

FORM 4

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

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

OMB APPROVAL  
OMB Number: 3235-0287  
Estimated average burden  
hours per response... 0.5

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person *	2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)
Wegleitner Mark A	INFINERA CORP [ INFN ]	<input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner
(Last)                      (First)                      (Middle)	3. Date of Earliest Transaction (MM/DD/YYYY)	<input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)
C/O INFINERA CORPORATION, 140 CASPIAN COURT	10/27/2014	
(Street)	4. If Amendment, Date Original Filed (MM/DD/YYYY)	6. Individual or Joint/Group Filing (Check Applicable Line)
SUNNYVALE, CA 94089		<input checked="" type="checkbox"/> Form filed by One Reporting Person
(City)                      (State)                      (Zip)		<input type="checkbox"/> 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. Trans. Date	2A. Deemed Execution Date, if any	3. Trans. 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	10/27/2014		M		15000	A	\$6.99	44467	D	
Common Stock	10/27/2014		S <sup>(1)</sup>		21000	D	\$13.5554 <sup>(2)</sup>	23467	D	

Table II - Derivative Securities 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. Trans. Date	3A. Deemed Execution Date, if any	4. Trans. 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		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction (s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V		(A)	(D)	Date Exercisable	Expiration Date				
Non-Qualified Stock Option (Right to Buy)	\$6.99	10/27/2014		M		15000	(3)	5/23/2021	Common Stock	85000	\$0	70000	D	
Restricted Stock Units	(4)						(5)	(5)	Common Stock	19009		19009	D	

Explanation of Responses:

- (1) This sale was made in connection with Mr. Wegleitner's Rule 10b5-1 Trading Plan, which was adopted on May 20, 2014.
- (2) This price represents the weighted average sale price of the shares sold in multiple transactions at prices ranging from \$13.35 to \$13.83 per share. Upon request by the staff of the Securities and Exchange Commission, Infinera Corporation (the "Company") or a security holder of the Company, Mr. Wegleitner will provide full information regarding the number of shares sold at each separate price.
- (3) This option is fully vested.
- (4) Each restricted stock unit ("RSU") represents a contingent right to receive one share of common stock of the Company.
- (5) The RSUs fully vest on the earlier of the date of the Company's next annual meeting of stockholders or the one-year anniversary of the date of grant, subject to Mr. Wegleitner's continued service to the Company.

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Wegleitner Mark A C/O INFINERA CORPORATION  140 CASPIAN COURT SUNNYVALE, CA 94089	X			

Signatures

/s/ Michael Post, by Power of Attorney                      10/29/2014  
\*\* Signature of Reporting Person                      Date

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

\* 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).

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

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.

POWER OF ATTORNEY

The undersigned, as a Section 16 reporting person of Infinera Corporation (the "Company"), hereby constitutes and appoints Thomas Fallon, Brad Feller and Michael

1. complete and execute Forms 3, 4 and 5 and other forms and all amendments thereto as such attorneys-in-fact shall in his or her discretion determine to be
2. do all acts necessary in order to file such forms with the Securities and Exchange Commission, any securities exchange or national association, the Comp

The undersigned hereby ratifies and confirms all that said attorneys-in-fact and agent shall do or cause to be done by virtue hereof. The undersigned acknowledges

This Power of Attorney shall remain in full force and effect until the undersigned is no longer required to file Forms 3, 4 and 5 with respect to the undersigned

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this 16th day of September, 2014.

Signature: /s/ Mark Wegleitner

Print Name: Mark Wegleitner