REDFIELD CARL
Form 4
February 12, 2009

FORM 4

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

STATEMENT OF CHANGES IN 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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. *See* Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *
REDFIELD CARL

(Last) (First) (Middle)

C/O INFINERA CORPORATION, 169 JAVA DRIVE

(Street)

SUNNYVALE, CA 94089

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading Symbol
INFINERA CORP [INFN]

3. Date of Earliest Transaction (Month/Day/Year)
02/10/2009

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

__X__ Director
_____ 10% Owner
_____ Officer (give title below)
_____ Other (specify below)

6. Individual or Joint/Group Filing(Check Applicable Line)
_X_ Form filed by One Reporting Person
___ Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 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)
			Code	V	Amount	(A) or (D)	Price			
Common Stock								75,000	D	
Common Stock								67,934 (1)	I	See footnote. (2)

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

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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. Transaction 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
Common Stock	(3)	02/10/2009		A		15,000		02/10/2012(4)	02/10/2012	Common Stock	15,000

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
REDFIELD CARL C/O INFINERA CORPORATION 169 JAVA DRIVE SUNNYVALE, CA 94089	X			

Signatures

/s/ Michael O. McCarthy, by power of attorney	02/12/2009
**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) Includes 67,934 shares previously held by the Carl Redfield Annuity Trust III dated 11/6/2006 which were re-registered on September 18, 2007 to the Carl Redfield Trust 2000 dated 10/18/2000 for which the Reporting Person serves as trustee.

(2) Shares held directly by the Carl Redfield Trust 2000 dated 10/18/2000 for which the Reporting Person serves as trustee.

(3) Each performance share unit represents a contingent right to receive one share of INFN common stock.

(4) The reported performance share units entitle the Reporting Person to receive shares of common stock based on INFN?s stock price performance as compared to NASDAQ. The amount of shares to be awarded upon vesting is subject to adjustment within a range of 7,500 to 30,000 shares based upon the change in INFN?s stock price as measured against the change of the NASDAQ. The measurement period is a comparison of the six month average between July 1 and December 31, 2011 as compared to the 30 day trailing average as of December 31, 2008.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.
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