Chandler Scott A Form 4 July 02, 2009

FORM 4

OMB APPROVAL

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

OMB 3235-0287 Number:

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

January 31, Expires: 2005

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Estimated average burden hours per response... 0.5

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 * Chandler Scott A | 2. Issuer Name and Ticker or Trading Symbol INFINERA CORP [INFN] | 5. Relationship of Reporting Person(s) to Issuer | | | |
|--|---|---|--|--|--|
| (Last) (First) (Middle) | 3. Date of Earliest Transaction (Month/Day/Year) | (Check all applicable) Director 10% Owner | | | |
| C/O INFINERA CORPORATION, 169 JAVA DRIVE | 07/01/2009 | _X_Officer (give titleOther (specify below) VP, Worldwide Sales | | | |
| (Street) | 4. If Amendment, Date Original | 6. Individual or Joint/Group Filing(Check | | | |
| SUNNYVALE CA 94089 | Filed(Month/Day/Year) | Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting | | | |

SUNNYVALE, CA 94089

| (Month/Day/Year) | Applicable Line) |
|------------------|--|
| | _X_ Form filed by One Reporting Person |
| | Form filed by More than One Reporting |
| | Person |
| | |
| | |

| (City) | (State) | (Zip) Tab | le I - Non-I | Derivative | Secu | rities Acqu | ired, 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) | 3. Transactic Code (Instr. 8) | 4. Securion(A) or D (Instr. 3, | ispose 4 and (A) or | d of (D) | 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 | 07/01/2009 | | M | 1,368 | A | \$ 1.32 | 1,368 | D | |
| Common Stock | 07/01/2009 | | M | 1,301 | A | \$ 2 | 2,669 | D | |
| Common Stock | 07/01/2009 | | S <u>(1)</u> | 2,669 | D | \$ 9.1388 (2) | 0 | D | |

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)

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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 Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) | | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | |
|---|---|---|---|--|---|--|--------------------|---|--|
| | | | | Code V | (A) (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares |
| Employee stock option (right to buy) | \$ 1.32 | 07/01/2009 | | M | 1,368 | (3) | 11/28/2015 | Common Stock | 1,368 |
| Employee stock option (right to buy) | \$ 2 | 07/01/2009 | | M | 1,301 | <u>(4)</u> | 08/08/2016 | Common Stock | 1,301 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | | | | |
|--------------------------------|---------------|-----------|---------------------|-------|--|--|--|
| • | Director | 10% Owner | Officer | Other | | | |
| Chandler Scott A | | | | | | | |
| C/O INFINERA CORPORATION | | | VD Warldwide Coles | | | | |
| 169 JAVA DRIVE | | | VP, Worldwide Sales | | | | |

SUNNYVALE, CA 94089

Signatures

/s/ Michael O. McCarthy, by power of attorney 07/02/2009

**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)

Reporting Owners 2

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The sales reported on this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on August 24, 2007.

- The sale price reported in column 4 of Table 1 represents the weighted average sale price of the shares sold ranging from \$9.02 to \$9.19 (2) per share. Upon request by the Commission staff, the Issuer, or a security holder of the Issuer, the Reporting Person will provide full information regarding the number of shares sold at each separate price.
- (3) The option is subject to an early exercise provision and is immediately exercisable. One forty-eighth of the shares subject to the option vested on August 26, 2005 and one forty-eighth of the shares shall vest monthly thereafter.
- (4) The option is subject to an early exercise provision and is immediately exercisable. One forty-eighth of the shares subject to the option vested on July 29, 2006 and one forty-eighth of the shares shall vest monthly thereafter.

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.