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 <u>*</u> BAHAI AHMAD			2. Date of Event Requiring Statement (Month/Day/Year)	3. Issuer Name and Ticker or Trading Symbol TEXAS INSTRUMENTS INC [TXN]					
(Last)	(First)	(Middle)	06/01/2018	4. Relationship of Reporting Person(s) to Issuer (Check all applicable)			5. If Amendment, Date Original Filed(Month/Day/Year)		
12500 TI B	OULEVAR	D							
(Street)				(Check an applicable)			6. Individual or Joint/Group		
DALLAS,Â	, TXÂ 7524	13			<pre>10% (Other v) (specify belo ice President</pre>		Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		
(City)	(State)	(Zip)	Table I - N	lon-Derivat	-Derivative Securities Beneficially Owned				
1.Title of Secu (Instr. 4)	rity		2. Amount of Beneficially (Instr. 4)		3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nat Owne (Instr.	*		
Common St	ock		51,579 <u>(1)</u>		D	Â			
Reminder: Report on a separate line for each class of securities benefic owned directly or indirectly. Persons who respond to the collection of information contained in this form are no				SEC 1473 (7-02)					
1	requir currer	ed to respo ntly valid Ol	nd unless the form displ MB control number. rities Beneficially Owned (e.	ays a	warrants, opt	ions, c	onvertible securities)		

1. Title of Derivative Security	2. Date Exercisable and		3. Title and Amount of		4.	5.	6. Nature of Indirect	
(Instr. 4)	Expiration Date (Month/Day/Year)		Securities Underlying		Conversion	Ownership	Beneficial Ownership	
			Derivative Security		or Exercise Form of		(Instr. 5)	
			(Instr. 4)		Price of	Derivative		
	Date	Expiration	Title	Amount or Number of	Derivative	Security:		
	Exercisable	1	The		Security	Direct (D)		
		Date				or Indirect		

January 31,

2005

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Expires:

response...

Estimated average burden hours per

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				Shares		(I) (Instr. 5)	
NQ Stock Option (Right to Buy)	(2)	01/28/2025	Common Stock	9,223	\$ 53.94	D	Â
NQ Stock Option (Right to Buy)	(<u>3)</u>	01/29/2026	Common Stock	27,969	\$ 52.93	D	Â
NQ Stock Option (Right to Buy)	(4)	01/26/2027	Common Stock	25,780	\$ 79.26	D	Â
NQ Stock Option (Right to Buy)	(5)	01/25/2028	Common Stock	21,534	\$ 110.15	D	Â

Reporting Owners

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

/s/ Muriel C. McFarling, Attorney in Fact

06/07/2018

Date

<u>**</u>Signature of Reporting Person

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 41,545 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 28, 2016.
- (3) The option becomes exercisable in four equal annual installments beginning on January 29, 2017.
- (4) The option becomes exercisable in four equal annual installments beginning on January 26, 2018.
- (5) The option becomes exercisable in four equal annual installments beginning on January 25, 2019.

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.