

NANOMETRICS INC
 Form 3
 February 26, 2015

FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL

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INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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

(Print or Type Responses)

1. Name and Address of Reporting Person *		2. Date of Event Requiring Statement	3. Issuer Name and Ticker or Trading Symbol	
Â Heidrich Kevin		(Month/Day/Year)	NANOMETRICS INC [NANO]	
(Last)	(First)	(Middle)	4. Relationship of Reporting Person(s) to Issuer	5. If Amendment, Date Original Filed(Month/Day/Year)
C/O NANOMETRICS, INCORPORATED,Â 1550 BUCKEYE DRIVE		02/24/2015	(Check all applicable)	
(Street)			<input type="checkbox"/> Director	<input type="checkbox"/> 10% Owner
MILPITAS,Â CAÂ 95035			<input checked="" type="checkbox"/> Officer	<input type="checkbox"/> Other
(City)	(State)	(Zip)	(give title below) (specify below)	
			Senior VP, Marketing	
			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	

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)
Common Stock	34,407	D	Â

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

SEC 1473 (7-02)

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 control number.

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	5. Ownership Form of Derivative Security:	6. Nature of Indirect Beneficial Ownership (Instr. 5)
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	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Security	Direct (D) or Indirect (I) (Instr. 5)	
Non-Qualified Stock Option (Right to Buy)	Â <u>(1)</u>	06/18/2016	Common Stock	10,000	\$ 2.38	D	Â
Non-Qualified Stock Option (Right to Buy)	Â <u>(1)</u>	09/03/2016	Common Stock	20,000	\$ 7.5	D	Â
Non-Qualified Stock Option (Right to Buy)	Â <u>(1)</u>	04/19/2017	Common Stock	7,000	\$ 10.46	D	Â
Non-Qualified Stock Option (Right to Buy)	Â <u>(2)</u>	03/21/2018	Common Stock	30,000	\$ 16.7	D	Â
Non-Qualified Stock Option (Right to Buy)	Â <u>(3)</u>	10/10/2019	Common Stock	5,000	\$ 12.98	D	Â

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Heidrich Kevin C/O NANOMETRICS, INCORPORATED 1550 BUCKEYE DRIVE MILPITAS, CA 95035	Â	Â	Â Senior VP, Marketing	Â

Signatures

/s/ Kim Merritt,
Attorney-in-Fact

02/26/2015

__Signature of Reporting Person

Date

Explanation of Responses:

- * 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).
- (1) Fully vested.
 - (2) One forty-eighth (1/48th) of the shares shall vest and become exercisable in equal monthly installments starting on the monthly anniversary of the date of grant of March 21, 2011.
 - (3) One forty-eighth (1/48th) of the shares shall vest and become exercisable in equal monthly installments starting on the monthly anniversary of the date of grant of October 10, 2012.

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.