Chandler Scott A
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

OMB Number:	3235-0287
Expires:	January 31, 2005
Estimated average burden hours per response...	0.5

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 *
Chandler Scott A

(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)

_____ Director _____ 10% Owner
__X__ Officer (give title below) _____ Other (specify below)
VP, Worldwide Sales

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			

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

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.

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 Amo Underlying Secu

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	Am or Nu of
Employee Stock Option (right to buy)	$ 7.11	02/10/2009		A		75,000	03/10/2009(1)	02/10/2019	Common Stock	75
Performance share units	(2)	02/10/2009		A		75,000	02/10/2012(3)	02/10/2012	Common Stock	75
Performance share units	(2)	02/10/2009		A		37,500	02/10/2012(4)	02/10/2013	Common Stock	37

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Chandler Scott A C/O INFINERA CORPORATION 169 JAVA DRIVE SUNNYVALE, CA 94089			VP, Worldwide Sales	

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) The option vests monthly over a period of twenty-four months beginning on March 10, 2009.

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

(3) 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 1 and December 31, 2011 as compared to the 30 day trailing average as of December 31, 2008.

(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 performance units vest in two equal annual installments following each measurement period beginning on February 10, 2012. 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 period is a comparison of the six month average between July 1 and December 31, 2011 and the six month average between July 1 and December 31, 2012 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.

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.