

SANDERS WAYNE R
 Form 5
 February 13, 2007

FORM 5

**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).
 Form 3 Holdings Reported Form 4 Transactions Reported

ANNUAL 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

1. Name and Address of Reporting Person *
 SANDERS WAYNE R

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)

3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year)
 12/31/2006

Director 10% Owner
 Officer (give title below) Other (specify below)

12500 TI BOULEVARD

(Street)

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

6. Individual or Joint/Group Reporting

(check applicable line)

DALLAS, TX 75243

Form Filed by One Reporting Person
 Form Filed by More than One Reporting Person

(City) (State) (Zip)

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 at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
Common Stock				(A) or (D) Price	15,200	D	

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

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

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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 Underlying Securities (Instr. 3 and 4)
					(A) (D)	Date Exercisable Expiration Date	Title	Amount or Number of Shares
Stock Units	\$ 1 ⁽¹⁾	02/13/2006	Â	J ⁽²⁾	1.26 Â	Â ⁽³⁾ Â ⁽³⁾	Common Stock	1.26 \$ 3
Stock Units	\$ 1 ⁽¹⁾	05/22/2006	Â	J ⁽²⁾	1.23 Â	Â ⁽³⁾ Â ⁽³⁾	Common Stock	1.23 \$ 3
Stock Units	\$ 1 ⁽¹⁾	08/21/2006	Â	J ⁽²⁾	1.19 Â	Â ⁽³⁾ Â ⁽³⁾	Common Stock	1.19 \$ 3
Stock Units	\$ 1 ⁽¹⁾	11/20/2006	Â	J ⁽²⁾	1.73 Â	Â ⁽³⁾ Â ⁽³⁾	Common Stock	1.73 \$ 3

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
SANDERS WAYNE R 12500 TI BOULEVARD DALLAS, TX 75243	X	Â	Â	Â

Signatures

DANIEL M. DRORY, ATTORNEY IN FACT 02/13/2007

**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).
- (3) Stock units credited under the Texas Instruments 2003 Director Compensation Plan, to be settled in common stock of the Issuer following the reporting person's termination of service as a director of the Issuer.
- (2) Shares acquired through Issuer's broad-based Dividend Reinvestment Plan.
- (1) Security converts to common stock on a one-for-one basis.

Note: File three copies of this Form, one of which must be manually signed. If space provided 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.