

**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): September 21, 2006

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))
 - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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ITEM 8.01. Other Events

The Registrant's news release dated September 21, 2006, regarding a share repurchase program and planned dividend increase, attached hereto as Exhibit 99 is incorporated by reference herein.

ITEM 9.01. Exhibits

<u>Designation of Exhibit in this Report</u>	<u>Description of Exhibit</u>
<u>99</u>	Registrant's News Release Dated September 21, 2006 (furnished pursuant to Item 8.01)

“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 the Company 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 and critical manufacturing equipment;
 - 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 company forecasts;
 - The financial impact of inadequate or excess TI inventories to meet demand that differs from projections;
 - Product liability or warranty claims, or recalls by TI customers for a product containing a TI part;
 - TI’s ability to recruit and retain skilled personnel; and
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- 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.

TEXAS INSTRUMENTS INCORPORATED

Date: September 21, 2006

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

TI to Repurchase Additional \$5 Billion in Stock, Increase Dividend by 33%

DALLAS (September 21, 2006) - Texas Instruments Incorporated (TI) (NYSE: TXN) today announced that its Board of Directors has authorized the company to repurchase an additional \$5 billion of its common stock.

TI plans to repurchase shares at times and prices considered appropriate by the company. When combined with other previously announced buyback plans, the total outstanding share repurchase authorization is now \$6.8 billion. Including today's announcement, the Board has authorized the repurchase of \$15 billion of stock since September 2004. Over this period, the company has reduced the number of its shares outstanding by over 200 million shares, or more than 10 percent.

Additionally, the company plans to raise its quarterly cash dividend 33 percent. TI's new quarterly dividend rate will be \$0.04 per quarter, resulting in annual dividend payments of \$0.16 per share. The company's previous dividend increase was announced in July 2005, when the dividend was raised 20 percent. TI has paid dividends to its shareholders on an uninterrupted basis since June 1, 1962.

TI expects the first quarterly distribution of the new dividend will be payable November 20, 2006, to stockholders of record on October 31, 2006, contingent upon formal declaration by the Board of Directors at its regular meeting in October.

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We urge you to carefully consider the following important factors that could cause actual results to differ materially from the expectations of the Company 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;
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- 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 and critical manufacturing equipment;
- 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;
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- 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 release are made only as of the date of publication, and the Company undertakes no obligation to update the forward-looking statements to reflect subsequent events or circumstances.

Texas Instruments Incorporated provides innovative DSP and analog technologies to meet our customers' real world signal processing requirements. In addition to Semiconductor, the company includes the Educational & Productivity Solutions business. TI is headquartered in Dallas, Texas, and has manufacturing, design or sales operations in more than 25 countries.

Texas Instruments is traded on the New York Stock Exchange under the symbol TXN. More information is located on the World Wide Web at www.ti.com.
