible assets 13,718 13,603 40,732 45,927 Total cost of revenue 193,008 186,632 570,141 570,203 Gross margin 771,126 666,338 2,089,701 1,939,410		964,134	852,970	2,659,842	2,509,613
Maintenance and service Service 60,812 59,496 184,940 178,113 Amortization of intangible assets 13,718 13,603 40,732 45,927 Total cost of revenue 193,008 186,632 570,141 570,203 Gross margin 771,126 666,338 2,089,701 1,939,410					
service 60,812 59,496 184,940 178,113 Amortization of intangible assets 13,718 13,603 40,732 45,927 Total cost of revenue 193,008 186,632 570,141 570,203 Gross margin 771,126 666,338 2,089,701 1,939,410		118,478	113,533	344,469	346,163
Amortization of intangible assets 13,718 13,603 40,732 45,927 Total cost of revenue 193,008 186,632 570,141 570,203 Gross margin 771,126 666,338 2,089,701 1,939,410					
intangible assets 13,718 13,603 40,732 45,927 Total cost of revenue 193,008 186,632 570,141 570,203 Gross margin 771,126 666,338 2,089,701 1,939,410		60,812	59,496	184,940	178,113
Total cost of revenue 193,008 186,632 570,141 570,203 Gross margin 771,126 666,338 2,089,701 1,939,410					
revenue 193,008 186,632 570,141 570,203 Gross margin 771,126 666,338 2,089,701 1,939,410		13,718	13,603	40,732	45,927
Gross margin 771,126 666,338 2,089,701 1,939,410		102.000	106.633	570 141	570 202
O 1'	9	//1,126	666,338	2,089,701	1,939,410
Operating expenses:					
Research and		222.602	204.004	020 456	0.4.64.2.0
development 322,602 284,804 939,456 846,429 Sales and marketing 156,456 157,109 455,511 471,720					
Sales and marketing 156,456 157,109 455,511 471,720 General and		150,450	157,109	455,511	4/1,/20
administrative 73,516 67,382 204,734 165,794		72 516	67 202	204 724	165 704
Amortization of		73,310	07,382	204,734	105,794
intangible assets 9,931 10,111 29,545 31,211		0 031	10 111	29 545	31 211
Restructuring		3,331	10,111	23,343	51,211
charges (1,977) 19,338 36,446 33,746		(1.977)	19 338	36.446	33.746
Total operating		(2/37.7)			
expenses 560,528 538,744 1,665,692 1,548,900		560.528	538.744	1.665.692	1.548.900
Operating income 210,598 127,594 424,009 390,510					
Other income				:,:::	
(expense), net 26,256 5,317 22,584 23,373		26,256	5,317	22,584	23,373
Income before		· · · · · · · · · · · · · · · · · · ·			
income taxes 236,854 132,911 446,593 413,883	income taxes	236,854	132,911	446,593	413,883
Provision (benefit) for	Provision (benefit) for				
income taxes(16,057)32,982(20,299) 42,230	income taxes	(16,057)			
Net income \$ 252,911 \$ 99,929 \$ 466,892 \$ 371,653	Net income	\$ 252,911	\$ 99,929	\$ 466,892	\$ 371,653
Net income per	Net income per				
share:					
Basic \$ 1.67 \$ 0.67 \$ 3.10 \$ 2.48 Diluted \$ 1.62 \$ 0.65 \$ 3.01 \$ 2.42		\$ 1.67	•		·
Diluted \$ 1.62 \$ 0.65 \$ 3.01 \$ 2.42	Diluted	\$ 1.62	\$ 0.65	\$ 3.01	\$ 2.42
Shares used in	Shares used in				
computing per share					
amounts:					
Basic 151,352 150,123 150,731 149,708	Basic				
Diluted 155,973 154,600 155,074 153,859	Diluted	155,973	154,600	155,074	153,859

⁽¹⁾ Synopsys' third quarter of fiscal year 2020 and 2019 ended on August 1, 2020 and August 3, 2019, respectively. For presentation purposes, we refer to the closest calendar month end.

SYNOPSYS, INC. Unaudited Consolidated Balance Sheets ⁽¹⁾

(in thousands, except par value amounts)

	Jul	y 31, 2020	October 31, 2019		
ASSETS:				_	
Current assets:					
Cash and cash equivalents	\$	1,049,922	\$	728,597	
Accounts receivable, net		638,489		553,895	
Inventories, net		159,813		141,518	
Income taxes receivable and prepaid taxes		20,960		24,855	
Prepaid and other current assets		316,831		290,052	
Total current assets		2,186,015		1,738,917	
Property and equipment, net		484,529		429,532	
Operating lease right-of-use assets, net		472,244		=	
Goodwill		3,356,407		3,171,179	

Intangible assets, net	275,338	279,374
Long-term prepaid taxes	8,279	15,503
Deferred income taxes	463,894	390,129
Other long-term assets	416,544	380,526
Total assets	\$ 7,663,250	\$ 6,405,160
LIABILITIES AND STOCKHOLDERS' EQUITY:		
Current liabilities:		
Accounts payable and accrued liabilities	\$ 549,906	\$ 506,459
Operating lease liabilities, current	71,861	-
Accrued income taxes	20,653	15,904
Deferred revenue	1,389,609	1,212,476
Short-term debt	 24,248	 17,614
Total current liabilities	 2,056,277	 1,752,453
Operating lease liabilities, non-current	470,215	-
Long-term accrued income taxes	27,011	29,911
Long-term deferred revenue	111,915	90,102
Long-term debt	107,104	120,093
Other long-term liabilities	289,411	323,725
Total liabilities	 3,061,933	 2,316,284
Stockholders' equity:		
Preferred stock, \$0.01 par value: 2,000 shares		
authorized; none outstanding	-	-
Common stock, \$0.01 par value: 400,000 shares		
authorized; 151,758 and 150,331 shares outstanding,		
respectively	1,519	1,503
Capital in excess of par value	1,623,586	1,635,455
Retained earnings	3,597,944	3,164,144
Treasury stock, at cost: 5,503 and 6,930 shares,		
respectively	(554,304)	(625,642)
Accumulated other comprehensive income (loss)	(72,820)	(92,447)
Total Synopsys stockholders' equity	 4,595,925	 4,083,013
Non-controlling interest	5,392	5,863
Total stockholders' equity	4,601,317	4,088,876
Total liabilities and stockholders' equity	\$ 7,663,250	\$ 6,405,160

(1) Synopsys' third quarter of fiscal year 2020 ended on August 1, 2020, and its fiscal year 2019 ended on November 2, 2019. For presentation purposes, we refer to the closest calendar month end.

SYNOPSYS, INC. Unaudited Consolidated Statements of Cash Flows (1) (in thousands)

	Nine Months Ended July 31,			
		2020	2019	
CASH FLOWS FROM OPERATING ACTIVITIES:				
Net income	\$	466,892	\$	371,653
Adjustments to reconcile net income to net cash provided by				
operating activities:				
Amortization and depreciation		159,156		152,133
Reduction of operating lease right-of-use assets		62,585		-
Amortization of capitalized costs to obtain revenue contracts		44,851		46,230
Stock compensation		170,155		114,826
Allowance for doubtful accounts		14,875		8,950
(Gain) loss on sale of property and investments		(1,994)		(4,052)
Deferred income taxes		(74,374)		(9,664)
Net changes in operating assets and liabilities, net of				
acquired assets and liabilities:				
Accounts receivable		(89,667)		89,370
Inventories		(17,040)		(39,431)
Prepaid and other current assets		(21,350)		(38,224)

Deferred revenue 160,966 53,980 Net cash provided by operating activities 789,162 579,264 CASH FLOWS FROM INVESTING ACTIVITIES: Proceeds from sales of long-term investments 2,151 6,361 Purchases of long-term investments (2,762) - Purchases of property and equipment (120,234) (122,358) Cash paid for acquisitions and intangible assets, net of cash acquired (201,045) - Capitalization of software development costs (3,035) (2,245) Net cash used in investing activities (324,925) (118,242) CASH FLOWS FROM FINANCING ACTIVITIES: 276,490 192,897 Repayment of debt (284,218) (520,312) Issuances of common stock 123,237 107,354 Payments for taxes related to net share settlement of equity awards (66,985) (52,309) Purchase of equity forward contract - (20,000) Purchases of treasury stock (200,000) (209,185) Other - (762) Net cash used in financing activities (151,476) (502,317) <td< th=""><th>Other long-term assets Accounts payable and accrued liabilities Operating lease liabilities Income taxes Deferred revenue</th><th>(77,895) 43,842 (57,968) 6,128</th><th>(114,344) (45,200) - (6,963)</th></td<>	Other long-term assets Accounts payable and accrued liabilities Operating lease liabilities Income taxes Deferred revenue	(77,895) 43,842 (57,968) 6,128	(114,344) (45,200) - (6,963)
CASH FLOWS FROM INVESTING ACTIVITIES: Proceeds from sales of long-term investments Purchases of long-term investments Purchases of property and equipment Cash paid for acquisitions and intangible assets, net of cash acquired Capitalization of software development costs Net cash used in investing activities CASH FLOWS FROM FINANCING ACTIVITIES: Proceeds from credit facilities Pr			
Proceeds from sales of long-term investments Purchases of long-term investments Purchases of long-term investments Purchases of property and equipment Cash paid for acquisitions and intangible assets, net of cash acquired Capitalization of software development costs Net cash used in investing activities CASH FLOWS FROM FINANCING ACTIVITIES: Proceeds from credit facilities Proceeds from credit facilities Proceeds from credit facilities Proceeds from credit facilities Repayment of debt Issuances of common stock Payments for taxes related to net share settlement of equity awards Purchase of equity forward contract Purchases of treasury stock Other Net cash used in financing activities Effect of exchange rate changes on cash, cash equivalents and restricted cash Restricted cash 12,151 (2,762) (120,023) (120,023) (120,045) (201,045) (201,045) (201,045) (201,045) (202,045) (2			·
Purchases of long-term investments Purchases of property and equipment Cash paid for acquisitions and intangible assets, net of cash acquired Capitalization of software development costs Net cash used in investing activities CASH FLOWS FROM FINANCING ACTIVITIES: Proceeds from credit facilities From the f			
Purchases of property and equipment Cash paid for acquisitions and intangible assets, net of cash acquired Capitalization of software development costs Net cash used in investing activities CASH FLOWS FROM FINANCING ACTIVITIES: Proceeds from credit facilities Proceeds from credit facilities Repayment of debt Issuances of common stock Payments for taxes related to net share settlement of equity awards Purchase of equity forward contract Purchases of treasury stock Other Net cash used in financing activities Effect of exchange rate changes on cash, cash equivalents and restricted cash (201,045) (201,045) (201,045) (202,245) (202,45) (204,925) (118,242) (227,45) (227,45) (227,45) (227,45) (227,45) (227,45) (227,45) (227,45) (227,45) (227,45) (227,45) (227,45) (227,45) (227,45) (227,45) (227,45) (227,45) (227,45) (227,46) (227,4			6,361
Cash paid for acquisitions and intangible assets, net of cash acquired Capitalization of software development costs Net cash used in investing activities CASH FLOWS FROM FINANCING ACTIVITIES: Proceeds from credit facilities Proceeds from credit facilities Repayment of debt Susuances of common stock Payments for taxes related to net share settlement of equity awards Purchase of equity forward contract Purchases of treasury stock Other Net cash used in financing activities Effect of exchange rate changes on cash, cash equivalents and restricted cash Cash (201,045) (3,035) (3,035) (2,245) (118,242) 276,490 192,897 (284,218) (520,312) 192,897 (66,985) (52,309) (66,985) (52,309) (200,000) (209,185) (502,317) (502,317)		(2,762)	-
acquired (201,045) Capitalization of software development costs (3,035) (2,245) Net cash used in investing activities (324,925) (118,242) CASH FLOWS FROM FINANCING ACTIVITIES: Proceeds from credit facilities 276,490 192,897 Repayment of debt (284,218) (520,312) Issuances of common stock 123,237 107,354 Payments for taxes related to net share settlement of equity awards (66,985) (52,309) Purchase of equity forward contract - (20,000) Purchases of treasury stock (200,000) (209,185) Other - (762) Net cash used in financing activities (151,476) (502,317) Effect of exchange rate changes on cash, cash equivalents and restricted cash 8,700 4,975	Purchases of property and equipment	(120,234)	(122,358)
Capitalization of software development costs Net cash used in investing activities CASH FLOWS FROM FINANCING ACTIVITIES: Proceeds from credit facilities Repayment of debt Issuances of common stock Payments for taxes related to net share settlement of equity awards Purchase of equity forward contract Purchases of treasury stock Other Net cash used in financing activities Effect of exchange rate changes on cash, cash equivalents and restricted cash (3,035) (2,245) (118,242) (118,242) (118,242) (118,242) (118,242) (118,242) (118,242) (118,242) (118,242) (118,242) (192,897 (192,490) (192,897 (192,418) (192,312) (192,312) (192,312) (192,313) (192,314) (192,314) (192,315) (192,316) (192,317) (192,31	Cash paid for acquisitions and intangible assets, net of cash		
Capitalization of software development costs Net cash used in investing activities CASH FLOWS FROM FINANCING ACTIVITIES: Proceeds from credit facilities Repayment of debt Issuances of common stock Payments for taxes related to net share settlement of equity awards Purchase of equity forward contract Purchases of treasury stock Other Net cash used in financing activities Effect of exchange rate changes on cash, cash equivalents and restricted cash (3,035) (2,245) (118,242) (118,242) (118,242) (118,242) (118,242) (118,242) (118,242) (118,242) (118,242) (118,242) (192,897 (192,490) (192,897 (192,418) (192,312) (192,312) (192,312) (192,313) (192,314) (192,314) (192,315) (192,316) (192,317) (192,31	· · · · · · · · · · · · · · · · · · ·	(201,045)	-
Net cash used in investing activities (324,925) (118,242) CASH FLOWS FROM FINANCING ACTIVITIES: Proceeds from credit facilities 276,490 192,897 Repayment of debt (284,218) (520,312) Issuances of common stock 123,237 107,354 Payments for taxes related to net share settlement of equity awards (66,985) (52,309) Purchase of equity forward contract - (20,000) Purchases of treasury stock (200,000) (209,185) Other - (762) Net cash used in financing activities (151,476) (502,317) Effect of exchange rate changes on cash, cash equivalents and restricted cash 8,700 4,975	Capitalization of software development costs	(3,035)	(2,245)
Proceeds from credit facilities 276,490 192,897 Repayment of debt (284,218) (520,312) Issuances of common stock 123,237 107,354 Payments for taxes related to net share settlement of equity awards (66,985) (52,309) Purchase of equity forward contract - (20,000) Purchases of treasury stock (200,000) (209,185) Other - (762) Net cash used in financing activities (151,476) (502,317) Effect of exchange rate changes on cash, cash equivalents and restricted cash 8,700 4,975			
Proceeds from credit facilities 276,490 192,897 Repayment of debt (284,218) (520,312) Issuances of common stock 123,237 107,354 Payments for taxes related to net share settlement of equity awards (66,985) (52,309) Purchase of equity forward contract - (20,000) Purchases of treasury stock (200,000) (209,185) Other - (762) Net cash used in financing activities (151,476) (502,317) Effect of exchange rate changes on cash, cash equivalents and restricted cash 8,700 4,975	CASH FLOWS FROM FINANCING ACTIVITIES:		
Repayment of debt (284,218) (520,312) Issuances of common stock 123,237 107,354 Payments for taxes related to net share settlement of equity awards (66,985) (52,309) Purchase of equity forward contract - (20,000) Purchases of treasury stock (200,000) (209,185) Other - (762) Net cash used in financing activities (151,476) (502,317) Effect of exchange rate changes on cash, cash equivalents and restricted cash 8,700 4,975		276 490	192 897
Issuances of common stock Payments for taxes related to net share settlement of equity awards Purchase of equity forward contract Purchases of treasury stock Other Net cash used in financing activities Effect of exchange rate changes on cash, cash equivalents and restricted cash 123,237 107,354 (66,985) (52,309) (200,000) (209,185) (200,000) (209,185) (151,476) (502,317)		-	The state of the s
Payments for taxes related to net share settlement of equity awards (66,985) (52,309) Purchase of equity forward contract - (20,000) Purchases of treasury stock (200,000) (209,185) Other - (762) Net cash used in financing activities (151,476) (502,317) Effect of exchange rate changes on cash, cash equivalents and restricted cash 8,700 4,975			
awards (66,985) (52,309) Purchase of equity forward contract - (20,000) Purchases of treasury stock (200,000) (209,185) Other - (762) Net cash used in financing activities (151,476) (502,317) Effect of exchange rate changes on cash, cash equivalents and restricted cash 8,700 4,975		123,237	107,334
Purchase of equity forward contract Purchases of treasury stock Other Net cash used in financing activities Effect of exchange rate changes on cash, cash equivalents and restricted cash Purchase of equity forward contract (20,000) (209,185) (762) (762) (151,476) (502,317) (502,317)		(66.005)	(52.200)
Purchases of treasury stock (200,000) (209,185) Other - (762) Net cash used in financing activities (151,476) (502,317) Effect of exchange rate changes on cash, cash equivalents and restricted cash 8,700 4,975	5. T. S. T. S.	(66,985)	
Other		-	• • •
Net cash used in financing activities (151,476) (502,317) Effect of exchange rate changes on cash, cash equivalents and restricted cash 8,700 4,975		(200,000)	• • •
Effect of exchange rate changes on cash, cash equivalents and restricted cash 8,700 4,975	-		
restricted cash 8,700 4,975	Net cash used in financing activities	(151,476)	(502,317)
	Effect of exchange rate changes on cash, cash equivalents and		
Net change in cash, cash equivalents and restricted cash 321,461 (36,320)	restricted cash	8,700	4,975
	Net change in cash, cash equivalents and restricted cash		(36,320)
Cash, cash equivalents and restricted cash, beginning of year 730,527 725,001			
Cash, cash equivalents and restricted cash, end of period \$ 1,051,988 \$ 688,681			

(1) Synopsys' third quarter of fiscal year 2020 and 2019 ended on August 1, 2020 and August 3, 2019, respectively. For presentation purposes, we refer to the closest calendar month end.

SYNOPSYS, INC. Business Segment Reporting (1) (in millions)

Dovonuo by	 Q3'20	Q3'19		 YTD Q3'20	YTD Q3'19		
Revenue by segment							
- Semiconductor & System							
Design <i>% of Total</i> - Software	\$ 870.7 90.3%	\$	769.4 90.2%	\$ 2,392.5 90.0%	\$	2,260.3 90.1%	
Integrity % of Total Total segment	\$ 93.4 9.7%	\$	83.6 9.8%	\$ 267.3 10.0%	\$	249.3 9.9%	
revenue	\$ 964.1	\$	853.0	\$ 2,659.8	\$	2,509.6	
Adjusted operating income by segment - Semiconductor & System							

Design - Software	\$ 308.7	\$ 207.8	\$ 697.3	\$ 604.5
Integrity Total adjusted segment operating	\$ 14.8	\$ 8.8	\$ 34.6	\$ 22.9
income	\$ 323.6	\$ 216.6	\$ 731.9	\$ 627.4
Adjusted operating margin by segment				
Semiconductor & System				
Design - Software	35.4%	27.0%	29.1%	26.7%
Integrity Total adjusted segment operating	15.8%	10.5%	12.9%	9.2%
margin	33.6%	25.4%	27.5%	25.0%

Total Adjusted Segment Operating Income Reconciliation (1)(2) (in millions)

	Three Months Ended July 31, 2020 ⁽³⁾		Three Months Ended July 31, 2019 ⁽³⁾		E	e Months Ended 1, 2020 ⁽³⁾	Nine Months Ended July 31, 2019 ⁽³⁾	
GAAP total operating income - as reported Other expenses managed at consolidated level -Amortization of intangible assets	\$	210.6	\$	127.6 23.7	\$	424.0 70.3	\$	390.5 77.1
-Stock compensation -Fair value changes in executive deferred		61.8		39.5		170.2		114.8
compensation plan -Acquisition-		26.2		4.7		20.2		25.2
related costs		3.3		1.8		10.8		3.9
Restructuring -Legal		(2.0)		19.3		36.4		33.7
matters Total adjusted segment operating						-		(18.0)
income	\$	323.6	\$	216.6	\$	731.9	\$	627.4

- (1) Synopsys manages the business on a long-term, annual basis, and considers quarterly fluctuations of revenue and profitability as normal elements of our business. Quarterly variability, which increases as a result of ASC 606, should be expected. Amounts may not foot due to rounding.
- (2) These segment results are consistent with the information required by ASC 280, Segment Reporting. They are presented to reflect the information that is considered by Synopsys' chief operating decision makers (CODMs) to evaluate the operating performance of its segments. The CODMs do not allocate certain operating expenses managed at a consolidated level to our reportable segments, and as a result, the reported operating income and operating margin do not include these unallocated expenses as shown in the table above. Amounts may not foot due to rounding.
- (3) Synopsys' third quarter of fiscal year 2020 and 2019 ended on August 1, 2020 and August 3, 2019, respectively. For presentation purposes, we refer to the closest calendar month end.

SOURCE Synopsys, Inc.