UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

FORM 8-K

CURRENT REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

DATE OF REPORT (DATE OF EARLIEST EVENT REPORTED): April 21, 2008

TEXAS INSTRUMENTS INCORPORATED

(Exact name of registrant as specified in charter)

DELAWARE (State or other jurisdiction of incorporation) 001-03761 (Commission file number) 75-0289970 (I.R.S. employer identification no.)

12500 TI BOULEVARD P.O. BOX 660199 DALLAS, TEXAS 75266-0199 (Address of principal executive offices)

Registrant's telephone number, including area code: (972) 995-3773

Check the appropriate box below if the Form 8-K is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

□ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

□ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

Dere-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

ITEM 2.02. Results of Operations and Financial Condition

The Registrant's news release dated April 21, 2008, regarding its first quarter 2008 results of operations and financial condition is attached hereto as Exhibit 99 and is incorporated by reference herein.

ITEM 5.02. Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers

Thomas J. Engibous retired as an executive officer and Chairman of the Board of the Registrant effective April 17, 2008. Notice of his retirement was previously given in a Form 8-K filed on January 17, 2008.

ITEM 9.01. Exhibits

Designation of Exhibit in this	
Report	Description of Exhibit
99	Registrant's News Release Dated April 21, 2008 (furnished pursuant to Item 2.02)

"Safe Harbor" Statement under the Private Securities Litigation Reform Act of 1995: This report includes forward-looking statements intended to qualify for the safe harbor from liability established by the Private Securities Litigation Reform Act of 1995. These forward-looking statements generally can be identified by phrases such as TI or its management "believes," "expects," "anticipates," "foresees," "forecasts," "estimates" or other words or phrases of similar import. Similarly, statements in this report that describe the Company's business strategy, outlook, objectives, plans, intentions or goals also are forward-looking statements. All such forward-looking statements are subject to certain risks and uncertainties that could cause actual results to differ materially from those in forward-looking statements.

We urge you to carefully consider the following important factors that could cause actual results to differ materially from the expectations of TI or its management:

- Market demand for semiconductors, particularly for analog chips and digital signal processors in key markets such as communications, entertainment electronics and computing;
- TI's ability to maintain or improve profit margins, including its ability to utilize its manufacturing facilities at sufficient levels to cover its fixed operating costs, in an intensely competitive and cyclical industry;
- TI's ability to develop, manufacture and market innovative products in a rapidly changing technological environment;
- TI's ability to compete in products and prices in an intensely competitive industry;
- TI's ability to maintain and enforce a strong intellectual property portfolio and obtain needed licenses from third parties;
- Expiration of license agreements between TI and its patent licensees, and market conditions reducing royalty payments to TI;
- Economic, social and political conditions in the countries in which TI, its customers or its suppliers operate, including security risks, health conditions, possible disruptions in transportation networks and fluctuations in foreign currency exchange rates;
- Natural events such as severe weather and earthquakes in the locations in which TI, its customers or its suppliers operate;
- · Availability and cost of raw materials, utilities, manufacturing equipment, third-party manufacturing services and manufacturing technology;
- Changes in the tax rate applicable to TI as the result of changes in tax law, the jurisdictions in which profits are determined to be earned and taxed, the outcome of tax audits and the ability to realize deferred tax assets;
- · Losses or curtailments of purchases from key customers and the timing and amount of distributor and other customer inventory adjustments;
- · Customer demand that differs from our forecasts;
- The financial impact of inadequate or excess TI inventory that results from demand that differs from projections;
- TI's ability to access its bank accounts and lines of credit or otherwise access the capital markets;
- · Product liability or warranty claims, claims based on epidemic or delivery failure or recalls by TI customers for a product containing a TI part;
- TI's ability to recruit and retain skilled personnel; and
- Timely implementation of new manufacturing technologies, installation of manufacturing equipment and the ability to obtain needed third-party foundry and assembly/test subcontract services.

For a more detailed discussion of these factors, see the text under the heading "Risk Factors" in Item 1A of the Company's most recent Form 10-K. The forward-looking statements included in this report on Form 8-K are made only as of the date of this report, and the Company undertakes no obligation to update the forward-looking statements to reflect subsequent events or circumstances.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

By:

TEXAS INSTRUMENTS INCORPORATED

Date: April 21, 2008

/s/ Kevin P. March Kevin P. March Senior Vice President and Chief Financial Officer

TI reports financial results for 1Q08

• Revenue is \$3.27 billion

• EPS is \$0.49, including discrete tax items of \$0.06

· High-performance analog revenue up 20 percent from year ago

Conference call on TI web site at 4:30 p.m. Central time today www.ti.com

Except as noted, financial results are for continuing operations. The sale of TI's former Sensors & Controls business was completed on April 27, 2006, and that business is reported as a discontinued operation.

DALLAS (April 21, 2008) – Financial results from Texas Instruments Incorporated (TI) (NYSE:TXN) for the first quarter reflect the company's strengthening position in the market for analog semiconductors.

TI revenue was up 3 percent from the year-ago quarter, led by 20 percent growth in high-performance analog semiconductors. TI's operating profit grew 19 percent. "Analog is making us stronger and will be a great growth opportunity for a very long time. Analog goes into almost every piece of electronic equipment that is made, and at TI we have the technology and the manufacturing power to serve much more of this market than we are addressing today. There also are clear benefits to our operating profit, which has grown faster than revenue, and to our cash flow, which we can return to shareholders or reinvest in growth," said Rich Templeton, TI's chairman, president and CEO.

Compared with the fourth quarter, TI revenue declined 8 percent primarily due to weaker sales into cell phones, especially high-end cell phones. "Given uncertainty in the near-term economy, we have become more conservative with our outlook for the second quarter. More strategically, we believe our long-term opportunity is excellent. We're continuing to do the things needed to be the better choice for our customers, such as adding sales and applications engineers, investing in new products, and increasing assembly/test capability," Templeton said.

"In addition to traditional markets in communications and entertainment, analog semiconductors and digital signal processors are at the heart of solving some of the world's most challenging problems in healthcare, energy and security. We've achieved early positions in each of these, all of which are just beginning to leverage semiconductor technology," Templeton said.

TI financial results

- · Revenue was \$3.27 billion, up \$81 million, or 3 percent, from a year ago. Compared with the prior quarter, revenue decreased \$284 million, or 8 percent.
- · Gross profit was \$1.76 billion, or 53.7 percent of revenue. This was up \$119 million from a year ago. Gross profit declined \$170 million from the prior quarter.
- Operating expenses were \$514 million for research and development (R&D) and \$435 million for selling, general and administrative (SG&A). R&D expense decreased \$38 million from a year ago as the company continues to benefit from its collaborative work with foundries on advanced digital process technologies. R&D expense was about the same as the prior quarter. SG&A expense increased \$30 million from the year-ago quarter primarily due to higher investments in field sales and customer support, especially for emerging regions. SG&A expense increased \$13 million from the prior quarter.
- Operating profit was \$807 million, or 24.7 percent of revenue. This was an increase of \$127 million from the year-ago quarter. Operating profit decreased \$189 million from the prior quarter.
- Other income was \$33 million. This was down \$6 million from the year-ago quarter and down \$13 million from the prior quarter due to lower interest income.
- Income from continuing operations was \$662 million, including a discrete tax benefit of \$81 million associated with the company's decision to indefinitely reinvest the accumulated earnings of a non-U.S. subsidiary. Income from continuing operations increased \$146 million from the year-ago quarter and declined \$91 million from the prior quarter.
- Earnings per share (EPS) were \$0.49 and included a discrete tax benefit of \$0.06. EPS increased \$0.14 from the year-ago quarter and decreased \$0.05 from the prior quarter.
- · Orders were \$3.32 billion. This was an increase of \$111 million from the year-ago quarter and a decline of \$164 million from the prior quarter.
- · Cash flow from operations was \$641 million, an increase of \$87 million from a year ago and a decrease of \$781 million from the prior quarter.
- Accounts receivable were \$1.67 billion at the end of the quarter. This was a decrease of \$87 million from the year-ago quarter and a decrease of \$73 million from the prior quarter. Days sales outstanding were 46 at the end of the quarter compared with 50 a year ago and 44 at the end of the prior quarter.
- Inventory was \$1.58 billion at the end of the quarter. This was \$169 million higher than the year-ago quarter and \$160 million higher than the prior quarter. Days of inventory at the end of the first quarter were 94, up 12 days from a year ago and up 16 days from the prior quarter.
- · Capital spending totaled \$219 million. Depreciation was \$241 million.

Total cash (cash and cash equivalents plus short-term investments) was \$1.88 billion at the end of the quarter. This was \$1.46 billion lower than a year ago and \$1.05 billion lower than the prior quarter. The company reduced its holdings of auction-rate securities, which are based on pools of student loans that are guaranteed by the U.S. Department of Education, by \$473 million from the end of the prior quarter. As of the end of the first quarter, TI reclassified its remaining auction-rate securities, which have a fair value of \$551 million, from short-term investments to long-term investments due to reduced liquidity for these securities. The company used \$874 million in the quarter to repurchase 28.6 million shares of its common stock and paid dividends of \$133 million.

Outlook

For the second quarter of 2008, TI currently expects its financial results to fall within the following ranges:

Total TI revenue:	\$3.24 - 3.50 billion
Semiconductor revenue:	\$3.08 - 3.32 billion
Education Technology revenue:	\$160 - 180 million
EPS:	0.42 - 0.48

The company will update its second-quarter outlook on June 9, 2008.

For the full year 2008, TI continues to expect the following:

2.0 billion
).9 billion
.0 billion
%

TEXAS INSTRUMENTS INCORPORATED AND SUBSIDIARIES Consolidated Statements of Income (Millions of dollars, except share and per-share amounts)

	F	For Three Months Ended			
	Mar. 31, 2008	Dec	Dec. 31, 2007		31, 2007
Net revenue	\$ 3,272	\$	3,556	\$	3,191
Cost of revenue	1,516		1,630		1,554
Gross profit	1,756		1,926		1,637
Research and development (R&D)	514		508		552
Selling, general and administrative (SG&A)	435		422		405
Total operating costs and expenses	2,465		2,560		2,511
Profit from operations	807		996		680
Other income (expense) net	33		46		39
Income from continuing operations before income taxes	840		1,042		719
Provision for income taxes	178		289		203
Income from continuing operations	662		753		516
Income from discontinued operations, net of taxes			3		
Net income	\$ 662	\$	756	\$	516
Basic earnings per common share:					
Income from continuing operations	\$.50	\$.55	\$.36
Net income	\$.50	\$.55	\$.36
Diluted earnings per common share:					
Income from continuing operations	\$.49	\$.54	\$.35
Net income	\$.49	\$.54	\$.35
Average shares outstanding (millions):	4.00-		4 9 5 9		1 1 15
Basic	1,327		1,372		1,442
Diluted	1,347		1,399		1,470
Cash dividends declared per share of common stock	\$.10	\$.10	\$.04
Percentage of revenue:					
Gross profit	53.7				51.3%
R&D	15.7		14.3%		17.3%
SG&A	13.3		11.9%		12.7%
Operating profit	24.7	%	28.0%)	21.3%

TEXAS INSTRUMENTS INCORPORATED AND SUBSIDIARIES Consolidated Balance Sheets (Millions of dollars, except share amounts)

		Mar. 31, 2008				Mar. 31, 2007	
Assets							
Current assets:							
Cash and cash equivalents	\$	1,450	\$	1,328	\$	965	
Short-term investments		426		1,596		2,371	
Accounts receivable, net of allowances of (\$25), (\$26) and (\$25)		1,669		1,742		1,756	
Raw materials		111		105		114	
Work in process		943		876		879	
Finished goods		524		437		416	
Inventories		1,578		1,418		1,409	
Deferred income taxes		659		654		1,071	
Prepaid expenses and other current assets		193		180		261	
Total current assets		5,975	_	6,918		7,833	
Property, plant and equipment at cost		7,493		7,568		7,715	
Less accumulated depreciation		(3,908)		(3,959)		(3,835)	
Property, plant and equipment, net		3,585		3,609		3,880	
Long-term investments		791		267		250	
Goodwill		838		838		792	
Acquisition-related intangibles		105		115		131	
Deferred income taxes		618		510		436	
Capitalized software licenses, net		225		227		280	
Overfunded retirement plans		122		105		54	
Other assets		79		78		94	
Total assets	\$	12,338	\$	12,667	\$	13,750	
Linkilitias and Stashkaldaws' Equity							
Liabilities and Stockholders' Equity Current liabilities:							
Current natifies. Current portion of long-term debt	\$		\$		\$	43	
Accounts payable	φ	680	φ	 657	φ	43 550	
Accrued expenses and other liabilities		871		1,117		877	
Income taxes payable		218		53		286	
Accrued profit sharing and retirement		79		198		51	
Total current liabilities		1,848		2,025		1,807	
Underfunded retirement plans		1,040		184		1,007	
Deferred income taxes		191 60		49		197	
Deferred credits and other liabilities		382		434		453	
Total liabilities		2,481	_	2,692	_	2,467	
		2,401		2,032		2,407	

Stockholders' equity:			
Preferred stock, \$25 par value. Authorized 10,000,000 shares. Participating cumulative			
preferred. None issued.			
Common stock, \$1 par value. Authorized 2,400,000,000 shares. Shares issued: March 31, 2008			
1,739,660,927; Dec. 31, 2007 1,739,632,601; March 31, 2007 1,739,211,844	1,740	1,740	1,739
Paid-in capital	926	931	822
Retained earnings	20,318	19,788	18,017
Less treasury common stock at cost:			
Shares: March 31, 2008 416,925,336; Dec. 31, 2007 396,421,798; March 31, 2007			
305,502,566	(12,776)	(12,160)	(8,940)
Accumulated other comprehensive loss, net of taxes	(351)	(324)	(355)
Total stockholders' equity	9,857	9,975	11,283
Total liabilities and stockholders' equity	\$ 12,338	\$ 12,667	\$ 13,750

TEXAS INSTRUMENTS INCORPORATED AND SUBSIDIARIES Consolidated Statements of Cash Flows (Millions of dollars)

	For	For Three Months Ended			
	Mar. 31, 2008	Mar. 31, 2008 Dec. 31, 2007			
Cash flows from operating activities:					
Net income	\$ 662	\$ 756	\$ 516		
Adjustments to reconcile net income to cash provided by operating					
activities of continuing operations:					
(Income) from discontinued operations		(3)			
Depreciation	241	253	252		
Stock-based compensation	54	67	78		
Amortization of acquisition-related					
intangibles	10	10	14		
Losses on sales of assets	6				
Deferred income taxes	(74)	4	(3)		
Increase (decrease) from changes in:					
Accounts receivable	89	284	17		
Inventories	(160)	32	28		
Prepaid expenses and other current assets	(46)	26	(79)		
Accounts payable and accrued expenses	(179)	(20)	(167)		
Income taxes payable	165	(47)	33		
Accrued profit sharing and retirement	(122)	52	(111)		
Excess tax benefit from share-based payments	(13)	(10)	(34)		
Change in funded status of retirement plans and accrued retirement	(4)	(3)	1		
Other	12	21	9		
Net cash provided by operating activities of continuing operations	641	1,422	554		
Cash flows from investing activities:					
Additions to property, plant and equipment	(219)	(181)	(179)		
Purchases of cash investments	(362)	(794)	(846)		
Sales and maturities of cash investments	958	2,067	1,011		
Purchases of long-term investments	(2)	(4)	(5)		
Sales of long-term investments	16	2	2		
Acquisitions, net of cash acquired		(56)	(27)		
Net cash provided by (used in) investing activities of continuing		`			
operations	391	1,034	(44)		
		,			
Cash flows from financing activities:					
Dividends paid	(133)	(138)	(58)		
Sales and other common stock transactions	76	67	154		
Excess tax benefit from share-based payments	13	10	34		
Stock repurchases	(874)	(1,877)	(857)		
Net cash used in financing activities of continuing operations	(918)	(1,938)	(727)		
The cash used in financing activities of continuing operations	(310)	(1,550)	(727)		
Effect of exchange rate changes on cash	8	3	(1)		
	122	521			
Net increase (decrease) in cash and cash equivalents			(218)		
Cash and cash equivalents, beginning of period	1,328	807	1,183		
Cash and cash equivalents, end of period	\$ 1,450	\$ 1,328	<u>\$ 965</u>		

Certain amounts in prior periods' financial statements have been reclassified to conform to the current presentation.

Segment Net Revenue (Millions of dollars)

	For Three Months Ended					
	Mar 20	-	-	Dec. 31, 2007	Mar. 31, 2007	
Semiconductor	\$	3,191	\$	3,475	\$	3,115
Education Technology		81		81		76
Total net revenue	\$	3,272	\$	3,556	\$	3,191

Segment Profit (Loss) (Millions of dollars)

		For Three Months Ended						
	_	Mar. 31, 2008		Dec. 31, 2007		Mar. 31, 2007		
Semiconductor	\$	927	\$	1,117	\$	831		
Education Technology		18		19		16		
Corporate*		(138)		(140)		(167)		
Profit from operations	\$	807	\$	996	\$	680		

*Corporate includes stock-based compensation expense:

Semiconductor segment

- Revenue was \$3.19 billion. This was 2 percent higher than a year ago primarily due to higher sales of analog products, especially high-performance analog products. Revenue declined 8 percent from the prior quarter primarily due to lower demand for digital signal processing products sold into cell phone applications.
 - Analog product revenue was \$1.32 billion. This was up 6 percent compared with a year ago due to stronger demand for high-performance analog products. Revenue was down 4 percent from the prior quarter primarily due to weaker demand for application-specific analog products sold into hard-disk drive and cell phone applications. Revenue from high-performance analog products increased 20 percent from a year ago and was about even with the prior quarter.
 - Digital signal processing product revenue was \$1.12 billion. This was a decrease of 3 percent from a year ago and a decrease of 18 percent from the prior quarter. Both declines were due to lower sales into cell phone applications.
 - TI's remaining semiconductor revenue was \$754 million. This was up 6 percent from a year ago and was up 2 percent from the prior quarter.
- Gross profit was \$1.73 billion, or 54.3 percent of revenue. This was up \$102 million, or 6 percent, from the year-ago quarter primarily due to higher revenue from more-profitable analog products, and to a lesser extent, from microcontrollers. Gross profit was down \$165 million, or 9 percent, from the prior quarter due to lower revenue.
- Operating profit for the first quarter was \$927 million, or 29.0 percent of revenue. This was an increase of \$96 million from the year-ago quarter and a decrease of \$190 million from the prior quarter.
- Orders in the first quarter were \$3.17 billion. This was up 3 percent from the year-ago quarter and down 7 percent from the prior quarter.

Semiconductor highlights

- TI introduced a family of analog front-end chips that enable superior image quality and reduced power consumption in medical ultrasound diagnostic equipment.
- TI delivered the industry's first closed-loop, digital-input Class-D audio amplifier that improves sound quality and lowers audio subsystem costs in high-definition TVs and media docking stations.
- TI demonstrated a prototype cell phone based on the Android open source platform and built using TI's OMAP™ applications processor and connectivity solutions.

Education Technology segment

- Revenue was \$81 million. This was an increase of \$5 million, or 7 percent, from the year-ago quarter due to higher sales of graphing calculators. Revenue was even with the prior quarter.
- Gross profit was \$49 million, or 60.5 percent of revenue. This was an increase of \$4 million from the year-ago quarter and was a decrease of \$1 million from the prior quarter.
- Operating profit was \$18 million, or 21.9 percent of revenue. This was an increase of \$2 million from the year-ago quarter and a decrease of \$1 million from the prior quarter.

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- Expiration of license agreements between TI and its patent licensees, and market conditions reducing royalty payments to TI;
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About Texas Instruments

Texas Instruments (NYSE: TXN) helps customers solve problems and develop new electronics that make the world smarter, healthier, safer, greener and more fun. A global semiconductor company, TI innovates through manufacturing, design and sales operations in more than 25 countries. For more information, go to <u>www.ti.com</u>.

TI Trademark: OMAP

Other trademarks are the property of their respective owners.