

TEXAS INSTRUMENTS INC  
 Form 4  
 July 24, 2007

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
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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 \*  
 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)  
 12500 TI BOULEVARD  
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)  
 07/20/2007

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

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 Ownership (Instr. 4)
				(A) or (D)	Price		
Common Stock					312,911	D	
Common Stock					145,000 <sup>(1)</sup>	I	By Partnership
Common Stock					128,000 <sup>(2)</sup>	I	By Trust
Common Stock					2,994.75 <sup>(3)</sup>	I	By Trust--401(k)
Common Stock					459.75 <sup>(4)</sup>	I	By Trust--PS



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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.