

**FORM 5**

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

OMB APPROVAL	
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**ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

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

Form 3 Holdings Reported.

Form 4 Transactions Reported.

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* <u>O'Brien Robert W Jr</u>  (Last) (First) (Middle) 5555 N.E. MOORE CT.  (Street) HILLSBORO OR 97124  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>LATTICE SEMICONDUCTOR CORP [ LSCC ]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  Director 10% Owner Officer (give title below) <input checked="" type="checkbox"/> Other (specify below) <b>Corporate Controller</b>
	3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) 01/02/2010	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <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. 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 at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
				Amount	(A) or (D)	Price			
Common Stock	05/06/2009		M	137	A	\$0 <sup>(1)</sup>	3,204	D	
Common Stock	05/06/2009		F <sup>(2)</sup>	57	D	\$1.79	3,147	D	
Common Stock	08/06/2009		M	138	A	\$0 <sup>(1)</sup>	3,285	D	
Common Stock	08/06/2009		F <sup>(2)</sup>	57	D	\$2.22	3,228	D	

**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 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: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
					(A)	(D)	Date Exercisable	Expiration Date						Title
Restricted Stock Unit (RSU)	\$0 <sup>(3)</sup>	05/06/2009		M		137	(4)	(4)	Common Stock	137	\$0	1,238	D	
Restricted Stock Unit (RSU)	\$0 <sup>(3)</sup>	08/06/2009		M		138	(4)	(4)	Common Stock	138	\$0	1,100	D	

**Explanation of Responses:**

1. Restricted Stock Units - no purchase price for this transaction.
2. These shares were retained by the Issuer in order to meet the tax withholding obligations of the Reporting Person in connection with the vesting of an installment of the restricted stock units. The amount retained by the Issuer was not in excess of the amount of the tax liability.
3. Restricted Stock Units - no exercise price for this transaction.
4. 2,200 Restricted Stock Units (RSUs) were granted on 8/6/07 and vest, in whole shares as follows: 6.25% of the RSU grant shall vest on 11/6/07, and an additional 6.25% of the RSUs vest on each three months thereafter until 100% of the RSU grant is vested on 8/6/11.

/s/ Robert W. O'Brien 02/08/2010

\*\* 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 Number.