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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 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)	8. Amount or Number of Shares
Employee Stock Option (right to buy)	\$ 7.11	10/01/2010		M	1,563	<u>(2)</u> 02/10/2019	Common Stock	1,563
Employee Stock Option (right to buy)	\$ 7.45	10/01/2010		M	1,458	<u>(3)</u> 08/10/2019	Common Stock	1,458
Employee Stock Option (right to buy)	\$ 7.61	10/01/2010		M	847	<u>(4)</u> 06/06/2017	Common Stock	847
Employee Stock Option (right to buy)	\$ 7.61	10/01/2010		M	705	<u>(5)</u> 02/28/2018	Common Stock	705

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
MCCARTHY MICHAEL O III C/O INFINERA CORPORATION			Chief Legal & Admin Officer	

169 JAVA DRIVE
SUNNYVALE, CA 94089

Signatures

/s/ Michael O.
McCarthy

10/05/2010

**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) The sale reported on this Form 4 was effected pursuant to a Rule 10b5-1 trading plan adopted by the Reporting Person on August 12, 2009.
- (2) The option vests in forty-eight equal monthly installments beginning on March 10, 2009.
- (3) The option vests in forty-eight equal monthly installments beginning on September 10, 2009.
- (4) The option vests in thirty-six equal monthly installments beginning on March 5, 2010.
- (5) The option vests in forty-eight equal monthly installments beginning on March 5, 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.