GOODE DAVID R Form 4 April 16, 2010

FORM 4

OMB APPROVAL

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

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16.

January 31, Expires: 2005

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

Estimated average burden hours per response... 0.5

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 A GOODE DA	Symbol	TEXAS INSTRUMENTS INC			5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last) 12500 TI BO	, , , , , , , , , , , , , , , , , , ,		e of Earliest Transaction h/Day/Year) 5/2010			_X_ Director 10% Owner Officer (give title below) Other (specify below)		
DALLAS, T		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 Form filed by More than One Reporting Person			
(City)	(State) (Z	Zip) Tabl	e I - Non-D	erivative S	Securities A	cquired, Disposed	of, or Beneficia	ally Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	Code	4. SecurionAcquired Disposed (Instr. 3,	l (A) or l 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						23,632	D	
Common Stock						1,600 (1)	I	By Spouse

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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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. Transaction Code (Instr. 8)	5. Number of onDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	erivative Expiration Date ecurities (Month/Day/Year) cquired (A) r Disposed of D) nstr. 3, 4,		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. Pr Deri Secu (Inst	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		
Stock Units	\$ 1 <u>(2)</u>	04/16/2010		A	247.05	(3)	(3)	Common Stock	247.05	\$ 2	

Reporting Owners

Reporting Owner Name / Address	Relationships						
reporting o where there is a real constant of	Director	10% Owner	Officer	Other			
GOODE DAVID R 12500 TI BOULEVARD DALLAS, TX 75243	X						

Signatures

/s/ Daniel M. Drory, Attorney
In Fact

04/16/2010

**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) Beneficial ownership by reporting person disclaimed.
- (2) Security converts to common stock on a one-for-one basis.

Stock units credited under the Texas Instruments 2009 Director Compensation Plan, to be settled in common stock of the Issuer following (3) the reporting person's termination of service as a director of the Issuer. End-of-period holdings include stock units acquired pursuant to the dividend reinvestment provision of the Plan.

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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