

TEXAS INSTRUMENTS INC  
 Form 3  
 January 29, 2007

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,  
 Section 17(a) of the Public Utility Holding Company Act of 1935 or Section  
 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person * Â DELAGI R GREGORY (Last) (First) (Middle)  12500 TI BOULEVARD (Street)  DALLAS, Â TX Â 75243 (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 01/18/2007	3. Issuer Name and Ticker or Trading Symbol TEXAS INSTRUMENTS INC [TXN]	4. Relationship of Reporting Person(s) to Issuer  (Check all applicable) <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer <input type="checkbox"/> Other (give title below) (specify below) SR. VICE PRESIDENT	5. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person
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**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	146,372 <sup>(1)</sup>	D	Â
Common Stock	8 <sup>(2)</sup>	I	By Son
Common Stock	3,686.17 <sup>(3)</sup>	I	By Trust--PS
Common Stock	6,676.94 <sup>(4)</sup>	I	By Trust--TI 401(k)

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. SEC 1473 (7-02)

**Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.**

**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date	3. Title and Amount of Securities Underlying	4. Conversion	5. Ownership	6. Nature of Indirect Beneficial
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	(Month/Day/Year)		Derivative Security (Instr. 4)		or Exercise Price of Derivative Security	Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Contractual Stock Interest	Â <u>(5)</u>	Â <u>(5)</u>	Common Stock	1,538.26	\$ 0	D	Â
NQ Stock Option (right to buy)	Â <u>(6)</u>	01/15/2013	Common Stock	125,000	\$ 16.11	D	Â
NQ Stock Option (right to buy)	Â <u>(7)</u>	02/20/2013	Common Stock	125,000	\$ 16.25	D	Â
NQ Stock Option (right to buy)	Â <u>(8)</u>	01/20/2015	Common Stock	75,000	\$ 21.55	D	Â
NQ Stock Option (right to buy)	Â <u>(9)</u>	01/16/2012	Common Stock	125,000	\$ 26.5	D	Â
NQ Stock Option (right to buy)	Â <u>(10)</u>	01/18/2017	Common Stock	80,000	\$ 28.32	D	Â
NQ Stock Option (right to buy)	Â <u>(11)</u>	02/21/2012	Common Stock	100	\$ 29.19	D	Â
NQ Stock Option (right to buy)	Â <u>(12)</u>	11/29/2011	Common Stock	31,650	\$ 31.3	D	Â
NQ Stock Option (right to buy)	Â <u>(13)</u>	01/14/2014	Common Stock	100,000	\$ 32.39	D	Â
NQ Stock Option (right to buy)	Â <u>(14)</u>	01/19/2016	Common Stock	75,000	\$ 32.55	D	Â
NQ Stock Option (right to buy)	Â <u>(15)</u>	01/17/2011	Common Stock	50,000	\$ 50.38	D	Â
NQ Stock Option (right to buy)	Â <u>(16)</u>	01/19/2010	Common Stock	60,000	\$ 55.22	D	Â

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
DELAGI R GREGORY 12500 TI BOULEVARD DALLAS, TX 75243	Â	Â	Â SR. VICE PRESIDENT	Â

## Signatures

CYNTHIA H. HAYNES, ATTORNEY IN FACT  
01/29/2007

\*\*Signature of Reporting Person

Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, *see* Instruction 5(b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (6) The option becomes exercisable in four equal annual installments beginning on January 15, 2004.
- (8) The option becomes exercisable in four equal annual installments beginning on January 20, 2006.
- (13) The option becomes exercisable in four equal annual installments beginning on January 14, 2005.
- (15) The option becomes exercisable in four equal annual installments beginning on January 17, 2002.
- (9) The option becomes exercisable in four equal annual installments beginning on January 16, 2003.
- (14) The option becomes exercisable in four equal annual installments beginning on January 19, 2007.
- (11) The option became 100% exercisable on February 21, 2003.
- (12) The option becomes exercisable in four equal annual installments beginning on November 29, 2002.  
Estimated share interest attributable to TI Benefit Restoration and Deferred Compensation account as of 1-18-2007. [Interests in this account are denominated in units. Consequently, share interest amount shown is an estimate.] Share interest to be settled in cash upon the reporting person's termination of service from Issuer.
- (5) The option becomes exercisable in three annual installments beginning on February 20, 2005.
- (16) The option becomes exercisable in four equal annual installments beginning on January 19, 2001.
- (1) Includes 142,500 shares subject to terms of restricted stock units awarded under the 2000 Long-Term Incentive Plan.
- (2) Beneficial ownership by reporting person disclaimed.
- (3) Estimated shares attributable to TI Universal Profit Sharing account as of 1-18-2007. (Interests in this account are denominated in units. Consequently, share amount shown is an estimate.)
- (4) Estimated shares attributable to TI 401(k) Account as of 1-18-2007. (Interests in this account are denominated in units. Consequently, share amount shown is an estimate.)
- (10) The option becomes exercisable in four equal annual installments beginning on January 18, 2008.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.