

TEXAS INSTRUMENTS INC  
 Form 3  
 January 26, 2017

**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 Barker Ellen		(Month/Day/Year)	TEXAS INSTRUMENTS INC [TXN]	
(Last)	(First)	(Middle)	4. Relationship of Reporting Person(s) to Issuer	5. If Amendment, Date Original Filed(Month/Day/Year)
		01/19/2017		
12500 TI BOULEVARD			(Check all applicable)	
(Street)			<input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer <input type="checkbox"/> Other (give title below)    (specify below)	
DALLAS,Â TXÂ 75243			Sr. Vice President 6. Individual or Joint/Group Filing(Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person	
(City)	(State)	(Zip)		

**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	30,066 <sup>(1)</sup>	D	Â

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)**

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	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable    Expiration Date	Title    Amount or Number of			

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				Shares		(I) (Instr. 5)	
NQ Stock Option (Right to Buy)	Â (2)	01/26/2022	Common Stock	15,000	\$ 32.36	D	Â
NQ Stock Option (Right to Buy)	Â (3)	01/25/2023	Common Stock	17,500	\$ 32.8	D	Â
NQ Stock Option (Right to Buy)	Â (4)	01/23/2024	Common Stock	19,065	\$ 44.09	D	Â
NQ Stock Option (Right to Buy)	Â (5)	01/28/2025	Common Stock	19,762	\$ 53.94	D	Â
NQ Stock Option (Right to Buy)	Â (6)	01/29/2026	Common Stock	21,231	\$ 52.93	D	Â

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Barker Ellen 12500 TI BOULEVARD DALLAS, TX 75243	Â	Â	Â Sr. Vice President	Â

## Signatures

/s/ Muriel C. McFarling, Attorney  
in Fact

01/26/2017

\_\_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).
- (1) Includes 27,279 shares subject to terms of restricted stock units awarded under the Issuer's long-term incentive plans.
- (2) The option becomes exercisable in four equal annual installments beginning on January 26, 2013.
- (3) The option becomes exercisable in four equal annual installments beginning on January 25, 2014.
- (4) The option becomes exercisable in four equal annual installments beginning on January 23, 2015.
- (5) The option becomes exercisable in four equal annual installments beginning on January 28, 2016.
- (6) The option becomes exercisable in four equal annual installments beginning on January 29, 2017.

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.