

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

Filed 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>BAHAI AHMAD</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>06/01/2018</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 <input type="checkbox"/> 10% Owner <input type="checkbox"/> <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) <p style="text-align: center;"><u>Sr. Vice President</u></p>	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 <input type="checkbox"/> Form filed by More than One Reporting Person
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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)
<u>Common Stock</u>	<u>51,579⁽¹⁾</u>	<u>D</u>	

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

Explanation of Responses:

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.

/s/ Muriel C. McFarling,
Attorney in Fact

06/07/2018

** Signature of Reporting Person Date

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.