FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D

.C. 20549	OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

1. Name and Address of Reporting Person*						2. Issuer Name and Ticker or Trading Symbol TEXAS INSTRUMENTS INC [TXN]								(Ch	eck all appli X Directo	,		10% Ov	vner	
(Last) (First) (Middle) 12500 TI BOULEVARD					3. Date of Earliest Transaction (Month/Day/Year) 12/16/2016									Officer below)	(give title		Other (s below)	specify		
(Street) DALLA: (City)			75243 (Zip)		4. If	4. If Amendment, Date of Original Filed (Month/Day/Year)								Line	e) X Form : Form :	vidual or Joint/Group Filing (Check Applicable Form filed by One Reporting Person Form filed by More than One Reporting Person				
		Tab	le I - Non	-Deriva	ative	Sec	uritie	s Ac	quired,	Dis	osed o	of, or E	ene	ficial	ly Owned	t				
Date				Date	te onth/Day/Year)		2A. Deemed Execution Date, if any (Month/Day/Year)		Transaction Dispose Code (Instr. 5)		rities Acquired (A) o ed Of (D) (Instr. 3, 4 a			5. Amount of Securities Beneficially Owned Following Reported		6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		7. Nature of Indirect Beneficial Ownership (Instr. 4)		
									Code	v	Amount	(A) or (D) Pr		Price	Transac (Instr. 3	tion(s)			(111501.4)	
Common Stock													3,	3,889						
	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 E if any (Month/Day	Date, T	4. Transactio Code (Inst 8)		n of		6. Date Exercisable and Expiration Date (Month/Day/Year)			7. Title and Amount of Securities Underlying Derivative Securit (Instr. 3 and 4)			8. Price of Derivative Security (Instr. 5)	9. Number derivative Securities Beneficially Owned Following Reported Transactio (Instr. 4)	Owi For Dire or li (I) (I	nership n: ect (D) ndirect nstr. 4)	Beneficial Ownership (Instr. 4)	
					Code	v	(A)		Date Exercisabl		xpiration ate	Title	or Nu of	nount imber ares						
Stock Units	(1)	12/16/2016			A		96.44		(2)		(2)	Commo	n 9	6.44	\$73.45	2,166.28 ⁰	(2)	D		

Explanation of Responses:

- 1. Security converts to common stock on a one-for-one basis.
- 2. Stock units credited under the Texas Instruments 2009 Director Compensation Plan, to be settled in common stock of the Issuer following 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.

/s/ Cynthia H. Grimm, **Attorney In Fact**

12/16/2016

** 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 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).

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.