

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF
SECURITIESFiled pursuant to Section 16(a) of the Securities Exchange Act of 1934
or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>KIRIAKI SAMI</u> (Last) (First) (Middle) <u>12500 TI BOULEVARD</u> (Street) <u>DALLAS TX 75243</u> (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) <u>06/17/2010</u>	3. Issuer Name and Ticker or Trading Symbol <u>TEXAS INSTRUMENTS INC [TXN]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>Sr. Vice President</u>	5. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person

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	25,542 ⁽¹⁾	D	

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

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: 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)	(2)	02/21/2012	Common Stock	100	29.19	D	
NQ Stock Option (Right to Buy)	(3)	01/14/2014	Common Stock	25,000	32.39	D	
NQ Stock Option (Right to Buy)	(4)	01/20/2015	Common Stock	22,000	21.55	D	
NQ Stock Option (Right to Buy)	(5)	01/19/2016	Common Stock	10,000	32.55	D	
NQ Stock Option (Right to Buy)	(6)	01/18/2017	Common Stock	10,100	28.32	D	
NQ Stock Option (Right to Buy)	(7)	01/25/2018	Common Stock	10,100	29.79	D	
NQ Stock Option (Right to Buy)	(8)	01/29/2019	Common Stock	10,100	14.95	D	
NQ Stock Option (Right to Buy)	(8)	01/29/2019	Common Stock	10,100	14.95	D	
NQ Stock Option (Right to Buy)	(9)	01/28/2020	Common Stock	10,100	23.05	D	
NQ Stock Option (Right to Buy)	(9)	01/28/2020	Common Stock	10,100	23.05	D	
NQ Stock Option (Right to Buy)	(10)	01/17/2011	Common Stock	5,000	50.38	D	
NQ Stock Option (Right to Buy)	(11)	07/31/2011	Common Stock	8,000	35.13	D	
NQ Stock Option (Right to Buy)	(12)	01/16/2012	Common Stock	13,000	26.5	D	
NQ Stock Option (Right to Buy)	(13)	02/20/2013	Common Stock	10,000	16.25	D	

Explanation of Responses:

- Includes 20,202 shares subject to terms of restricted stock units awarded under the Issuer's long-term incentive plans.
- The option becomes 100% exercisable on February 21, 2003.
- The option becomes exercisable in four equal annual installments beginning on January 14, 2005.
- The option becomes exercisable in four equal annual installments beginning on January 20, 2006.
- The option becomes exercisable in four equal annual installments beginning on January 19, 2007.
- The option becomes exercisable in four equal annual installments beginning on January 18, 2008.
- The option becomes exercisable in four equal annual installments beginning on January 25, 2009.
- The option becomes exercisable in four equal annual installments beginning on January 29, 2010.
- The option becomes exercisable in four equal annual installments beginning on January 28, 2011.
- The option becomes exercisable in four equal annual installments beginning on January 17, 2002.
- The option becomes exercisable in four equal annual installments beginning on July 31, 2002.
- The option becomes exercisable in four equal annual installments beginning on January 16, 2003.
- The option becomes exercisable in three annual installments beginning on February 20, 2005.

/s/ Cynthia H. Grimm,
Attorney In Fact

06/22/2010

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

* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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 Number.