Whitaker Darla H Form 3 August 11, 2006

FORM 3

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

OMB APPROVAL

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INITIAL STATEMENT OF 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 A Person * Whitaker		oorting	2. Date of Event Requiring Statement (Month/Day/Year)		3. Issuer Name and Ticker or Trading Symbol TEXAS INSTRUMENTS INC [TXN]				
(Last)	(First)	(Middle)	08/01/2006		4. Relationship of Reporting Person(s) to Issuer			5. If Amendment, Date Original Filed(Month/Day/Year)	
12500 TI BO	OULEVAR	2D							
(Street) DALLAS, TX 75243					(Check all applicable)			6. Individual or Joint/Group	
					Director 10% Owner Officer Other (give title below) (specify below) SR. VICE PRESIDENT			Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person	
(City)	(State)	(Zip)		Table I - N	Non-Deriva	tive Securiti	ies Be	neficially Owned	
1.Title of Secu (Instr. 4)	rity			2. Amount o Beneficially (Instr. 4)		3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)		ture of Indirect Beneficial ership . 5)	
Common St	ock			38,109 (1)		D	Â		
Common St	ock		943		I	By Spouse (2)			
Common St	ock			569.75		I	By S	SpousePS (3)	
Common St	ock			1,507.35		I	ВуТ	Frust401(k) (4)	
Common St	ock			373.5		I	ВуТ	TrustPS (5)	
Reminder: Rep			ach class of secu	rities benefic	ially S	SEC 1473 (7-02	2)		
	inforn	nation conta	pond to the co ained in this fo and unless the	orm are not	t				

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

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1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative	5. Ownership Form of Derivative Security:	6. Nature of Indirect Beneficial Ownership (Instr. 5)	
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Security	Direct (D) or Indirect (I) (Instr. 5)		
NQ Stock Option (right to buy)	(6)	01/14/2008	Common Stock	4,000	\$ 11.56	D	Â	
NQ Stock Option (right to buy)	(7)	01/15/2013	Common Stock	13,000	\$ 16.11	D	Â	
NQ Stock Option (right to buy)	(8)	02/20/2013	Common Stock	13,000	\$ 16.25	D	Â	
NQ Stock Option (right to buy)	(9)	01/20/2015	Common Stock	20,000	\$ 21.55	D	Â	
NQ Stock Option (right to buy)	(10)	01/20/2009	Common Stock	7,200	\$ 24.9	D	Â	
NQ Stock Option (right to buy)	(11)	01/16/2012	Common Stock	10,000	\$ 26.5	D	Â	
NQ Stock Option (right to buy)	(12)	02/21/2012	Common Stock	100	\$ 29.19	D	Â	
NQ Stock Option (right to buy)	(13)	01/14/2014	Common Stock	15,000	\$ 32.39	D	Â	
NQ Stock Option (right to buy)	(14)	01/19/2016	Common Stock	10,000	\$ 32.55	D	Â	
NQ Stock Option (right to buy)	(15)	06/17/2009	Common Stock	12,000	\$ 33.14	D	Â	
NQ Stock Option (right to buy)	(16)	07/31/2011	Common Stock	5,850	\$ 35.13	D	Â	
NQ Stock Option (right to buy)	(17)	01/17/2011	Common Stock	7,000	\$ 50.38	D	Â	
NQ Stock Option (right to buy)	(18)	01/19/2010	Common Stock	14,000	\$ 55.22	D	Â	
NQ Stock Option (right to buy)	(6)	01/14/2008	Common Stock	2,800	\$ 11.56	I	By Spouse	
NQ Stock Option (right to buy)	(19)	06/18/2008	Common Stock	3,200	\$ 13.19	I	By Spouse	
NQ Stock Option (right to buy)	(7)	01/15/2013	Common Stock	10,000	\$ 16.11	I	By Spouse	
NQ Stock Option (right to buy)	(8)	02/20/2013	Common Stock	10,000	\$ 16.25	I	By Spouse	

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NQ Stock Option (right to buy)	(9)	01/20/2015	Common Stock	7,500	\$ 21.55	I	By Spouse
NQ Stock Option (right to buy)	(20)	08/21/2012	Common Stock	4,000	\$ 22.41	I	By Spouse
NQ Stock Option (right to buy)	(10)	01/20/2009	Common Stock	5,000	\$ 24.9	I	By Spouse
NQ Stock Option (right to buy)	(11)	01/16/2012	Common Stock	8,000	\$ 26.5	I	By Spouse
NQ Stock Option (right to buy)	(12)	02/21/2012	Common Stock	100	\$ 29.19	I	By Spouse
NQ Stock Option (right to buy)	(13)	01/14/2014	Common Stock	10,000	\$ 32.39	I	By Spouse
NQ Stock Option (right to buy)	(14)	01/19/2016	Common Stock	6,500	\$ 32.55	I	By Spouse
NQ Stock Option (right to buy)	(16)	07/31/2011	Common Stock	6,000	\$ 35.13	I	By Spouse
NQ Stock Option (right to buy)	(17)	01/17/2011	Common Stock	5,000	\$ 50.38	I	By Spouse
NQ Stock Option (right to buy)	(18)	01/19/2010	Common Stock	7,000	\$ 55.22	I	By Spouse

Reporting Owners

Reporting Owner Name / Address	Relationships						
1 8	Director	10% Owner	ner Officer				
Whitaker Darla H 12500 TI BOULEVARD DALLAS, TX 75243	Â	Â	SR. VICE PRESIDENT	Â			

Signatures

DANIEL M. DRORY, ATTORNEY IN FACT 08/11/2006

**Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, *see* Instruction 5(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).
- (7) The option becomes exercisable in four equal annual installments beginning on January 15, 2004.
- (9) The option becomes exercisable in four equal annual installments beginning on January 20, 2006.
- (13) The option becomes exercisable in four equal annual installments beginning on January 14, 2005.
- (17) The option becomes exercisable in four equal annual installments beginning on January 17, 2002.
- (11) The option becomes exercisable in four equal annual installments beginning on January 16, 2003.

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- (20) The option becomes exercisable in four equal annual installments beginning on August 21, 2003.
- (14) The option becomes exercisable in four equal annual installments beginning on January 19, 2007.
- (12) The option became 100% exercisable on February 21, 2003.
- (4) Estimated shares attributable to TI 401(k) Account as of 8-1-06. (Interests in this account are denominated in units. Consequently, share amount shown is an estimate.)
- (8) The option becomes exercisable in three annual installments beginning on February 20, 2005.
- Estimated shares attributable to TI Universal Profit Sharing account as of 8-1-06. (Interests in this account are denominated in units. Consequently, share amount shown is an estimate.) Beneficial ownership by reporting person disclaimed.
- (18) The option becomes exercisable in four equal annual installments beginning on January 19, 2001.
- (1) Includes 33,400 shares subject to terms of restricted stock units awarded under the 2000 Long-Term Incentive Plan.
- (16) The option becomes exercisable in four equal annual installments beginning on July 31, 2002.
- (2) Beneficial ownership by reporting person disclaimed.
- (15) The option becomes exercisable in four equal annual installments beginning on June 17, 2000.
- Estimated shares attributable to TI Universal Profit Sharing account as of 8-1-06. (Interests in this account are denominated in units. Consequently, share amount shown is an estimate.)
- (19) The option becomes exercisable in four equal annual installments beginning on June 18, 1999.
- (10) The option becomes exercisable in four equal annual installments beginning on January 20, 2000.
- (6) The option becomes exercisable in four equal annual installments beginning on January 14, 1999.

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.