SEC Form 3

FORM 3

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

## **INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

OMB APPROVAL

OMB Number: 3235-0104 Estimated average burden hours per response: 0.5

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* ABE ATSUSHI			2. Date of Event Requiring Stater (Month/Day/Year 02/16/2011	nent	3. Issuer Name and Ticker or Trading Symbol ON SEMICONDUCTOR CORP [ ONNN ]							
(Last) (First) (Middle) 5005 EAST MCDOWELL ROAD					4. Relationship of Reporting Perso (Check all applicable) X Director		on(s) to Issuer 10% Owner		5. If Amendment, Date of Original Filed (Month/Day/Year)			
						Officer (give title below)	Other (spe below)	ſ	Appli	6. Individual or Joint/Group Filing (Check Applicable Line)		
(Street) PHOENIX	AZ	85008							Х		y One Reporting Person y More than One erson	
(City)	(State)	(Zip)										
Table I - Non-Derivative Securities Beneficially Owned												
1. Title of Security (Instr. 4)					2. Amount of Securities Beneficially Owned (Instr. 4)		3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)		4. Nature of Indirect Beneficial Ownership (Instr. 5)			
Table II - Derivative Securities Beneficially Owned           (e.g., puts, calls, warrants, options, convertible securities)												
1. Title of Derivative Security (Instr. 4)			2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Secur Underlying Derivative Securi			4. Convers	cise	5. Ownership Form:	6. Nature of Indirect Beneficial Ownership (Instr. 5)	
Explanation of			Date Exercisable	Expiration Date	n Title		Amount or Number of Shares	Price of Derivati Security	ive	Direct (D) or Indirect (I) (Instr. 5)		

Remarks:

Judith A. Boyle is signing on behalf of the Reporting Person pursuant to a Power of Attorney attached herein as an exhibit. abe2011poa.txt No securities are beneficially owned.

> Judith A. Boyle, Attorney-in-02/22/2011 **Fact**

\*\* 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 5 (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.

POWER OF ATTORNEY (Atsushi Abe)

I hereby appoint Keith D. Jackson, George H. Cave and Judith A. Boyle, and each of them, attorney-in-fact for me, each with full power of substitution, to prepare, execute and deliver on my behalf reports required to be filed by me pursuant to Section 16 of the Securities Exchange Act of 1934, as amended ("Section 16"), and Rule 144 and Rule 145 under the Securities Act of 1933 (singly or collectively ("Rule 144")), and any and all related documents and instruments. Among other things, each attorney-in-fact is authorized to file original reports (either electronically or otherwise), signed by me or on my behalf, on Forms 3, 4 and 5, and Form 144 with the Securities and Exchange Commission, any and all related documents and instruments, and to provide any necessary copies of such signed forms, documents and instruments to The NASDAQ Stock Market and ON Semiconductor Corporation as required by the rules under Section 16 and Rule 144 as in effect from time to time.

This power of attorney is effective from the date hereof until April 15, 2012, unless earlier revoked or terminated.

/s/ ATSUSHI ABE Atsushi Abe

Dated: February 16, 2011