TEXAS INSTRUMENTS INC

Form 4

February 18, 2005

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

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if no longer subject to Section 16. Form 4 or Form 5

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obligations may continue.

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

See Instruction 1(b).

(Print or Type Responses)

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) 12500 TI BO	(First) ULEVARD	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 02/18/2005	X Director 10% Owner Officer (give title Other (specify below)
DALLAS, TX	(Street)		4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person
(City)	(State)	(Zip)	Table I - Non-Derivative Securities Acc	quired, Disposed of, or Beneficially Owne

(City)	(State)	Tab	le I - Non-	Derivative	Securities A	acquired, Dispos	ed of, or Bene	ficially Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. SecurionAcquired Disposed (Instr. 3,	(A) or of (D)	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)
Stock						179,396.17	D	
Common Stock						4,800 (1)	I	By Son
Common Stock						8,000 (2)	I	By Trust
Common Stock						2,976.61 (3)	I	By Trust401(k)
Common Stock						455.91 (4)	I	By TrustPS

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

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SEC 1474 (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. Transacti Code (Instr. 8)	5. Number of orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	Derivative Expiration Date Securities (Month/Day/Year) Acquired (A) or Disposed of (D) Instr. 3, 4,		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. Pr Deriv Secu (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Stock Units	\$ 1 <u>(5)</u>	02/18/2005		A	258.07	<u>(6)</u>	<u>(6)</u>	Common Stock	258.07	\$ 2

Reporting Owners

Reporting Owner Name / Address	Relationships						
• 0	Director	10% Owner	Officer	Other			
ADAMS JAMES R							
12500 TI BOULEVARD	X						
DALLAS, TX 75243							

Signatures

CYNTHIA H. HAYNES, ATTORNEY IN 02/18/2005 **FACT**

> **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).
- Shares held in trust for the benefit of family members of which reporting person is trustee. Beneficial ownership by reporting person **(2)** disclaimed.
- Stock units credited under the Texas Instruments 2003 Director Compensation Plan, to be settled in common stock of the Issuer following (6) the reporting person's termination of service as a director of the Issuer. End-of-period holdings include stock units acquired pursuant to the dividend reinvestment provision of the Plan.
- (1) Beneficial ownership by reporting person disclaimed.
 - Estimated shares attributable to TI 401(k) Account as of 12-31-04. (Interests in this account are denominated in units. Consequently,
- (3) share amount shown is an estimate.) This statement does not include changes in beneficial ownership of shares held in this account occurring after 12-31-04 that are eligible for deferred reporting on Form 5.

Reporting Owners 2

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- Estimated shares attributable to TI Universal Profit Sharing account as of 12-31-04. (Interests in this account are denominated in units.
- (4) Consequently, share amount shown is an estimate.) This statement does not include changes in beneficial ownership of shares held in such account occurring after 12-31-04 that are eligible for deferred reporting on Form 5.
- (5) 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 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.