

TEXAS INSTRUMENTS INC  
 Form 5  
 February 14, 2005

# FORM 5

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

OMB APPROVAL

OMB Number: 3235-0362  
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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 \*  
 ADAMS JAMES 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)  
 12/31/2004

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)	(A) or (D)	Price	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 Indirect Beneficial Ownership (Instr. 4)
Common Stock	^	^	^	^	^	^	179,396.17	D	^
Common Stock	^	^	^	^	^	^	4,800 <sup>(1)</sup>	I	By Son
Common Stock	^	^	^	^	^	^	8,000 <sup>(2)</sup>	I	By Trust
Common Stock	^	^	^	^	^	^	2,976.61 <sup>(3)</sup>	I	By Trust--401(k)

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Common Stock                                                                                                                                        455.91 <sup>(4)</sup>    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.**                      SEC 2270 (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. of D Se B O E Is Fi (I
					(A) (D)	Date Exercisable (A)    Expiration Date (D)	Title	Amount or Number of Shares	

### Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
ADAMS JAMES R 12500 TI BOULEVARD DALLAS, TX 75243	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### Signatures

CYNTHIA H. HAYNES, ATTORNEY IN FACT                      02/14/2005  
 \*\*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).
- (1) Beneficial ownership by reporting person disclaimed.
- (2) Shares held in trust for the benefit of family members of which reporting person is trustee. Beneficial ownership by reporting person disclaimed.
- (3) Estimated shares attributable to TI 401(k) account as of 12-31-04. (Interests in this account are denominated in units. Consequently, share amount shown is an estimate.)
- (4) Estimated shares attributable to TI Universal Profit Sharing account as of 12-31-04. (Interests in this account are denominated in units. Consequently, share amount shown is an estimate.)

Note: File three copies of this Form, one of which must be manually signed. If space provided is insufficient, see Instruction 6 for procedure.

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