

INFINEON TECHNOLOGIES AG  
Form SC 13G/A  
January 25, 2005

**UNITED STATES  
SECURITIES AND EXCHANGE  
COMMISSION**

Washington, D.C. 20549

**SCHEDULE 13G/A**

**Under the Securities Exchange Act of 1934  
Amendment No. 1**

**MERRIMAC INDUSTRIES, INC.**

(Name of Issuer)

**SHARES OF COMMON STOCK, PAR VALUE \$.01 PER SHARE**

(Title of Class of Securities)

**590262101**

(CUSIP Number)

**December 13, 2004**

(Date of Event Which Requires Filing of this Statement)

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

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

CUSIP No. 590262101

1. Name of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only)  
Infineon Technologies AG
2. Check the Appropriate Box if a Member of a Group (See Instructions)  
(a)    
(b)
3. SEC Use Only
4. Citizenship or Place of Organization  
Federal Republic Germany
5. Sole Voting Power  
0
6. Shared Voting Power  
0
7. Sole Dispositive Power  
0
8. Shared Dispositive Power  
0
9. Aggregate Amount Beneficially Owned by Each Reporting Person  
0
10. Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)
11. Percent of Class Represented by Amount in Row (9)  
0%
12. Type of Reporting Person (See Instructions)  
CO

Number of  
Shares  
Beneficially  
Owned by  
Each  
Reporting  
Person With

**Item 1.**

- (a) Name of Issuer  
Merrimac Industries, Inc.
- (b) Address of Issuer's Principal Executive Offices  
41 Fairfield Place, West Caldwell, New Jersey 07006

**Item 2.**

- (a) Name of Person Filing  
Infineon Technologies AG
- (b) Address of Principal Business Office or, if none, Residence  
St.-Martin-Strasse 53  
D-81541 Munich Germany
- (c) Citizenship  
Federal Republic of Germany
- (d) Title of Class of Securities  
Common Stock and warrants exercisable to purchase Common Stock
- (e) CUSIP Number  
590262101

**Item 3.**

- If this statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:**
- (a)  Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o).
  - (b)  Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c).
  - (c)  Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c).
  - (d)  Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C 80a-8).
  - (e)  An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E);
  - (f)  An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F);
  - (g)  A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G);
  - (h)  A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
  - (i)  A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);
  - (j)  Group, in accordance with §240.13d-1(b)(1)(ii)(J).
- N/A

**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:  
0
- (b) Percent of class:  
0%
- (c) Number of shares as to which the person has:
  - (i) Sole power to vote or to direct the vote  
0
  - (ii) Shared power to vote or to direct the vote  
0
  - (iii) Sole power to dispose or to direct the disposition of  
0
  - (iv) Shared power to dispose or to direct the disposition of  
0

**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 .

**Item 6. Ownership of More than Five Percent on Behalf of Another Person**

N/A

**Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company**

N/A

**Item 8. Identification and Classification of Members of the Group**

N/A

**Item 9. Notice of Dissolution of Group**

N/A

**Item 10. Certification**

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

**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.

Date: January 24 , 2005

/s/Nicole Lau  
Nicole Lau

CORPORATE LEGAL COUNSEL

/s/ Horst Meyer  
Horst Meyer

CORPORATE LEGAL COUNSEL