

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 Address of Reporting Person *		2. Date of Event Requiring Statement	3. Issuer Name <b>and</b> Ticker or Trading Symbol	
Â Whitaker Darla H		(Month/Day/Year)	TEXAS INSTRUMENTS INC [TXN]	
(Last)	(First)	(Middle)	08/01/2006	
12500 TI BOULEVARD			4. Relationship of Reporting Person(s) to Issuer	5. If Amendment, Date Original Filed(Month/Day/Year)
(Street)			(Check all applicable)	
DALLAS,Â TXÂ 75243			<input type="checkbox"/> Director <input type="checkbox"/> 10% Owner	6. Individual or Joint/Group Filing(Check Applicable Line)
(City)	(State)	(Zip)	<input checked="" type="checkbox"/> Officer <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Form filed by One Reporting Person
			(give title below) (specify below)	<input type="checkbox"/> Form filed by More than One Reporting Person
			SR. VICE PRESIDENT	

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	38,109 <sup>(1)</sup>	D	Â
Common Stock	943	I	By Spouse <sup>(2)</sup>
Common Stock	569.75	I	By Spouse--PS <sup>(3)</sup>
Common Stock	1,507.35	I	By Trust--401(k) <sup>(4)</sup>
Common Stock	373.5	I	By Trust--PS <sup>(5)</sup>

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1473 (7-02)

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

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

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Whitaker Darla H 12500 TI BOULEVARD DALLAS, TX 75243	Â	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.
- (3) 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.
- (5) 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.