

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

FORM 10-Q

QUARTERLY REPORT UNDER SECTION 13 or 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the quarterly period ended June 30, 2010

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

For the transition period from _____ to _____

Commission File Number 001-03761

TEXAS INSTRUMENTS INCORPORATED

(Exact Name of Registrant as Specified in Its Charter)

**Delaware
(State of Incorporation)**

**75-0289970
(I.R.S. Employer Identification No.)**

**12500 TI Boulevard, P.O. Box 660199, Dallas, Texas
(Address of principal executive offices)**

**75266-0199
(Zip Code)**

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

Indicate by check mark whether the Registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the Registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days.

Yes No

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files).

Yes No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer T Accelerated filer o

Non-accelerated filer o (Do not check if a smaller reporting company) Smaller reporting company o

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act).

Yes No T

1,195,195,435
Number of shares of Registrant's common stock outstanding as of
June 30, 2010

PART I - FINANCIAL INFORMATION

ITEM 1. Financial Statements.

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

	For Three Months Ended		For Six Months Ended June 30,	
	June 30,		2010	2009
	2010	2009	2010	2009
Revenue	\$ 3,496	\$ 2,457	\$ 6,701	\$ 4,542
Cost of revenue	1,602	1,333	3,118	2,613
Gross profit	1,894	1,124	3,583	1,929
Research and development	392	369	761	755
Selling, general and administrative	378	327	737	631
Restructuring expense	17	85	28	190
Operating profit	1,107	343	2,057	353
Other income (expense) net	4	13	11	19
Income before income taxes	1,111	356	2,068	372
Provision for income taxes	342	96	641	95
Net income	\$ 769	\$ 260	\$ 1,427	\$ 277
Earnings per common share:				
Basic	\$.63	\$.20	\$ 1.15	\$.22
Diluted	\$.62	\$.20	\$ 1.14	\$.22
Average shares outstanding (millions):				
Basic	1,208	1,267	1,221	1,271
Diluted	1,221	1,272	1,234	1,275
Cash dividends declared per share of common stock	\$.12	\$.11	\$.24	\$.22

See accompanying notes.

TEXAS INSTRUMENTS INCORPORATED AND SUBSIDIARIES
Consolidated Statements of Comprehensive Income
(Millions of dollars)

	For Three Months Ended		For Six Months Ended June 30,	
	June 30,			
	2010	2009	2010	2009
Net income	\$ 769	\$ 260	\$ 1,427	\$ 277
Other comprehensive income (loss):				
Available-for-sale investments:				
Unrealized gains, net of taxes	2	10	3	19
Reclassification of recognized transactions, net of taxes	--	1	--	1
Net actuarial gains (losses) of defined benefit plans:				
Adjustment, net of taxes	(52)	49	(75)	80
Reclassification of recognized transactions, net of taxes	22	13	38	25
Prior service cost of defined benefit plans:				
Adjustment, net of taxes	1	--	1	(3)
Reclassification of recognized transactions, net of taxes	--	(6)	--	(6)
Total	(27)	67	(33)	116
Total comprehensive income	<u>\$ 742</u>	<u>\$ 327</u>	<u>\$ 1,394</u>	<u>\$ 393</u>

See accompanying notes.

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

	<u>June 30,</u> <u>2010</u>	<u>December 31,</u> <u>2009</u>
Assets		
Current assets:		
Cash and cash equivalents	\$ 1,138	\$ 1,182
Short-term investments	1,167	1,743
Accounts receivable, net of allowances of (\$21) and (\$23)	1,715	1,277
Raw materials	98	93
Work in process	812	758
Finished goods	439	351
Inventories	<u>1,349</u>	<u>1,202</u>
Deferred income taxes	566	546
Prepaid expenses and other current assets	195	164
Total current assets	<u>6,130</u>	<u>6,114</u>
Property, plant and equipment at cost	6,831	6,705
Less accumulated depreciation	(3,591)	(3,547)
Property, plant and equipment, net	<u>3,240</u>	<u>3,158</u>
Long-term investments	557	637
Goodwill	926	926
Acquisition-related intangibles	97	124
Deferred income taxes	915	926
Capitalized software licenses, net	229	119
Overfunded retirement plans	22	64
Other assets	48	51
Total assets	<u>\$ 12,164</u>	<u>\$ 12,119</u>
Liabilities and Stockholders' Equity		
Current liabilities:		
Accounts payable	\$ 542	\$ 503
Accrued expenses and other liabilities	823	841
Income taxes payable	18	128
Accrued profit sharing and retirement	155	115
Total current liabilities	<u>1,538</u>	<u>1,587</u>
Underfunded retirement plans	470	425
Deferred income taxes	70	67
Deferred credits and other liabilities	331	318
Total liabilities	<u>2,409</u>	<u>2,397</u>
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: June 30, 2010 -- 1,739,888,675; December 31, 2009 -- 1,739,811,721	1,740	1,740
Paid-in capital	1,127	1,086
Retained earnings	23,194	22,066
Less treasury common stock at cost.		
Shares: June 30, 2010 -- 544,693,240; December 31, 2009 -- 499,693,704	(15,652)	(14,549)
Accumulated other comprehensive income (loss), net of taxes	(654)	(621)
Total stockholders' equity	<u>9,755</u>	<u>9,722</u>
Total liabilities and stockholders' equity	<u>\$ 12,164</u>	<u>\$ 12,119</u>

See accompanying notes.

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

	For Six Months Ended June 30,	
	2010	2009
Cash flows from operating activities:		
Net income	\$ 1,427	\$ 277
Adjustments to net income:		
Depreciation	426	451
Stock-based compensation	96	97
Amortization of acquisition-related intangibles	25	22
Deferred income taxes	(18)	9
Increase (decrease) from changes in:		
Accounts receivable	(439)	(334)
Inventories	(147)	316
Prepaid expenses and other current assets	4	(7)
Accounts payable and accrued expenses	(28)	(18)
Income taxes payable	(135)	(3)
Accrued profit sharing and retirement	43	(71)
Other	18	69
Net cash provided by operating activities	<u>1,272</u>	<u>808</u>
Cash flows from investing activities:		
Additions to property, plant and equipment	(502)	(91)
Purchases of short-term investments	(1,212)	(563)
Sales and maturities of short-term investments	1,801	1,273
Purchases of long-term investments	(2)	(5)
Redemptions and sales of long-term investments	68	46
Acquisitions, net of cash acquired	--	(155)
Net cash provided by investing activities	<u>153</u>	<u>505</u>
Cash flows from financing activities:		
Dividends paid	(296)	(280)
Sales and other common stock transactions	79	37
Excess tax benefit from share-based payments	2	--
Stock repurchases	(1,254)	(351)
Net cash used in financing activities	<u>(1,469)</u>	<u>(594)</u>
Net (decrease) increase in cash and cash equivalents	(44)	719
Cash and cash equivalents, beginning of period	1,182	1,046
Cash and cash equivalents, end of period	<u>\$ 1,138</u>	<u>\$ 1,765</u>

See accompanying notes.

TEXAS INSTRUMENTS INCORPORATED AND SUBSIDIARIES
Notes to Financial Statements

1. Description of business and significant accounting policies and practices. Texas Instruments (TI) designs and makes semiconductors that we sell to electronics designers and manufacturers; about 80,000 customers all over the world buy our products.

Basis of Presentation – The consolidated financial statements have been prepared in accordance with accounting principles generally accepted in the U.S. (U.S. GAAP) and on the same basis as the audited financial statements included in our annual report on Form 10-K for the year ended December 31, 2009. The consolidated statements of income, statements of comprehensive income and statements of cash flows for the periods ended June 30, 2010 and 2009, and the balance sheet as of June 30, 2010, are not audited but reflect all adjustments that are of a normal recurring nature and are necessary for a fair statement of the results of the periods shown. The consolidated balance sheet as of December 31, 2009, presented herein is derived from the audited consolidated balance sheet presented in our annual report on Form 10-K at that date. Certain amounts in the prior periods' financial statements have been reclassified to conform to the current period presentation. Certain information and note disclosures normally included in annual consolidated financial statements have been omitted pursuant to the rules and regulations of the U.S. Securities and Exchange Commission. Because the consolidated interim financial statements do not include all of the information and notes required by U.S. GAAP for a complete set of financial statements, they should be read in conjunction with the audited consolidated financial statements and notes included in our annual report on Form 10-K for the year ended December 31, 2009. The results for the three-month and six-month periods are not necessarily indicative of a full year's results.

The consolidated financial statements include the accounts of all subsidiaries. All intercompany balances and transactions have been eliminated in consolidation.

All dollar amounts in the financial statements and tables in the notes, except share and per-share amounts, are stated in millions of U.S. dollars unless otherwise indicated.

Acquisitions – In the second quarter of 2009, we acquired Luminary Micro for net cash of \$51 million and other consideration of \$7 million. These operations were integrated into our Embedded Processing segment.

In the first quarter of 2009, we acquired CICLON Semiconductor Device Corporation for net cash of \$104 million and other consideration of \$7 million. These operations were integrated into our Analog segment.

The results of operations of these acquisitions have been included in our financial statements from their respective acquisition dates.

Use of Derivatives and Hedging – We use derivative financial instruments to manage exposure to foreign exchange risk. These instruments are primarily forward foreign currency exchange contracts that are used as economic hedges to reduce the earnings impact exchange rate fluctuations may have on our non-U.S. dollar net balance sheet exposures or for specified non-U.S. dollar forecasted transactions. Gains and losses from changes in the fair value of these forward foreign currency exchange contracts are credited or charged to other income (expense) net (OI&E). We do not use derivatives for speculative or trading purposes. We do not apply hedge accounting to our foreign currency derivative instruments.

Fair Values of Financial Instruments – The fair values of our derivative financial instruments were not significant at June 30, 2010. Our investments in cash equivalents, short-term investments and certain long-term investments are carried at fair value and are discussed in Note 5. The carrying values for other current financial assets and liabilities, such as accounts receivable and accounts payable, approximate fair value due to the short maturity of such instruments.

Changes in Accounting Standards – In January 2010, the Financial Accounting Standards Board (FASB) issued Accounting Standards Update (ASU) No. 2010 - 06 – *Fair Value Measurements and Disclosures (Topic 820): Improving Disclosures about Fair Value Measurements*. This standard amends the disclosure guidance with respect to fair value measurements for both interim and annual reporting periods. Specifically, this standard requires new disclosures for significant transfers of assets or liabilities between Level 1 and Level 2 in the fair value hierarchy; separate disclosures for purchases, sales, issuance and settlements of Level 3 fair value items on a gross, rather than net basis; and more robust disclosure of the valuation techniques and inputs used to measure Level 2 and Level 3 assets and liabilities. Except for the detailed disclosures of changes in Level 3 items, which will be effective for us as of January 1, 2011, the remaining new disclosure requirements were effective for us as of January 1, 2010. We have included these new disclosures, as applicable, in Note 5.

In April 2010, the FASB issued ASU No. 2010 - 17 – *Revenue Recognition - Milestone Method (Topic 605): Milestone Method of Revenue Recognition*. This standard provides guidance on defining a milestone and determining when it may be appropriate to apply the milestone method of revenue recognition for certain research and development transactions. Under this new standard, a company can recognize as revenue consideration that is contingent upon achievement of a milestone in the period in which it is achieved, only if the milestone meets all criteria to be considered substantive. This standard will be effective for us on a prospective basis for periods beginning after January 1, 2011. We have evaluated the potential impact of this standard and expect it will have no significant impact on our financial position or results of operations.

2. Restructuring activities. In October 2008, we announced actions to reduce expenses in our Wireless segment, especially our baseband operation. In January 2009, we announced actions that included broad-based employment reductions to align our spending with weakened demand. Combined, these actions eliminated about 3,900 jobs; they were completed in 2009.

The table below reflects the changes in accrued restructuring balances associated with these actions:

	<u>Severance and Benefits</u>	<u>Impairments and Other Charges</u>	<u>Total</u>
Remaining accrual at December 31, 2009	\$ 84	\$ 10	\$ 94
Restructuring expense	28	--	28
Non-cash charges	(28)*	--	(28)
Payments	(53)	(2)	(55)
Remaining accrual at June 30, 2010	<u>\$ 31</u>	<u>\$ 8</u>	<u>\$ 39</u>

* Reflects postretirement benefit plan settlement charges.

The accrual balances above are a component of Accrued expenses and other liabilities or Deferred credits and other liabilities on our balance sheets, depending on the expected timing of payment.

Restructuring expense recognized by segment from the actions above is as follows:

	<u>For Three Months Ended</u>		<u>For Six Months Ended June 30,</u>	
	<u>June 30,</u>	<u>2009</u>	<u>2010</u>	<u>2009</u>
Analog	\$ 7	\$ 34	\$ 11	\$ 74
Embedded Processing	3	18	5	37
Wireless	5	24	8	58
Other	2	9	4	21
Total	<u>\$ 17</u>	<u>\$ 85</u>	<u>\$ 28</u>	<u>\$ 190</u>

3. **Income taxes.** Federal income taxes for the interim periods presented have been included in the accompanying financial statements on the basis of an estimated annual effective tax rate. The rate is based on current tax law and for 2010 does not assume reinstatement of the federal research tax credit, which expired at the end of 2009. As of June 30, 2010, the estimated annual effective tax rate for 2010 is about 31 percent, which differs from the 35 percent statutory corporate tax rate primarily due to the effects of non-U.S. tax rates.
4. **Earnings per share (EPS).** Unvested awards of share-based payments with rights to receive dividends or dividend equivalents, such as our restricted stock units (RSUs), are considered to be participating securities and the two-class method is used for purposes of calculating EPS. Under the two-class method, a portion of net income is allocated to these participating securities and therefore is excluded from the calculation of EPS allocated to common stock, as shown in the table below.

Computation and reconciliation of earnings per common share are as follows:

	For Three Months Ended June 30, 2010			For Three Months Ended June 30, 2009		
	Income	Shares	EPS	Income	Shares	EPS
Basic EPS:						
Net Income	\$ 769			\$ 260		
Less income allocated to RSUs	(11)			(2)		
Income allocated to common stock for basic EPS calculation	\$ 758	1,208	\$.63	\$ 258	1,267	\$.20

Adjustment for dilutive shares:

Stock-based compensation plans	13	5
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Diluted EPS:

Net Income	\$ 769			\$ 260		
Less income allocated to RSUs	(11)			(2)		
Income allocated to common stock for diluted EPS calculation	\$ 758	1,221	\$.62	\$ 258	1,272	\$.20

	For Six Months Ended June 30, 2010			For Six Months Ended June 30, 2009		
	Income	Shares	EPS	Income	Shares	EPS
Basic EPS:						
Net Income	\$ 1,427			\$ 277		
Less income allocated to RSUs	(19)			(2)		
Income allocated to common stock for basic EPS calculation	\$ 1,408	1,221	\$ 1.15	\$ 275	1,271	\$.22

Adjustment for dilutive shares:

Stock-based compensation plans	13	4
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Diluted EPS:

Net Income	\$ 1,427			\$ 277		
Less income allocated to RSUs	(19)			(2)		
Income allocated to common stock for diluted EPS calculation	\$ 1,408	1,234	\$ 1.14	\$ 275	1,275	\$.22

Options to purchase 97 million and 139 million shares of common stock that were outstanding during the second quarters of 2010 and 2009, and 97 million and 140 million shares outstanding during the six months of 2010 and 2009, respectively, were not included in the computation of diluted earnings per share because their exercise price was greater than the average market price of the common shares and, therefore, the effect would be anti-dilutive.

5. Valuation of debt and equity investments and certain liabilities.

Debt and equity investments

We classify our investments as available-for-sale, trading, equity method or cost method. Most of our investments are classified as available-for-sale.

Available-for-sale securities consist primarily of money market funds and debt securities. Available-for-sale securities are stated at fair value, which is generally based on market prices, broker quotes or, when necessary, financial models (see fair value discussion below). We record other-than-temporary losses (impairments) on these securities in OI&E, and all other unrealized gains and losses as an increase or decrease, net of taxes, in accumulated other comprehensive income (AOCI).

Trading securities are stated at fair value based on market prices. Our trading securities consist exclusively of mutual funds that hold a variety of debt and equity investments intended to generate returns that offset changes in certain deferred compensation liabilities. We record changes in the fair value of our trading securities and the related deferred compensation liabilities in selling, general and administrative expense.

Our other investments are not measured at fair value but are accounted for using either the equity method or cost method. These investments consist of interests in venture capital funds and other non-marketable equity securities. Gains or losses from equity method investments are reflected in OI&E based on our ownership share of the investee's financial results. Gains and losses on cost method investments are recorded in OI&E when realized or when an impairment of the investment's value is warranted based on our assessment of the recoverability of each investment. We determine cost or amortized cost, as appropriate, on a specific identification basis.

In the quarter ending June 30, 2010, \$66 million of auction-rate securities were redeemed at par and \$13 million of auction-rate securities were called for redemption at par in July 2010. The auction-rate securities that have been called have been reclassified from long-term to short-term investments on the balance sheet.

Details of our investments by class and related unrealized gains and losses included in AOCI are as follows:

	June 30, 2010			December 31, 2009		
	Cash and Cash Equivalents	Short-Term Investments	Long-Term Investments	Cash and Cash Equivalents	Short-Term Investments	Long-Term Investments
Measured at fair value:						
Available-for-sale						
Money market funds	\$ 357	\$ --	\$ --	\$ 563	\$ --	\$ --
Corporate obligations	51	583	--	100	438	--
U.S. government agency and Treasury securities	532	571	--	360	1,305	--
Auction-rate securities	--	13	381	--	--	458
Trading						
Mutual funds	--	--	119	--	--	123
Total	\$ 940	\$ 1,167	\$ 500	\$ 1,023	\$ 1,743	\$ 581
Other measurement basis:						
Equity method investments	\$ --	\$ --	\$ 34	\$ --	\$ --	\$ 33
Cost method investments	--	--	23	--	--	23
Cash on hand	198	--	--	159	--	--
Total	\$ 1,138	\$ 1,167	\$ 557	\$ 1,182	\$ 1,743	\$ 637
Amounts included in AOCI from available-for-sale securities:						
Unrealized gains (pre-tax)	\$ --	\$ 2	\$ --	\$ --	\$ 1	\$ --
Unrealized losses (pre-tax)	\$ --	\$ --	\$ 28	\$ --	\$ --	\$ 32

As of June 30, 2010, about 70 percent of our investments in the corporate obligations shown above are insured by either the Federal Deposit Insurance Corporation (FDIC) or the U.K. government.

As of June 30, 2010 and December 31, 2009, unrealized losses included in AOCI were associated with auction-rate securities. We have determined that our available-for-sale investments with unrealized losses are not other-than-temporarily impaired. We expect to recover the entire cost basis of these securities. We do not intend to sell these investments, nor do we expect to be required to sell these investments before a recovery of the cost basis. For the six months ended June 30, 2010 and 2009, we did not recognize in earnings any credit losses related to these investments.

For the six months ended June 30, 2010 and 2009, the proceeds from sales of available-for-sale securities prior to their scheduled maturities were \$2.78 billion and \$740 million, respectively. Gross realized gains and losses from these sales were not significant.

The following table presents the aggregate maturities of investments in money market funds and other debt securities classified as available-for-sale at June 30, 2010:

	Due	Fair Value
One year or less		\$ 1,800
One to three years		307
Greater than three years (auction-rate securities)		381

Fair value

We measure and report our financial assets and liabilities at fair value. Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability (an exit price) in the principal or most advantageous market for the asset or liability in an orderly transaction between market participants on the measurement date.

The three-level hierarchy discussed below indicates the extent and level of judgment used to estimate fair value measurements.

Level 1 – Uses unadjusted quoted prices that are available in active markets for identical assets or liabilities as of the reporting date.

Level 2 – Uses inputs other than Level 1 that are either directly or indirectly observable as of the reporting date through correlation with market data, including quoted prices for similar assets and liabilities in active markets and quoted prices in markets that are not active. Level 2 also includes assets and liabilities that are valued using models or other pricing methodologies that do not require significant judgment since the input assumptions used in the models, such as interest rates and volatility factors, are corroborated by readily observable data.

Our Level 2 assets consist of corporate obligations, some U.S. government agency securities and auction-rate securities that have been called for redemption at par. We use a market approach to determine the fair value, primarily utilizing unadjusted quotes obtained from brokers or dealers based on observable prices for similar assets in active markets.

Level 3 – Uses inputs that are unobservable, supported by little or no market activity and reflect the use of significant management judgment. These values are generally determined using pricing models that utilize management estimates of market participant assumptions.

We own auction-rate securities that are primarily classified as Level 3 assets. Auction-rate securities are debt instruments with variable interest rates that historically would periodically reset through an auction process. There is currently no active market for auction-rate securities, so we use a discounted cash flow (DCF) model to determine the estimated fair value of these investments as of each quarter end. The assumptions used in preparing the DCF model include estimates for the amount and timing of future interest and principal payments and the rate of return required by investors to own these securities in the current environment. In making these assumptions we consider relevant factors including: the formula for each security that defines the interest rate paid to investors in the event of a failed auction; forward projections of the interest rate benchmarks specified in such formulas; the likely timing of principal repayments; the probability of full repayment considering the guarantees by the U.S. Department of Education of the underlying student loans and additional credit enhancements provided through other means; and, publicly available pricing data for student loan asset-backed securities that are not subject to auctions. Our estimate of the rate of return required by investors to own these securities also considers the reduced liquidity for auction-rate securities.

To date, we have collected all interest on all of our auction-rate securities when due and expect to continue to do so in the future. The principal associated with failed auctions will not be accessible until successful auctions resume, a buyer is found outside of the auction process, or issuers use a different form of financing to replace these securities. Meanwhile, issuers continue to repay principal over time from cash flows prior to final maturity, or make final payments when they come due according to contractual maturities ranging from 13 to 37 years. All of our auction-rate securities are backed by pools of student loans substantially guaranteed by the U.S. Department of Education and we continue to believe that the credit quality of these securities is high based on this guarantee. As of June 30, 2010, all of these securities were rated AAA or Aaa by at least one of the major rating agencies. Although most of these securities are dual rated AAA/Aaa, one (\$25 million par value) is rated AAA/B3 and one (\$12 million par value) is rated AAA/Baa1. While our ability to liquidate auction-rate investments is likely to be limited for some period of time, we do not believe this will materially impact our ability to fund our working capital needs, capital expenditures, dividend payments or other business requirements.

The following are our assets and liabilities that were accounted for at fair value on a recurring basis as of June 30, 2010 and December 31, 2009. These tables do not include cash on hand, assets held by our postretirement plans or assets and liabilities that are measured at historical cost or any basis other than fair value.

	<u>Fair Value June 30, 2010</u>	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>
Assets:				
Money market funds	\$ 357	\$ 357	\$ --	\$ --
Corporate obligations	634	51	583	--
U.S. government agency and Treasury securities	1,103	739	364	--
Auction-rate securities	394	--	13	381
Mutual funds	119	119	--	--
Total assets	<u>\$ 2,607</u>	<u>\$ 1,266</u>	<u>\$ 960</u>	<u>\$ 381</u>

Liabilities:				
Contingent consideration	\$ 17	\$ --	\$ --	\$ 17
Deferred compensation	143	143	--	--
Total liabilities	<u>\$ 160</u>	<u>\$ 143</u>	<u>\$ --</u>	<u>\$ 17</u>

	<u>Fair Value December 31, 2009</u>	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>
Assets:				
Money market funds	\$ 563	\$ 563	\$ --	\$ --
Corporate obligations	538	--	538	--
U.S. government agency and Treasury securities	1,665	911	754	--
Auction-rate securities	458	--	--	458
Mutual funds	123	123	--	--
Total assets	<u>\$ 3,347</u>	<u>\$ 1,597</u>	<u>\$ 1,292</u>	<u>\$ 458</u>

Liabilities:				
Contingent consideration	\$ 18	\$ --	\$ --	\$ 18
Deferred compensation	154	154	--	--
Total liabilities	<u>\$ 172</u>	<u>\$ 154</u>	<u>\$ --</u>	<u>\$ 18</u>

The liabilities in the tables above are a component of Accrued expenses and other liabilities or Deferred credits and other liabilities on our balance sheets, depending on the expected timing of payment.

The following table provides a reconciliation of changes in the fair values for Level 3 assets and liabilities. In the quarter ending June 30, 2010, we were notified that \$13 million of our auction-rate securities were called for redemption at par in the third quarter of 2010. As a result, we transferred these assets from Level 3 to Level 2 as of the end of the second quarter. These securities were redeemed at par in July 2010.

Changes in fair value during the period (pre-tax):	Level 3	
	Auction-rate securities	Contingent consideration
Beginning Balance, December 31, 2008	\$ 482	\$ --
New contingent consideration	--	10
Change in fair value of contingent consideration - included in operating profit	--	8
Reduction in unrealized loss - included in AOCI	23	--
Redemptions at par	(42)	--
Ending Balance, June 30, 2009	<u>463</u>	<u>18</u>
Increase in unrealized loss - included in AOCI	(2)	--
Redemptions at par	(3)	--
Ending Balance, December 31, 2009	<u>458</u>	<u>18</u>
Change in fair value of contingent consideration - included in operating profit	--	(1)
Reduction in unrealized loss - included in AOCI	4	--
Redemptions at par	(68)	--
Transfers into Level 2	(13)	--
Ending Balance, June 30, 2010	<u>\$ 381</u>	<u>\$ 17</u>

6. Postretirement benefit plans. Components of net periodic employee benefit cost are as follows:

For three months ended June 30,	U.S. Defined Benefit		U.S. Retiree Health Care		Non-U.S. Defined Benefit	
	2010	2009	2010	2009	2010	2009
	Service cost	\$ 4	\$ 5	\$ 1	\$ 1	\$ 9
Interest cost	12	12	6	6	15	15
Expected return on plan assets	(12)	(12)	(6)	(7)	(18)	(17)
Amortization of prior service cost	--	--	1	1	(1)	(1)
Recognized net actuarial loss	5	4	3	2	7	9
Net periodic benefit cost	\$ 9	\$ 9	\$ 5	\$ 3	\$ 12	\$ 15
Settlement charges *	19	7	--	--	--	--
Curtailment gains	--	--	--	--	--	(10)
Total, including charges and (gains)	\$ 28	\$ 16	\$ 5	\$ 3	\$ 12	\$ 5

For six months ended June 30,	U.S. Defined Benefit		U.S. Retiree Health Care		Non-U.S. Defined Benefit	
	2010	2009	2010	2009	2010	2009
	Service cost	\$ 9	\$ 10	\$ 2	\$ 2	\$ 17
Interest cost	24	25	13	13	30	30
Expected return on plan assets	(25)	(24)	(12)	(14)	(36)	(33)
Amortization of prior service cost	--	--	1	1	(2)	(2)
Recognized net actuarial loss	10	8	6	4	15	19
Net periodic benefit cost	\$ 18	\$ 19	\$ 10	\$ 6	\$ 24	\$ 34
Settlement charges *	30	7	--	--	--	--
Curtailment charges (gains)	--	--	--	2	--	(10)
Special termination benefit charges	--	6	--	--	--	--
Total, including charges and (gains)	\$ 48	\$ 32	\$ 10	\$ 8	\$ 24	\$ 24

* Includes restructuring and non-restructuring related settlement charges.

7. Contingencies. We routinely sell products with an intellectual property indemnification included in the terms of sale. Historically, we have had only minimal, infrequent losses associated with these indemnities. Consequently, we cannot reasonably estimate or accrue for any future liabilities that may result.

We accrue for known product-related claims if a loss is probable and can be reasonably estimated. During the periods presented, there have been no material accruals or payments regarding product warranty or product liability. Historically, we have experienced a low rate of payments on product claims. Although we cannot predict the likelihood or amount of any future claims, we do not believe they will have a material adverse effect on our financial condition, results of operations or liquidity. Consistent with general industry practice, we enter into formal contracts with certain customers that include negotiated warranty remedies. Typically, under these agreements, our warranty for semiconductor products includes: three years coverage; an obligation to repair, replace or refund; and a maximum payment obligation tied to the price paid for our products. In some cases, product claims may exceed the price of our products. From time to time, we also negotiate contingent consideration payment arrangements associated with certain acquisitions, which are recorded at fair value.

We are subject to various legal and administrative proceedings. Although it is not possible to predict the outcome of these matters, we believe that the results of these proceedings will not have a material adverse effect on our financial condition, results of operations or liquidity.

Discontinued Operations Indemnity – In connection with the 2006 sale of the former Sensors & Controls business, we have agreed to indemnify Sensata Technologies, Inc., for specified litigation matters and certain liabilities, including environmental liabilities. Our indemnification obligations with respect to breaches of representations and warranties and the specified litigation matters are generally subject to a total deductible of \$30 million and our maximum potential exposure is limited to \$300 million. We have not made any indemnity payments related to this matter and do not expect that any potential payments related to this indemnity obligation would have a material adverse effect on our financial condition, results of operations or liquidity in future periods.

8. Segment data. In the first quarter of 2010, we transferred a low-power wireless product line from the Analog segment to the Wireless segment. All segment results for prior periods have been restated to conform to this new presentation.

	For Three Months Ended		For Six Months Ended June 30,	
	June 30,			
	2010	2009	2010	2009
Segment Revenue				
Analog	\$ 1,512	\$ 970	\$ 2,880	\$ 1,772
Embedded Processing	516	350	956	666
Wireless	727	614	1,444	1,177
Other	741	523	1,421	927
Total revenue	\$ 3,496	\$ 2,457	\$ 6,701	\$ 4,542

	For Three Months Ended		For Six Months Ended June 30,	
	June 30,			
	2010	2009	2010	2009
Segment Operating Profit				
Analog	\$ 472	\$ 103	\$ 871	\$ 77
Embedded Processing	115	28	188	30
Wireless	165	51	322	28
Other	355	161	676	218
Total operating profit	\$ 1,107	\$ 343	\$ 2,057	\$ 353

See Note 2 for restructuring expenses impacting segment results for the three and six months ended June 30, 2010 and 2009.

ITEM 2. Management's Discussion and Analysis of Financial Condition and Results of Operations.

The following should be read in conjunction with the Financial Statements and the related Notes that appear elsewhere in this document. All dollar amounts in the tables in this discussion are stated in millions of U.S. dollars, except per-share amounts.

Overview

We design and make semiconductors that we sell to electronics designers and manufacturers all over the world. We began operations in 1930. We are incorporated in Delaware, headquartered in Dallas, Texas, and have design, manufacturing or sales operations in more than 30 countries. We have four segments: Analog, Embedded Processing, Wireless and Other. We expect Analog and Embedded Processing to be our primary growth engines in the years ahead, and we therefore focus our resources on these segments.

We were the world's fourth largest semiconductor company in 2009 as measured by revenue, according to an external source. Additionally, we sell calculators and related products.

Product information

Semiconductors are electronic components that serve as the building blocks inside modern electronic systems and equipment. Semiconductors come in two basic forms: individual transistors and integrated circuits (generally known as "chips") that combine multiple transistors on a single piece of material to form a complete electronic circuit. Our semiconductors are used to accomplish many different things, such as converting and amplifying signals, interfacing with other devices, managing and distributing power, processing data, canceling noise and improving signal resolution. Our portfolio includes products that are integral to almost all electronic equipment.

We sell custom and standard semiconductor products. Custom products are designed for a specific customer for a specific application, are sold only to that customer and are typically sold directly to the customer. The life cycles of custom products are generally determined by end-equipment upgrade cycles and can be as short as 12 to 24 months. Standard products are designed for use by many customers and/or many applications and are generally sold through both distribution and direct channels. They include both proprietary and commodity products. The life cycles of standard products are generally longer than for custom products.

Additional information regarding each segment's products follows.

Analog

Analog semiconductors change real-world signals – such as sound, temperature, pressure or images – by conditioning them, amplifying them and often converting them to a stream of digital data that can be processed by other semiconductors, such as digital signal processors (DSPs). Analog semiconductors are also used to manage power distribution and consumption. Sales to our Analog segment's nearly 80,000 customers generated about 40 percent of our revenue in 2009. According to external sources, the worldwide market for analog semiconductors was about \$32 billion in 2009. Our Analog segment's revenue in 2009 was \$4.2 billion, or about 13 percent of this market, the leading position. We believe that we are well-positioned to increase our market share over time.

Our Analog product lines are: high-volume analog & logic, high-performance analog and power management.

High-volume analog & logic products: High-volume analog includes products for specific applications, including custom products. The life cycles of our high-volume analog products are generally shorter than those of our high-performance analog products. End markets for high-volume analog products include communications, automotive, computing and many consumer electronics products. Logic and standard linear includes commodity products marketed to many different customers for many different applications.

High-performance analog products: These include standard analog semiconductors, such as amplifiers, data converters and interface semiconductors (our portfolio includes more than 15,000 products), that we market to many different customers who use them in manufacturing a wide range of products sold in many end markets, including the industrial, communications, computing and consumer electronics markets. High-performance analog products generally have long life cycles, often more than 10 years.

Power management products: These include both standard and custom semiconductors that help customers manage power in any type of electronic system. We design and manufacture power management semiconductors for both portable devices (battery-powered devices, such as handheld consumer electronics, laptop computers and cordless power tools) and line-powered systems (products that require an external electrical source, such as computers, digital TVs, wireless base stations and high-voltage industrial equipment).

Embedded Processing

Our Embedded Processing products include our DSPs (other than DSPs specific to our Wireless segment) and microcontrollers. DSPs perform mathematical computations almost instantaneously to process or improve digital data. Microcontrollers are designed to control a set of specific tasks for electronic equipment. Sales of Embedded Processing products generated about 15 percent of our revenue in 2009. The worldwide market for embedded processors was about \$14 billion in 2009. According to external sources, we have about 11 percent share in this fragmented market, and we believe we are well-positioned to increase our market share over time.

An important characteristic of our Embedded Processing products is that our customers often invest their own research and development (R&D) to write software that operates on our products. This investment tends to increase the length of our customer relationships because customers prefer to re-use software from one product generation to the next. We make and sell standard, or catalog, Embedded Processing products used in many different applications and custom Embedded Processing products used in specific applications, such as communications infrastructure equipment and automotive.

Wireless

Smart phones (phones which contain computing capability) are a rapidly growing portion of the cell phone market. These devices require an applications processor to run the phone's software and services, and other semiconductors to enable connectivity through means other than the cellular network (for example, Bluetooth® devices, WiFi networks or GPS location services).

We concentrate our Wireless investments on our OMAP™ applications processors and connectivity products. These products are central to smart phones and offer growth opportunities with a broad set of customers.

We have discontinued investment in baseband chips, a market with shrinking competitive barriers and slowing growth rates. We expect substantially all of our baseband revenue, which was \$1.73 billion in 2009, to cease by the end of 2012.

Wireless products are typically sold in high volumes, and our Wireless portfolio includes both standard products and custom products. Sales of Wireless products generated about 25 percent of our revenue in 2009, and a significant portion of our Wireless sales were to a single customer.

Other

Our Other segment includes revenue from sales from our smaller semiconductor product lines and of our handheld graphing and scientific calculators, as well as royalties received for our patented technology that we license to other electronics companies. The semiconductor products in our Other segment include DLP® products (primarily used in projectors to create high-definition images) and custom semiconductors known as application-specific integrated circuits (ASICs). This segment generated about 20 percent of our revenue in 2009.

Inventory

Our inventory practices differ by product, but we generally maintain inventory levels that are consistent with our expectations of customer demand. Because of the longer product life cycles of standard products and their inherently lower risk of obsolescence, we generally carry more of those products than custom products. Additionally, we sometimes maintain standard-product inventory in unfinished wafer form, allowing greater flexibility to meet final package and test configurations.

As a result of two multi-year trends, in general we expect to carry higher levels of inventory relative to our revenue expectations (commonly viewed by investors as days of inventory) than in past years. First, standard products have become a larger part of our portfolio. Second, we have increased consignment programs for our largest customers and some distributors and, as a result, we now carry more inventory on average than in the past in order to service the needs of these customers.

Manufacturing

Semiconductor manufacturing begins with a sequence of photo-lithographic and chemical processing steps that fabricate a number of semiconductor devices on a thin silicon wafer. Each device on the wafer is tested and the wafer is cut into pieces called chips. Each chip is assembled into a package that then may be retested. The entire process typically requires between 12 and 18 weeks and takes place in highly specialized facilities.

We own and operate semiconductor manufacturing facilities in North America, Asia and Europe. These include both high-volume wafer fabrication and assembly/test facilities. Our facilities require substantial investment to construct and are largely fixed-cost assets once in operation. Because we own much of our manufacturing capacity, a significant portion of our operating cost is fixed. In general, these fixed costs do not decline with reductions in customer demand or utilization of capacity, potentially hurting our profit margins. Conversely, as product demand rises and factory utilization increases, the fixed costs are spread over increased output, potentially benefiting our profit margins.

The cost and lifespan of the equipment and processes we use to manufacture semiconductors varies by product. Our Analog products and most of our Embedded Processing products can be manufactured using older, less expensive equipment than is needed for manufacturing advanced logic products, such as our Wireless products. Advanced logic wafer manufacturing continually requires new and expensive processes and equipment. In contrast, the processes and equipment required for manufacturing our Analog products and most of our Embedded Processing products do not have this requirement.

To supplement our internal wafer fabrication capacity and maximize our responsiveness to customer demand and return on capital expenditures, our wafer manufacturing strategy utilizes the capacity of outside suppliers, commonly known as foundries. Our strategy involves installing internal wafer fabrication capacity to a level we believe will remain fully utilized over the equipment's useful lifetime and then outsourcing remaining capacity needs to foundries. In 2009, external foundries provided about 55 percent of the fabricated wafers for our advanced logic manufacturing needs. We expect the proportion of our advanced logic wafers provided by foundries will increase over time. We expect to maintain sufficient internal wafer fabrication capacity to meet the vast majority of our analog production needs.

In addition to using foundries to supplement our wafer fabrication capacity, we selectively use subcontractors to supplement our assembly/test capacity. We generally use subcontractors for assembly/test of products that would be less cost-efficient to complete in-house (e.g., relatively low-volume products that are unlikely to keep internal equipment fully utilized), or when demand temporarily exceeds our internal capacity. We believe we often have a cost advantage in maintaining internal assembly/test capacity.

Our internal/external manufacturing strategy reduces the level of our required capital expenditures, and thereby reduces our subsequent levels of depreciation below what it would be if we sourced all manufacturing internally. Consequently, we experience less fluctuation in our profit margins due to changing product demand, and lower cash requirements for expanding and updating our manufacturing capabilities.

In 2009, to expand our existing wafer fabrication capacity, we began installing equipment in the industry's first 300-millimeter analog wafer factory, located in Richardson, Texas, and are currently qualifying for production. We also opened a new assembly/test facility in the Philippines to significantly increase our assembly/test capacity.

Product cycle

The global semiconductor market is characterized by constant, though generally incremental, advances in product designs and manufacturing processes. Semiconductor prices and manufacturing costs tend to decline over time as manufacturing processes and product life cycles mature. Typically, new chips are produced in limited quantities at first and then ramp to high-volume production over time. Consequently, new products tend not to have a significant revenue impact for one or more quarters after their introduction. In the results discussions below, changes in our shipments are caused by changing demand for our products unless otherwise noted.

Market cycle

The “semiconductor cycle” is an important concept that refers to the ebb and flow of supply. The semiconductor market historically has been characterized by periods of tight supply caused by strengthening demand and/or insufficient manufacturing capacity, followed by periods of surplus inventory caused by weakening demand and/or excess manufacturing capacity. This cycle is affected by the significant time and money required to build and maintain semiconductor manufacturing facilities.

Seasonality

Our revenue and operating results are subject to some seasonal variation. Our semiconductor sales generally are seasonally weaker in the first quarter than in other quarters, particularly for products sold into cell phones and other consumer electronics devices, which have stronger sales later in the year as manufacturers prepare for the major holiday selling seasons. Calculator revenue is tied to the U.S. back-to-school season and is therefore at its highest in the second and third quarters. Royalty revenue is not always uniform or predictable, in part due to the performance of our licensees and in part due to the timing of new license agreements or the expiration and renewal of existing agreements.

Tax considerations

We operate in a number of tax jurisdictions and are subject to several types of taxes including those that are based on income, capital, property and payroll, as well as sales and other transactional taxes. The timing of the final determination of our tax liabilities varies by jurisdiction and taxing authority. As a result, during any particular reporting period, we might reflect in our financial statements one or more tax refunds or assessments, or changes to tax liabilities, involving one or more taxing authorities.

Second-Quarter 2010 results

Our second-quarter revenue was \$3.50 billion, net income was \$769 million and earnings per share were 62 cents.

Our Analog and Embedded Processing businesses turned in double-digit sequential growth, outpacing their respective markets and again confirming their ability to positively impact our financial performance. As a result, we delivered our highest-ever quarterly operating profit.

Orders were strong in the quarter, backlog increased and we expect to grow revenue again in the third quarter. Our steady investments in production capacity, even through last year’s downturn, are now allowing us to meet higher demand levels from customers and simultaneously reduce lead times, which we believe is not only in the best interest of our customers, but will also help us gain share.

As we continue our transition to an Analog and Embedded Processing company, we believe we can significantly outgrow these markets by offering products that are optimized to the needs of our customers and by putting manufacturing capacity in place before it’s needed.

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

	For Three Months Ended		
	June 30, 2010	June 30, 2009	Mar. 31, 2010
Revenue	\$ 3,496	\$ 2,457	\$ 3,205
Cost of revenue	1,602	1,333	1,516
Gross profit	1,894	1,124	1,689
Research and development (R&D)	392	369	370
Selling, general and administrative (SG&A)	378	327	359
Restructuring expense	17	85	10
Operating profit	1,107	343	950
Other income (expense) net	4	13	7
Income before income taxes	1,111	356	957
Provision for income taxes	342	96	299
Net income	\$ 769	\$ 260	\$ 658
Earnings per common share:			
Basic	\$.63	\$.20	\$.53
Diluted	\$.62	\$.20	\$.52
Average shares outstanding (millions):			
Basic	1,208	1,267	1,233
Diluted	1,221	1,272	1,246
Cash dividends declared per share of common stock	\$.12	\$.11	\$.12
Percentage of revenue:			
Gross profit	54.2%	45.7%	52.7%
R&D	11.2%	15.0%	11.5%
SG&A	10.8%	13.3%	11.2%
Operating profit	31.7%	14.0%	29.7%

Details of financial results

Revenue for the second quarter of 2010 was \$3.50 billion, an increase of \$1.04 billion, or 42 percent, from the year-ago quarter, and \$291 million, or 9 percent from the prior quarter. Revenue in all segments increased over both the year-ago quarter and the prior quarter primarily due to increased shipments across a broad range of products, with particular strength in analog and embedded processing. Also contributing to the increase from the prior quarter was the seasonal increase in calculator sales as retailers prepare for the back-to-school selling season.

Gross profit for the second quarter of 2010 was \$1.89 billion, or 54.2 percent of revenue, an increase of \$770 million, or 69 percent, from the year-ago quarter and \$205 million, or 12 percent, from the prior quarter. The increase in gross profit in both comparisons was primarily due to higher revenue. The comparison with the year-ago quarter also benefited from a \$93 million favorable impact from higher utilization of our fixed-cost manufacturing assets.

Operating expenses for the second quarter of 2010 were \$392 million for R&D and \$378 million for SG&A. R&D expense increased \$23 million, or 6 percent, from the year-ago quarter due to higher compensation-related costs. Compared with the prior quarter, R&D expense increased \$22 million, or 6 percent, primarily due to higher product development costs. SG&A expense increased \$51 million, or 16 percent, from the year-ago quarter, primarily due to higher compensation-related costs, and to a lesser extent, higher sales and marketing costs. Compared with the prior quarter, SG&A expense increased \$19 million, or 5 percent, primarily due to the combination of higher compensation-related costs and, to a lesser extent, higher sales and marketing costs.

Restructuring costs in the second quarter of 2010 were \$17 million compared with \$10 million in the prior quarter, reflecting settlements of U.S. pension plan benefits for employees affected by actions taken in 2008 and 2009. This compares with \$85 million of restructuring costs in the year-ago quarter for severance and benefits costs. All of these actions were completed in 2009 (see Note 2 to the Financial Statements for a detailed discussion of these charges and payments made during the quarter).

For the second quarter of 2010, our operating profit was \$1.11 billion, or 31.7 percent of revenue, compared with \$343 million, or 14.0 percent of revenue, for the year-ago quarter and \$950 million, or 29.7 percent of revenue, for the prior quarter. The increase in both comparisons was due to higher gross profit.

As of June 30, 2010, the estimated annual effective tax rate is expected to be about 31 percent (see Note 3 to the Financial Statements for additional information). The tax rate is based on current tax law and does not assume reinstatement of the federal research tax credit, which expired at the end of 2009.

Quarterly income taxes are calculated using the estimated annual effective tax rate.

For the second quarter of 2010 our tax provision was \$342 million, compared with \$96 million in the year-ago quarter and \$299 million in the prior quarter. The increase in the tax provision from both periods was due to higher income before income taxes.

In the second quarter of 2010, our net income was \$769 million, compared with \$260 million for the year-ago quarter and \$658 million for the prior quarter. Earnings per share were \$0.62, compared with \$0.20 per share for the year-ago quarter and \$0.52 per share for the prior quarter.

Orders in the second quarter were \$3.73 billion, an increase of 33 percent from the year-ago quarter when orders were unusually weak as customers reduced their inventory in response to the slowing global economy. Compared with the prior quarter, orders increased 2 percent.

Segment results

Information regarding the second quarter of 2009 has been restated to reflect the transfer of a low-power wireless product line from our Analog segment to our Wireless segment in the first quarter of 2010. During all of 2009, revenue from this product line was \$68 million, and it operated at a loss of \$17 million.

Analog

	<u>2Q10</u>	<u>2Q09</u>	<u>2Q10</u> <u>vs. 2Q09</u>	<u>1Q10</u>	<u>2Q10</u> <u>vs. 1Q10</u>
Revenue	\$ 1,512	\$ 970	56%	\$ 1,367	11%
Operating profit*	472	103	358%	398	19%
Operating profit % of revenue	31.2%	10.5%		29.1%	
*Includes restructuring expenses of	\$ 7	\$ 34		\$ 4	

Analog revenue increased 56 percent from the year-ago quarter due to increased shipments of, in decreasing order, high-volume analog & logic products, power management products and high-performance analog products. Revenue increased 11 percent from the prior quarter due to higher shipments of, in decreasing order, high-performance analog products, power management products and high-volume analog & logic products. Operating profit increased compared with both the year-ago quarter and the prior quarter due to higher revenue and associated gross profit.

Embedded Processing

	<u>2Q10</u>	<u>2Q09</u>	<u>2Q10</u> <u>vs. 2Q09</u>	<u>1Q10</u>	<u>2Q10</u> <u>vs. 1Q10</u>
Revenue	\$ 516	\$ 350	47%	\$ 440	17%
Operating profit*	115	28	311%	73	58%
Operating profit % of revenue	22.3%	8.1%		16.7%	
*Includes restructuring expenses of	\$ 3	\$ 18		\$ 2	

Embedded Processing revenue increased 47 percent from the year-ago quarter and 17 percent from the prior quarter. These increases were primarily due to increased shipments of catalog products. Shipments of automotive products and communications infrastructure products also increased in each comparison. Operating profit increased compared with both the year-ago quarter and the prior quarter due to higher revenue and associated gross profit.

Wireless

	2Q10	2Q09	2Q10 vs. 2Q09	1Q10	2Q10 vs. 1Q10
Revenue	\$ 727	\$ 614	18%	\$ 717	1%
Operating profit*	165	51	224%	158	4%
Operating profit % of revenue	22.7%	8.3%		22.0%	

*Includes restructuring expenses of \$ 5 \$ 24 \$ 3

Wireless revenue increased 18 percent from the year-ago quarter and was about even with the prior quarter. The increase from the year-ago quarter was primarily due to increased shipments of connectivity products, and to a lesser extent, applications processor products. Baseband revenue for the second quarter of 2010 was \$416 million, an increase of \$6 million, or 1 percent, from the year-ago quarter and a decrease of \$8 million, or 2 percent, compared with the prior quarter. The increase in Wireless operating profit compared with the year-ago quarter was primarily due to higher revenue and associated gross profit, and to a lesser extent, lower restructuring costs and lower operating expenses. Compared with the prior quarter, operating profit increased due to higher revenue and associated gross profit.

Other

	2Q10	2Q09	2Q10 vs. 2Q09	1Q10	2Q10 vs. 1Q10
Revenue	\$ 741	\$ 523	42%	\$ 681	9%
Operating profit*	355	161	120%	321	11%
Operating profit % of revenue	47.9%	31.0%		47.2%	

*Includes restructuring expenses of \$ 2 \$ 9 \$ 1

Other revenue increased 42 percent from the year-ago quarter, primarily due to, in decreasing order, higher shipments of DLP products, higher royalties, and higher shipments of custom ASIC products and calculators. Compared with the prior quarter, revenue increased 9 percent due to increased shipments of calculators, partially offset by lower royalties. Calculator shipments increased seasonally as retailers prepare for the back-to-school selling season. Operating profit for the second quarter of 2010 increased from both the year-ago quarter and the prior quarter due to higher revenue and associated gross profit.

First six months of 2010 results

For the first six months of 2010, we report the following:

Revenue was \$6.70 billion, an increase of \$2.16 billion, or 48 percent, compared with the year-ago period due to increased shipments across a broad range of products. Every segment experienced double-digit revenue growth.

Gross profit was \$3.58 billion, an increase of \$1.65 billion, or 86 percent, from the year-ago period primarily due to higher revenue, and to a lesser extent, the impact of improved factory utilization. Improved factory utilization increased our gross profit by \$267 million from the year-ago period. Gross profit margin was 53.5 percent of revenue compared with 42.5 percent in the year-ago period.

R&D expense of \$761 million was about even with the year-ago period as higher compensation-related costs were partially offset by lower Wireless product development costs. R&D expense as a percent of revenue was 11.4 percent, compared with 16.6 percent in the year-ago period.

SG&A expense was \$737 million, an increase of 17 percent from the year-ago period, primarily due to higher compensation-related costs, and to a lesser extent, higher sales and marketing costs. SG&A expense as a percent of revenue was 11.0 percent, compared with 13.9 percent in the year-ago period.

Restructuring expenses were \$28 million compared to \$190 million for the year-ago period.

Operating profit was \$2.06 billion, or 30.7 percent of revenue, compared with \$353 million, or 7.8 percent of revenue, in the year-ago period. The increase was due to higher gross profit, and to a lesser extent, lower restructuring expenses.

The tax provision was \$641 million, compared with \$95 million in the year-ago period. The increase was due to higher income before income taxes.

Net income was \$1.43 billion, compared with \$277 million in the year-ago period. Earnings per share were \$1.14 per share, compared with \$0.22 per share in the year-ago period.

Orders were \$7.37 billion, an increase of 48 percent from the year-ago period.

Segment results

Information regarding 2009 has been restated to reflect the transfer of a low-power wireless product line from our Analog segment to our Wireless segment in the first quarter of 2010. During 2009, revenue from this product line was \$68 million, and it operated at a loss of \$17 million.

Analog

	YTD 2010	YTD 2009	YTD 2010 vs. YTD 2009
Revenue	\$ 2,880	\$ 1,772	63%
Operating profit*	871	77	1,031%
Operating profit % of revenue	30.2%	4.3%	
*Includes restructuring expenses of	\$ 11	\$ 74	

Analog revenue increased 63 percent from the year-ago period, due to increased shipments of, in decreasing order, high-volume analog & logic products, power management products and high-performance analog products. For the first six months of 2010, operating profit increased compared to the year-ago period due to higher revenue and associated gross profit.

Embedded Processing

	YTD 2010	YTD 2009	YTD 2010 vs. YTD 2009
Revenue	\$ 956	\$ 666	44%
Operating profit*	188	30	527%
Operating profit % of revenue	19.7%	4.5%	
*Includes restructuring expenses of	\$ 5	\$ 37	

Embedded Processing revenue increased 44 percent from the year-ago period, primarily due to increased shipments of catalog products. Compared to the year ago-period, operating profit increased 527 percent due to higher revenue and associated gross profit.

Wireless

	YTD 2010	YTD 2009	YTD 2010 vs. YTD 2009
Revenue	\$ 1,444	\$ 1,177	23%
Operating profit*	322	28	1,050%
Operating profit % of revenue	22.3%	2.4%	
*Includes restructuring expenses of	\$ 8	\$ 58	

Wireless revenue increased 23 percent from the year-ago period primarily due to increased shipments of connectivity products, and to a lesser extent, applications processor products. Shipments of baseband products declined, but baseband revenue of \$840 million increased 4 percent from a year ago, as we shipped a greater proportion of higher-priced products. Compared with the year-ago period, operating profit increased due to higher revenue and associated gross profit.

Other

	YTD 2010	YTD 2009	YTD 2010 vs. YTD 2009
Revenue	\$ 1,421	\$ 927	53%
Operating profit*	676	218	210%
Operating profit % of revenue	47.5%	23.5%	
*Includes restructuring expenses of	\$ 4	\$ 21	

Other revenue increased 53 percent from the year-ago period due to, in decreasing order, higher shipments of DLP products, higher royalties and higher shipments of custom ASIC products and calculators. Operating profit was higher than the year-ago period due to higher revenue and associated gross profit.

Financial condition

At the end of the second quarter of 2010, total cash (cash and cash equivalents plus short-term investments) was \$2.30 billion. This was \$620 million lower than at the end of 2009.

Accounts receivable were \$1.72 billion at the end of the quarter. This was an increase of \$438 million from the end of 2009. Days sales outstanding were 44 at the end of the quarter compared with 38 at the end of 2009. The increase in accounts receivable was primarily the result of seasonally lower shipments in December, and to a lesser extent, higher revenue at the end of the second quarter.

Inventory was \$1.35 billion at the end of the quarter. This was an increase of \$147 million from the end of 2009. Days of inventory at the end of the second quarter were 76, unchanged from the end of 2009.

Liquidity and capital resources

Our sources of liquidity are our cash flows from operations, cash and cash equivalents, short-term investments and revolving credit facilities. Our primary source of liquidity is cash flow from operations. Cash flow from operations for the first six months of 2010 was \$1.27 billion, an increase of \$464 million from the year-ago period due to the increase in net income, which were partially offset by changes in working capital.

We have \$1.14 billion of cash and cash equivalents and \$1.17 billion of short-term investments as of June 30, 2010. We have a multi-year \$1 billion revolving credit facility. We also have a non-U.S. revolving credit facility of \$175 million that expires in November 2010. As of June 30, 2010, these credit facilities were not being utilized.

For the first six months of 2010, investing activities provided cash of \$153 million, compared with \$505 million in the year-ago period. Capital expenditures in the first six months of 2010 totaled \$502 million. This was an increase of \$411 million from a year ago due to increased expenditures for both assembly/test manufacturing equipment and analog wafer manufacturing equipment. Net sales and maturities of short-term investments provided cash of \$589 million in the first six months of 2010, compared with \$710 million in the same period a year ago. In addition, in the year-ago period we used \$155 million for acquisitions.

For the first six months of 2010, net cash used in financing activities was \$1.47 billion, compared with \$594 million in the year-ago period. We used \$1.25 billion of cash in the first half of 2010 to repurchase 50 million shares of our common stock and paid dividends of \$296 million. In the same period last year we used \$351 million of cash to repurchase 20 million shares of common stock and paid \$280 million in dividends.

In 2010, we expect: an annual effective tax rate of about 31 percent; R&D expense of \$1.5 billion; capital expenditures of \$1.2 billion; and depreciation of \$0.9 billion. The tax rate is based on current tax law and does not assume reinstatement of the federal research tax credit, which expired at the end of 2009.

We believe we have the necessary financial resources to fund our working capital needs, capital expenditures, dividend payments and other business requirements for at least the next 12 months.

Changes in accounting standards

See Note 1 to the Financial Statements for detailed information regarding the status of new accounting standards that are not yet effective for us.

ITEM 3. Quantitative and Qualitative Disclosures About Market Risk.

Information concerning market risk is contained on page 45 of Exhibit 13 to our Form 10-K for the year ended December 31, 2009, and is incorporated by reference to such exhibit.

ITEM 4. Controls and Procedures.

An evaluation as of the end of the period covered by this report was carried out under the supervision and with the participation of management, including our Chief Executive Officer and Chief Financial Officer, of the effectiveness of the design and operation of our disclosure controls and procedures (as defined in Rules 13a-15(e) and 15d-15(e) under the Securities Exchange Act of 1934). Based upon that evaluation, the Chief Executive Officer and Chief Financial Officer concluded that those disclosure controls and procedures were effective. In addition, there has been no change in our internal control over financial reporting (as defined in Rule 13a-15(f) and 15d-15(f) under the Securities Exchange Act of 1934) that occurred during the period covered by this report that has materially affected, or is reasonably likely to materially affect, our internal control over financial reporting.

PART II – OTHER INFORMATION

ITEM 2. Unregistered Sales of Equity Securities and Use of Proceeds.

The following table contains information regarding our purchases of our common stock during the quarter.

ISSUER PURCHASES OF EQUITY SECURITIES

Period	Total Number of Shares Purchased	Average Price Paid per Share	Total Number of Shares Purchased as Part of Publicly Announced Plans or Programs⁽¹⁾	Approximate Dollar Value of Shares that May Yet Be Purchased Under the Plans or Programs⁽¹⁾
April 1 through April 30, 2010	2,788,255	\$ 26.58	2,788,255	\$ 2,021 million
May 1 through May 31, 2010	26,896,463	\$ 25.13	26,896,463	\$ 1,345 million
June 1 through June 30, 2010	0	n/a	0	\$ 1,345 million
Total	29,684,718	\$ 25.27	29,684,718⁽²⁾	\$ 1,345 million

(1) All purchases during the quarter were made under an authorization to purchase up to \$5 billion of additional shares of TI common stock, which was announced on September 21, 2007. No expiration date has been specified for this authorization.

(2) All purchases in the period were made through open-market purchases.

ITEM 6. Exhibits.

Designation of Exhibits in

This Report	Description of Exhibit
31.1	Certification of Chief Executive Officer of Periodic Report Pursuant to Rule 13a-15(e) or Rule 15d-15(e).
31.2	Certification of Chief Financial Officer of Periodic Report Pursuant to Rule 13a-15(e) or Rule 15d-15(e).
32.1	Certification by Chief Executive Officer of Periodic Report Pursuant to 18 U.S.C. Section 1350.
32.2	Certification by Chief Financial Officer of Periodic Report Pursuant to 18 U.S.C. Section 1350.
101.ins	Instance Document*
101.def	XBRL Taxonomy Extension Definition Linkbase Document*
101.sch	XBRL Taxonomy Extension Schema Document *
101.cal	XBRL Taxonomy Extension Calculation Linkbase Document *
101.lab	XBRL Taxonomy Extension Label Linkbase Document *
101.pre	XBRL Taxonomy Extension Presentation Linkbase Document *

* To be furnished in an amendment to this Form 10-Q to be filed by August 20, 2010, as permitted by Rule 405 of Regulation S-T.

“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 herein that describe our 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 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;
- Changes in laws and regulations to which TI or its suppliers are or may become subject, such as those imposing fees or reporting or substitution costs relating to the discharge of emissions into the environment or the use of certain raw materials in our manufacturing processes;
- 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;
- The ability of TI and its customers and suppliers to access their bank accounts and lines of credit or otherwise access the capital markets;
- Impairments of our non-financial assets;
- 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 Risk Factors discussion in Item 1A of our most recent Form 10-K. The forward-looking statements included in this quarterly report on Form 10-Q are made only as of the date of this report, and we undertake no obligation to update the forward-looking statements to reflect subsequent events or circumstances.

SIGNATURE

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, thereunto duly authorized.

TEXAS INSTRUMENTS INCORPORATED

BY: /s/ Kevin P. March

Kevin P. March
Senior Vice President and
Chief Financial Officer

Date: July __, 2010

CERTIFICATION

I, Richard K. Templeton, certify that:

1. I have reviewed this quarterly report on Form 10-Q of Texas Instruments Incorporated;

2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;

3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;

4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:

a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;

b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;

c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and

d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and

5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of registrant's board of directors (or persons performing the equivalent function):

a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and

b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: July __, 2010

/s/ Richard K. Templeton

Richard K. Templeton
Chairman, President and
Chief Executive Officer

CERTIFICATION

I, Kevin P. March, certify that:

1. I have reviewed this quarterly report on Form 10-Q of Texas Instruments Incorporated;

2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;

3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;

4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:

a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;

b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;

c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and

d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and

5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of registrant's board of directors (or persons performing the equivalent function):

a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and

b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: July __, 2010

/s/ Kevin P. March

Kevin P. March
Senior Vice President and
Chief Financial Officer

Certification of Periodic Report
Pursuant to 18 U.S.C. Section 1350

For purposes of 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, the undersigned, Richard K. Templeton, the Chairman, President and Chief Executive Officer of Texas Instruments Incorporated (the "Company"), hereby certifies that, to his knowledge:

(i) the Quarterly Report on Form 10-Q of the Company for the quarter ended June 30, 2010, as filed with the Securities and Exchange Commission on the date hereof (the "Report") fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and

(ii) the information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Date: July __, 2010

/s/ Richard K. Templeton

Richard K. Templeton
Chairman, President and
Chief Executive Officer

Certification of Periodic Report
Pursuant to 18 U.S.C. Section 1350

For purposes of 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, the undersigned, Kevin P. March, Senior Vice President and Chief Financial Officer of Texas Instruments Incorporated (the "Company"), hereby certifies that, to his knowledge:

(i) the Quarterly Report on Form 10-Q of the Company for the quarter ended June 30, 2010, as filed with the Securities and Exchange Commission on the date hereof (the "Report") fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and

(ii) the information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Date: July __, 2010

/s/ Kevin P. March

Kevin P. March
Senior Vice President and
Chief Financial Officer
