

TEXAS INSTRUMENTS INC
 Form 4
 August 10, 2007

FORM 4

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN 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 *
WEST TERESA L

2. Issuer Name and Ticker or Trading Symbol
TEXAS INSTRUMENTS INC [TXN]

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)

(Last) (First) (Middle)
12500 TI BOULEVARD
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
08/10/2007

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
SR. VICE PRESIDENT

DALLAS, TX 75243
 (City) (State) (Zip)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|---|
| | | | | Code V Amount (A) or (D) Price | | | |
| Common Stock | 08/10/2007 | | S | 2,100 D \$ 33.47 | 125,664 | D | |
| Common Stock | 08/10/2007 | | S | 2,700 D \$ 33.48 | 122,964 | D | |
| Common Stock | 08/10/2007 | | S | 1,600 D \$ 33.49 | 121,364 | D | |
| Common Stock | 08/10/2007 | | S | 14,300 D \$ 33.5 | 107,064 | D | |
| Common Stock | 08/10/2007 | | S | 5,400 D \$ 33.51 | 101,664 | D | |

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| | | | | | | | | | |
|--------------|------------|--|---|--------|---|----------|-------------------------|---|----------------------|
| Common Stock | 08/10/2007 | | S | 12,900 | D | \$ 33.52 | 88,764 | D | |
| Common Stock | 08/10/2007 | | S | 10,000 | D | \$ 33.53 | 78,764 | D | |
| Common Stock | 08/10/2007 | | S | 7,600 | D | \$ 33.55 | 71,164 | D | |
| Common Stock | 08/10/2007 | | S | 2,100 | D | \$ 33.56 | 69,064 | D | |
| Common Stock | 08/10/2007 | | S | 5,000 | D | \$ 33.57 | 64,064 | D | |
| Common Stock | 08/10/2007 | | S | 5,000 | D | \$ 33.59 | 59,064 | D | |
| Common Stock | | | | | | | 1,400 ⁽¹⁾ | I | By Self for Children |
| Common Stock | | | | | | | 211.82 ⁽²⁾ | I | By Trust--401(k) |
| Common Stock | | | | | | | 5,729.97 ⁽³⁾ | I | By Trust--PS |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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.

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(9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Number of Derivative Securities Beneficially Owned Following Reported Transaction (Instr. 3) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|---|
| | | | | Code | V (A) (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|--------------------|-------|
| | Director | 10% Owner | Officer | Other |
| WEST TERESA L 12500 TI BOULEVARD DALLAS, TX 75243 | | | SR. VICE PRESIDENT | |

Signatures

| | |
|-----------------------------------|------------|
| DANIEL M. DRORY, ATTORNEY IN FACT | 08/10/2007 |
|-----------------------------------|------------|

__Signature of Reporting Person

Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, *see* Instruction 4(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).
Estimated shares attributable to TI Universal Profit Sharing Account as of 6-30-07. (Interests in this account are denominated in units. (3) Consequently, share amount shown is an estimate.) This statement does not include changes in beneficial ownership of shares held in such account occurring after 6-30-07 that are eligible for deferred reporting on Form 5.
- (1) Held by custodian for account of minors.
Estimated shares attributable to TI 401(k) Account as of 6-30-07. (Interests in this account are denominated in units. Consequently, share (2) amount shown is an estimate.) This statement does not include changes in beneficial ownership of shares held in this account occurring after 6-30-07 that are eligible for deferred reporting on Form 5.

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.