

Welch David F
 Form 4
 January 05, 2010

FORM 4

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

OMB APPROVAL

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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

(Print or Type Responses)

1. Name and Address of Reporting Person *
 Welch David F

(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)
 01/01/2010

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

___ Director ___ 10% Owner
 Officer (give title below) ___ Other (specify below)
 Chief Mktg & Strategy Officer

6. Individual or Joint/Group Filing(Check Applicable Line)
 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 Ownership (Instr. 4)		
				(A) or (D)	Code	V	Amount	(D)	Price

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

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SEC 1474 (9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative	2. Conversion	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if	4. Transaction	5. Number of Derivative	6. Date Exercisable and Expiration Date	7. Title and Amount Underlying Security
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Security (Instr. 3)	or Exercise Price of Derivative Security	any (Month/Day/Year)	Code (Instr. 8)	Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	(Month/Day/Year)	(Instr. 3 and 4)		
			Code V	(A)	(D) Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Restricted Stock Units	(1)	01/01/2010	A	25,000	(2)	(2)	Common Stock	25,000
Performance Share Units	(3)	01/01/2010	A	50,000	01/01/2013	01/01/2013	Common Stock	50,000

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Welch David F C/O INFINERA CORPORATION 169 JAVA DRIVE SUNNYVALE, CA 94089			Chief Mktg & Strategy Officer	

Signatures

/s/ Michael O. McCarthy by power of attorney 01/05/2010

**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) Each restricted stock unit represents a contingent right to receive one share of INFN common stock.
- (2) All of the restricted stock units vest on December 31, 2010. Upon vesting of the RSUs, shares of common stock will be delivered to the Reporting Person as soon as practicable.

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 is subject to adjustment within a range of 0.5x-2.0x payout of shares based upon the change in INFN's stock price as measured against the change of the NASDAQ. The measurement periods are a comparison of the six month average between July 2, 2012 and January 1, 2013 as compared to the 30 day trailing average as of January 1, 2010.

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.