#### TEXAS INSTRUMENTS INC

Form 4

August 10, 2007

# FORM 4

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

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES** 

January 31, Expires: 2005 Estimated average

0.5

**OMB APPROVAL** 

Form 4 or Form 5 obligations may continue. See Instruction

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

burden hours per response...

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * WEST TERESA L			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 BOU	(First)  JLEVARD	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 08/10/2007	Director 10% Owner Other (specify below) SR. VICE PRESIDENT
	(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
DALLAS, TX	75243			Form filed by More than One Reporting Person

(City)	(State)	(Zip)	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Own
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(City)	(State)	${\bf (Zip)} \qquad \qquad {\bf Table~I-Non-Derivative~Securities~Acquired, Disposed~of, or~Beneficially~Owned}$								
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	Code (Instr. 8)	4. Securition(A) or Dis (Instr. 3, 4	sposed 4 and 5 (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)	
Common Stock	08/10/2007		Code V M	Amount 60,000	(D)	Price \$ 16.11	138,974	D		
Common Stock	08/10/2007		M	60,000	A	\$ 24.9	198,974	D		
Common Stock	08/10/2007		S	100	D	\$ 33.03	198,874	D		
Common Stock	08/10/2007		S	500	D	\$ 33.04	198,374	D		
Common Stock	08/10/2007		S	2,100	D	\$ 33.06	196,274	D		

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Common Stock	08/10/2007	;	S	3,200	D	\$ 33.1	193,074	D
Common Stock	08/10/2007	;	S	5,000	D	\$ 33.11	188,074	D
Common Stock	08/10/2007	;	S	200	D	\$ 33.12	187,874	D
Common Stock	08/10/2007	;	S	500	D	\$ 33.13	187,374	D
Common Stock	08/10/2007	;	S	5,000	D	\$ 33.16	182,374	D
Common Stock	08/10/2007	;	S	2,400	D	\$ 33.2	179,974	D
Common Stock	08/10/2007	;	S	1,500	D	\$ 33.21	178,474	D
Common Stock	08/10/2007	;	S	2,600	D	\$ 33.23	175,874	D
Common Stock	08/10/2007	;	S	1,800	D	\$ 33.24	174,074	D
Common Stock	08/10/2007	;	S	5,000	D	\$ 33.26	169,074	D
Common Stock	08/10/2007	;	S	4,700	D	\$ 33.27	164,374	D
Common Stock	08/10/2007	;	S	5,110	D	\$ 33.35	159,264	D
Common Stock	08/10/2007	;	S	200	D	\$ 33.36	159,064	D
Common Stock	08/10/2007	;	S	1,800	D	\$ 33.38	157,264	D
Common Stock	08/10/2007	;	S	3,000	D	\$ 33.39	154,264	D
Common Stock	08/10/2007	;	S	5,200	D	\$ 33.4	149,064	D
Common Stock	08/10/2007	;	S	7,100	D	\$ 33.41	141,964	D
Common Stock	08/10/2007	;	S	2,900	D	\$ 33.42	139,064	D
Common Stock	08/10/2007	:	S	400	D	\$ 33.43	138,664	D
Common Stock	08/10/2007	;	S	2,800	D	\$ 33.44	135,864	D
	08/10/2007		S	300	D		135,564	D

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Common Stock					\$ 33.45			
Common Stock	08/10/2007	S	7,800	D	\$ 33.46	127,764	D	
Common Stock						1,400 (1)	I	By Self for Children
Common Stock						211.82 (2)	I	By Trust401(k)
Common Stock						5,729.97 (3)	I	By TrustPS

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. Transactic Code (Instr. 8)	5. Number of orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exer Expiration D (Month/Day	ate	7. Title and Underlying Standard (Instr. 3 and	Securit
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amo or Num of Sh
Non-Qualified Stock Option [right to buy]	\$ 24.9	08/10/2007		M	60,000	<u>(4)</u>	01/20/2009	Common Stock	60,0
NQ Stock Option (right to buy)	\$ 16.11	08/10/2007		M	60,000	(5)	01/15/2013	Common Stock	60,0

# **Reporting Owners**

Reporting Owner Name / Address	Relationships						
Toposonig o mior stante / stantess	Director	10% Owner	Officer	Other			
WEST TERESA L							
12500 TI BOULEVARD			SR. VICE PRESIDENT				
DALLAS, TX 75243							

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## **Signatures**

DANIEL M. DRORY, ATTORNEY IN FACT

08/10/2007

\*\*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).
- (5) The option becomes exercisable in four equal annual installments beginning on January 15, 2004.
  - Estimated shares attributable to TI Universal Profit Sharing Account as of 6-30-07. (Interests in this account are denominated in units.
- (3) Consequently, share amount shown is an estimate.) This statement does not include changes in beneficial ownership of shares held in such account occurring after 6-30-07 that are eligible for deferred reporting on Form 5.
- (1) Held by custodian for account of minors.
  - Estimated shares attributable to TI 401(k) Account as of 6-30-07. (Interests in this account are denominated in units. Consequently, share
- (2) 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.
- (4) The option becomes exercisable in four equal annual installments beginning on January 20, 2000.

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.

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