XIE BING Form 4 November 01, 2017

FORM 4

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

OMB APPROVAL

Number: 3235-0287

Expires: January 31, 2005

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if no longer subject to Section 16. Form 4 or

Check this box

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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 * XIE BING			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) JLEVARD	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 10/30/2017	Director 10% Owner Selicitive title Other (specify below) Senior 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		(T)		Form filed by More than One Reporting Person		

						- `	213011		
(City)	(State)	(Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned							
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securit or Dispos (Instr. 3, 4	ed of (` '	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	10/30/2017		M	10,000	A	\$ 32.8	78,102	D	
Common Stock	10/30/2017		M	7,500	A	\$ 34.63	85,602	D	
Common Stock	10/30/2017		S	17,500	D	\$ 96.5316 (1)	68,102	D	
By Trust							68,050 (2)	I	By Trust

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

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SEC 1474 (9-02)

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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 or Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
NQ Stock Option (Right to Buy)	\$ 32.8	10/30/2017		M	10,000	(3)	01/25/2023	Common Stock	10,000
NQ Stock Option (Right to Buy)	\$ 34.63	10/30/2017		M	7,500	<u>(4)</u>	01/27/2021	Common Stock	7,500

Reporting Owners

Reporting Owner Name / Address	Relationships
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Director 10% Owner Officer Other

XIE BING

12500 TI BOULEVARD Senior Vice President DALLAS, TX 75243

Signatures

/s/ Muriel C. McFarling, Attorney in Fact 11/01/2017

**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) The price in Table 1 is a weighted average sale price. The sales were at prices ranging from \$96.51 to \$96.63. The Issuer undertakes to provide upon request a detailed breakout of the sale prices and the number of shares sold at each price.

Reporting Owners 2

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- (2) Shares held in trust for the benefit of family members of which reporting person is a trustee.
- (3) The option became exercisable in four equal annual installments beginning on January 25, 2014.
- (4) The option became exercisable in four equal annual installments beginning on January 27, 2012.

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.