InvenSense Inc Form SC 13G/A February 17, 2015

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

### **SCHEDULE 13G/A**

**Under the Securities Exchange Act of 1934** (Amendment No. 3)\*

InvenSense, Inc.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

46123D 20 5

(CUSIP Number)

December 31, 2014

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- o Rule 13d-1(b)
- o Rule 13d-1(c)
- Rule 13d-1(d)

<sup>\*</sup>The remainder of this cover page shall be filled out for a reporting person s initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be filed for the purpose of Section 18 of the Securities Exchange Act of 1934 ( Act ) or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

### CUSIP No. 46123D 20 5

- Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only) 1. Artiman Ventures, L.P.
- 2. Check the Appropriate Box if a Member of a Group (See Instructions)

  - (b) X
- 3. SEC Use Only
- 4. Citizenship or Place of Organization

California

5. Sole Voting Power

7,475,546

Number of Shares

6. Shared Voting Power

Beneficially Owned by

Each 7. Sole Dispositive Power Reporting

7,475,546

Person With

8. Shared Dispositive Power

- 9. Aggregate Amount Beneficially Owned by Each Reporting Person 7,475,546
- 10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) o
- 11. Percent of Class Represented by Amount in Row (9)
- Type of Reporting Person (See Instructions) 12.

### CUSIP No. 46123D 20 5

- Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only) Artiman, L.L.C.
- 2. Check the Appropriate Box if a Member of a Group (See Instructions)
  - (a)

o x

- (b)
- 3. SEC Use Only
- 4. Citizenship or Place of Organization

Delaware

5. Sole Voting Power

7,637,071

Number of Shares

6. Shared Voting Power

Beneficially Owned by

Each 7. Sole Dispositive Power

Reporting 7,637,071

Person With

- 8. Shared Dispositive Power
- Aggregate Amount Beneficially Owned by Each Reporting Person 7,637,071
- 10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) o
- 11. Percent of Class Represented by Amount in Row (9)
- 12. Type of Reporting Person (See Instructions) HC, OO

### CUSIP No. 46123D 20 5

- Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only)
   Amit Shah
- 2. Check the Appropriate Box if a Member of a Group (See Instructions)
  - a)
  - (b) x
- 3. SEC Use Only
- 4. Citizenship or Place of Organization United States of America

	5.	Sole Voting Power 51,610
Number of		,
Shares	6.	Shared Voting Power
Beneficially		7,653,738
Owned by		
Each	7.	Sole Dispositive Power
Reporting		51,610
Person With		
	8.	Shared Dispositive Power

- 9. Aggregate Amount Beneficially Owned by Each Reporting Person 7,705,348
- 10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) o
- 11. Percent of Class Represented by Amount in Row (9) 8.6%
- 12. Type of Reporting Person (See Instructions)
  IN

4

7,653,738

### CUSIP No. 46123D 20 5

- 1. Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only) Yatin Mundkur
- 2. Check the Appropriate Box if a Member of a Group (See Instructions)
  - (a)
  - (b) x
- 3. SEC Use Only
- 4. Citizenship or Place of Organization

United States of America

5. Sole Voting Power

0

Number of Shares

6. Shared Voting Power

7,653,738

Beneficially Owned by Each

7. Sole Dispositive Power

Reporting Person With

8. Shared Dispositive Power

7,653,738

- Aggregate Amount Beneficially Owned by Each Reporting Person 7,653,738
- 10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) o
- 11. Percent of Class Represented by Amount in Row (9)

8.5%

12. Type of Reporting Person (See Instructions)

IN

T. 4		
Item 1.	(a)	Name of Issuer
	(4)	InvenSense, Inc.
	(b)	Address of Issuer s Principal Executive Offices
		1745 Technology Dr.
		San Jose, CA 95110
		541,000,017,0110
Item 2.		N CD ET
	(a)	Name of Person Filing Artiman Ventures, L.P. ( AVLP )
		Attimum ventures, E.F. (AVEF)
		Artiman, L.L.C. ( Artiman )
		Amit Shah
		Yatin Mundkur
	(b)	Address of Principal Business Office or, if none, Residence
		The address of AVLP, Artiman, Amit Shah, and Yatin Mundkur is:
		2000 University Avenue, Suite 602
		2000 Oniversity Avenue, Suite 002
		East Palo Alto, CA 94303
	(c)	Citizenship
		AVLP California limited partnership
		Artiman Delaware limited liability company
		Amit Shah United States of America
		Yatin Mundkur United States of America
	(d)	Title of Class of Securities
		Common Stock, par value \$0.001 per share (the Common Stock ), of InvenSense, Inc.
	(e)	CUSIP Number
		46123D205
Item 3.	If this statement is filed nursuant	to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is
100111 01	a:	to 552 routed 1(0) of 2 torted 2(0) of (c), effect whether the person thing is
Not Applicable.		
		6

#### Item 4. Ownership

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

(a) Amount beneficially owned:

As of December 31, 2014 (i) AVLP was the record holder of 7,475,546 shares of Common Stock (the AVLP Shares ); (ii) Artiman Ventures Side Fund, L.P. ( AVSF ) was the record holder of 48,300 shares of Common Stock (the AVSF Shares ); (iii) Artiman Ventures Side Fund II, L.P. ( AVSFII ) was the record holder of 97,728 shares of Common Stock (the AVSFII Shares and, together with the AVLP Shares and the AVSF Shares, the Artiman Shares ); (iv) Artiman L.L.C. was the record holder of 15,497 shares of Common Stock; (v) Artiman Management, LLC ( Artiman Management ) was the record holder of 16,667 shares of Common Stock (the Management Shares ); (vi) Baca, L.P. was the record holder of 19,943 shares of Common Stock (the Baca Shares ); and (vii) Amit Shah was the record holder of options to purchase 31,667 shares exercisable within 60 days of December 31, 2014.

Artiman, L.L.C., the general partner of AVLP, AVSF and AVSFII, may be deemed to beneficially own the Artiman Shares, but disclaims beneficial ownership of the Artiman Shares except to the extent of any pecuniary interest therein. Amit Shah and Yatin Mundkur, as (i) Managing Members of Artiman, L.L.C., the general partner of AVLP, AVSF and AVSFII, and (ii) Managing Members of Artiman Management, may be deemed to beneficially own (a) the Artiman Shares and the shares held by Artiman L.L.C. and (b) the Management Shares, respectively, but disclaims beneficial ownership of such shares except to the extent of any pecuniary interest therein.

Amit Shah, the general partner of Baca, L.P., may be deemed to beneficially own the Baca Shares, but disclaims beneficial ownership of the securities except to the extent of his pecuniary interest therein.

The Reporting Persons may be deemed to constitute a group for purposes of Section 13(d)(3) of the Act. Pursuant to Rule 13d-4 of the Act, the Reporting Persons expressly declare that the filing of this Statement shall not be construed as an admission that any such person is, for the purposes of Section 13(d) and/or Section 13(g) of the Act or otherwise, the beneficial owner of any securities covered by this Statement held by any other person. The Reporting Persons expressly disclaim that they have agreed to act as a group other than as described in this Statement.

Percent of class:

(b)

8.3% Artiman Ventures, L.P.

8.5% Artiman, L.L.C.

8.6% Amit Shah 8.5% Yatin Mundkur

The ownership percentages above are based on an aggregate of 90,091,667 share of Common Stock, including (i) 90,060,000 shares outstanding as of October 24, 2014, as reported in the Issuer s 10-Q, dated October 31, 2014, filed with the Securities and Exchange Commission on October 31, 2014, and (ii) 31,667 shares subject to options exercisable within 60 days of December 31, 2014.

(c) Number of shares as to which the person has:

	NUMBER OF SHARES				
Reporting Person	(i)	(ii)	(iii)	(iv)	
Artiman Ventures, L.P.	7,475,546		7,475,546		
Artiman, L.L.C.	7,637,071		7,637,071		
Amit Shah	51,610	7,653,738	51,610	7,653,738	
Yatin Mundkur	0	7,653,738	0	7,653,738	
	(i)	Sole power to vote or direct the vote			
	(ii)	Shared power to vote or to direct the vote			
	(iii)	Sole power to dispose or to direct the disposition of			
	(iv)	Shared power to dispose or to direct the disposition of			

## Item 5. Ownership of Five Percent or Less of a Class

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following o.

# **Item 6. Ownership of More than Five Percent on Behalf of Another Person** See 4(a) and 4(b) above.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being

Reported on By the Parent Holding Company or Control Person

Not Applicable.

Item 8. Identification and Classification of Members of the Group

Not Applicable.

Item 9. Notice of Dissolution of Group

Not Applicable.

Item 10. Certification

Not Applicable.

### Signature

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

DATED: February 12, 2015.

## ARTIMAN VENTURES, L.P.

By: Artiman, L.L.C., its general partner

By:

/s/ Amit Shah

Amit Shah, Managing Member