InvenSense Inc Form 4 February 18, 2014

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB 3235-0287

Number:

Expires:

January 31, 2005

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if no longer subject to Section 16. Form 4 or Form 5 obligations may continue.

Check this box

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).

(City)

(Print or Type Responses)

See Instruction

1. Name and Address of Reporting Person * ARTIMAN VENTURES L P			2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer			
			InvenSense Inc [INVN]	(Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction				
2000 UNIVERSITY AVE., SUITE 602			(Month/Day/Year)	DirectorX 10% Owner			
			02/13/2014	Officer (give title Other (specify below)			
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
			Filed(Month/Day/Year)	Applicable Line) Form filed by One Reporting Person			
EAST PALO ALTO, CA 94303				_X_ Form filed by More than One Reporting Person			

(State)

(City)	(State)	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. Transaction Code (Instr. 8)	4. Securitie omr Disposed (Instr. 3, 4	d of (E))	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	02/13/2014		S	156,935 (1)	D	\$ 20.695	9,055,290	D			
Common Stock	02/13/2014		S	1,014 (2)	D	\$ 20.695	58,509	D			
Common Stock	02/13/2014		S	2,051 (3)	D	\$ 20.695	118,378	D			

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

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number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Titl	le and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	orNumber	Expiration D	ate	Amou	int of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securi	ities	(Instr. 5)	Bene
	Derivative				Securities			(Instr.	3 and 4)		Owne
	Security				Acquired						Follo
					(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									Amount		
						Date	Expiration	Title	or Number		
						Exercisable	Date	Title	of		
				Codo V	(A) (D)				Shares		
				Code v	(A) (D)				Shares		

Relationships

Reporting Owners

Reporting Owner Name / Address	Kciationsinps						
	Director	10% Owner	Officer	Other			
ARTIMAN VENTURES L P 2000 UNIVERSITY AVE., SUITE 602 EAST PALO ALTO, CA 94303		X					
ARTIMAN VENTURES SIDE FUND L P 2000 UNIVERSITY AVENUE, SUITE 602 EAST PALO ALTO, CA 94303		X					
Artiman Ventures Side Fund II, L.P. 2000 UNIVERSITY AVENUE, SUITE 602 EAST PALO ALTO, CA 94303		X					
Artiman, L.L.C. 2000 UNIVERSITY AVENUE, SUITE 602 EAST PALO ALTO, CA 94303		X					

Signatures

/s/ Amit Shah, as Managing Member of Artiman, L.L.C., General Partner of each of Artiman Ventures, L.P., Artiman Ventures Side Fund, L.P., and Artiman Ventures Side Fund II, L.P.

02/18/2014

**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) Securities directly held by Artiman Ventures, L.P. Amit Shah, Yatin Mundkur are the Managing Members of Artiman, L.L.C., the General Partner of Artiman Ventures, L.P. and may be deemed to have voting control and investment power over the securities held by Artiman Ventures, L.P., but disclaim beneficial ownership of the securities held by Artiman Ventures, L.P. except to the extent of their

Reporting Owners 2

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pecuniary interest therein.

- Securities directly held by Artiman Ventures Side Fund, L.P. Amit Shah, Yatin Mundkur are the Managing Members of Artiman, L.L.C., the General Partner of Artiman Ventures Side Fund, L.P. and may be deemed to have voting control and investment power over the securities held by Artiman Ventures Side Fund, L.P., but disclaim beneficial ownership of the securities held by Artiman Ventures Side Fund, L.P. except to the extent of their pecuniary interest therein.
- Securities directly held by Artiman Ventures Side Fund II, L.P. Amit Shah, Yatin Mundkur are the Managing Members of Artiman, L.L.C., the General Partner of Artiman Ventures Side Fund II, L.P. and may be deemed to have voting control and investment power over the securities held by Artiman Ventures Side Fund II, L.P., but disclaim beneficial ownership of the securities held by Artiman Ventures Side Fund II, L.P. except to the extent of their pecuniary interest therein.

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.