STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

30(h) of the Investment Company Act of 1940

2. Issuer Name and Ticker or Trading

#### TEXAS INSTRUMENTS INC

Form 4

September 24, 2007

# FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

OMB APPROVAL

OMB Number: 3235-0287

Expires: January 31, 2005

Estimated average burden hours per response... 0.5

5. Relationship of Reporting Person(s) to

Issuer

Check this box if no longer subject to

Section 16. Form 4 or Form 5 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

Symbol

1(b).

Stock

(Print or Type Responses)

ADAMS JAMES R

1. Name and Address of Reporting Person \*

See Instruction

				TEXAS INSTRUMENTS INC [TXN]			(Check all applicable)			
(Last) (First) (12500 TI BOULEVARD			(Middle) 3. Date of Earliest Transaction (Month/Day/Year) 09/21/2007			X Director 10% Owner Officer (give title below) Other (specify below)				
(Street)  DALLAS, TX 75243				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 Acquired, Disposed of, or Beneficially Owned								ficially Owned		
	1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)		Date, if	3. Transactio Code (Instr. 8)	Disposed (Instr. 3,	l (A) or l 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)
	Common Stock							1,450 (1)	I	By Partnership
	Common Stock							271,550 <u>(2)</u>	I	By Trust
	Common Stock							2,994.75 (3)	I	By Trust401(k)
	Common Stock							459.75 <u>(4)</u>	I	By TrustPS

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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 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)	Expiration I (Month/Day	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Stock Units	\$ 1 <u>(5)</u>	09/21/2007		A	186.36	(6)	<u>(6)</u>	Common Stock	186.36	\$ 3

## **Reporting Owners**

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			

ADAMS JAMES R 12500 TI BOULEVARD X DALLAS, TX 75243

### **Signatures**

DANIEL M. DRORY, ATTORNEY IN 09/24/2007 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).
- (2) Shares held in trust for the benefit of family members of which reporting person is trustee. Beneficial ownership by reporting person disclaimed.
- (1) Shares held by family limited partnership of which the reporting person is a general partner. Reporting person disclaims beneficial ownership except to the extent of his pecuniary interest in the partnership.
- 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.
- (4) Estimated shares attributable to TI Universal Profit Sharing Account as of 6-30-07. (Interests in this account are denominated in units. Consequently, share amount shown is an estimate.) This statement does not include changes in beneficial ownership of shares held in

Reporting Owners 2

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such account occurring after 6-30-07 that are eligible for deferred reporting on Form 5.

- Estimated shares attributable to TI 401(k) Account as of 6-30-07. (Interests in this account are denominated in units. Consequently, share 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.
- (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.