Cumpston William R Form 4 December 11, 2007

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

OMB Number:

Check this box if no longer subject to Section 16. Form 4 or Form 5

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

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,

obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Cumpston William R

2. Issuer Name and Ticker or Trading Symbol

(Month/Day/Year)

12/10/2007

5. Relationship of Reporting Person(s) to Issuer

INFINERA CORP [INFN]

(Last) (First) (Middle)

(Street)

3. Date of Earliest Transaction

Director _X__ Officer (give title

below)

10% Owner

Other (specify

(Check all applicable)

Expires:

response...

Estimated average

burden hours per

OMB APPROVAL

3235-0287

January 31,

2005

0.5

C/O INFINERA CORPORATION, 169 JAVA **DRIVE**

4. If Amendment, Date Original

VP, Systems Engineering

Filed(Month/Day/Year)

Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting

6. Individual or Joint/Group Filing(Check

SUNNYVALE, CA 94089

(City)	(State)	(Zip) Tabl	e I - Non-I	Derivative	Secur	ities Acq	uired, Disposed o	f, or Beneficial	ly 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 action(A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported	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	Transaction(s) (Instr. 3 and 4)		
Common Stock	12/10/2007		M	2,500	A	\$ 2	2,500	D	
Common Stock	12/10/2007		S <u>(1)</u>	400	D	\$ 18.8	2,100	D	
Common Stock	12/10/2007		S <u>(1)</u>	600	D	\$ 18.81	1,500	D	
Common Stock	12/10/2007		S <u>(1)</u>	250	D	\$ 18.85	1,250	D	
Common Stock	12/10/2007		S <u>(1)</u>	50	D	\$ 18.87	1,200	D	

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Common Stock	12/10/2007	S <u>(1)</u>	200	D	\$ 18.88	1,000	D
Common Stock	12/10/2007	S <u>(1)</u>	75	D	\$ 19.06	925	D
Common Stock	12/10/2007	S <u>(1)</u>	175	D	\$ 19.09	750	D
Common Stock	12/10/2007	S <u>(1)</u>	200	D	\$ 19.21	550	D
Common Stock	12/10/2007	S <u>(1)</u>	50	D	\$ 19.22	500	D
Common Stock	12/10/2007	S <u>(1)</u>	337	D	\$ 19.3	163	D
Common Stock	12/10/2007	S <u>(1)</u>	163	D	\$ 19.31	0	D

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

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SEC 1474

(9-02)

Stock

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	Amour or Number of Shares
Non-qualified stock option	\$ 2	12/10/2007		M	2,500	(2)	08/08/2016	Common	2,500

Reporting Owners

(right to buy)

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

VP, Systems Engineering

Reporting Owners 2

Cumpston William R C/O INFINERA CORPORATION 169 JAVA DRIVE SUNNYVALE, CA 94089

Signatures

/s/ Michael O. McCarthy, by power of attorney

12/11/2007

**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 sales reported on this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on August 31, 2007.
- (2) The option is subject to an early exercise provision and is immediately exercisable. One-fourth of the shares subject to the option vested on June 26, 2007 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.

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