WEST TERESA L

Form 4

February 01, 2007

FORM 4

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

OMB Number: 3235-0287

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OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005
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0.5

Section 16. 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

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)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 01/31/2007	Director 10% Owner X Officer (give title 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) Tal	ole I - Non-	Derivativ	e Seci	urities Ac	quired, Dispose	d of, or Benef	icially 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)	(Instr. 3,	ispose 4 and (A) or	d of (D) 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 Indirect Beneficial Ownership (Instr. 4)
Common Stock	01/31/2007		Code V S	Amount 250	(D)	Price \$ 30.75	83,419	D	
Common Stock	01/31/2007		S	125	D	\$ 30.8	83,294	D	
Common Stock	01/31/2007		S	125	D	\$ 30.83	83,169	D	
Common Stock	01/31/2007		F(1)	3,445	D	\$ 30.84	79,724	D	
Common Stock	01/31/2007		S	125	D	\$ 30.86	79,599	D	

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Common Stock	01/31/2007	S	125	D	\$ 30.87	79,474	D	
Common Stock	01/31/2007	S	125	D	\$ 30.88	79,349	D	
Common Stock	01/31/2007	S	125	D	\$ 30.92	79,224	D	
Common Stock	01/31/2007	S	125	D	\$ 30.94	79,099	D	
Common Stock	01/31/2007	S	125	D	\$ 30.98	78,974	D	
Common Stock						1,400 (2)	I	By Self for Children
Common Stock						211.63 (3)	I	By Trust401(k)
Common Stock						5,726.45 <u>(4)</u>	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)

> 9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	isable and	7. Titl	e and	8. Price of	9
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	orNumber	Expiration Da	ate	Amou	nt of	Derivative	J
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	,
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securi	ities	(Instr. 5)]
	Derivative				Securities			(Instr.	3 and 4)		(
	Security				Acquired						J
					(A) or						J
					Disposed						-
					of (D)						(
					(Instr. 3,						
					4, and 5)						
									A		
									Amount		
						Date	Expiration	TC:41	or		
						Exercisable	Date	Title	Number		
				C 1 W	(A) (D)				of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Reporting Owners 2

WEST TERESA L 12500 TI BOULEVARD DALLAS, TX 75243

SR. VICE PRESIDENT

Signatures

DANIEL M. DRORY, ATTORNEY IN FACT

02/01/2007

**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).
- (1) Withholding of shares of common stock to satisfy tax withholding obligation (relating to vesting of a previously granted award).
- Estimated shares attributable to TI 401(k) Account as of 12-31-06. (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 12-31-06 that are eligible for deferred reporting on Form 5.
- (2) Held by custodian for account of minors.
 - Estimated shares attributable to TI Universal Profit Sharing account as of 12-31-06. (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 12-31-06 that are eligible for deferred reporting on Form 5.

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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