InvenSense Inc Form 4 August 24, 2012

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

Number: 3235-0287

Expires: January 31, 2005

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Check this box if no longer subject to Section 16. Form 4 or Form 5

obligations

may continue.

See Instruction

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).

(Print or Type Responses)

1. Name and Address of Reporting Person * KROCK ALAN			2. Issuer Name and Ticker or Trading Symbol InvenSense Inc [INVN]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check an applicable)
1197 BORR	REGAS AVE	ENUE	(Month/Day/Year) 08/23/2012	Director 10% Owner _X Officer (give title Other (specify below) Chief Financial Officer
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check
SUNNYVA	LE, CA 940	89	Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person
(City)	(State)	(Zip)	Table I. Nan Dada Car Caral Car	

(City)	(State)	(Zip) Tabl	e I - Non-I	Derivative	Secur	ities Acqui	red, Disposed of,	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	Code (Instr. 8)	omr Dispos (Instr. 3, 4	ed of (4 and 5 (A) or	5)	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	08/23/2012		Code V M	Amount 55,182	(D)	Price \$ 7.32	55,182	D	
Common Stock	08/23/2012		S	45,000	D	\$ 13.605	10,182	D	
Common Stock	08/23/2012		S	10,182	D	\$ 13.706	0	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 Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactic Code (Instr. 8)	5. Number of orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exer Expiration D (Month/Day,	ate	7. Title and L Underlying S (Instr. 3 and	Securities	3 (
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Stock Option (right to buy)	\$ 7.32	08/23/2012		M	55,182	<u>(1)</u>	07/09/2021	Common Stock	55,182	

Reporting Owners

Reporting Owner Name / Address	Relationships					
Treporting of their remains a real residence of the residence of their residence of the res	Director	10% Owner	Officer	Other		
KROCK ALAN			Chief			
1197 BORREGAS AVENUE			Financial			
SUNNYVALE, CA 94089			Officer			

Signatures

/s/ Alan Krock	08/24/2012			
**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) 76,990 shares subject to the option are currently vested. . 25% of the award (500,000) subject to the option vest 1 year following the vesting commencement date of May 31, 2011, with monthly vesting thereafter at the rate of 1/48th per month.

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.

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