

Cabou Christian
Form 4
December 27, 2010

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
Cabou Christian

2. Issuer Name and Ticker or Trading Symbol
ILLUMINA INC [ILMN]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
9885 TOWNE CENTRE DRIVE
(Street)

3. Date of Earliest Transaction (Month/Day/Year)
12/22/2010

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
Sr VP & General Counsel

SAN DIEGO, CA 92121-1975

4. If Amendment, Date Original Filed (Month/Day/Year)

6. Individual or Joint/Group Filing (Check Applicable Line)
 Form filed by One Reporting Person
____ Form filed by More than One Reporting Person

(City) (State) (Zip)

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 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	12/22/2010		M		9,800 (1) A \$ 13.7	D	
Common Stock	12/22/2010		S		9,800 (1) D \$ 64.148 (2)	D	
Common Stock	12/22/2010		M		200 (1) A \$ 13.7	D	
Common Stock	12/22/2010		S		200 (1) D \$ 64.98 (3)	D	
Common Stock	12/22/2010		M		4,800 (1) A \$ 20.04	D	

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Common Stock	12/22/2010	S	4,800 (1)	D	\$ 64.146 (4)	25,338	D	
Common Stock	12/22/2010	M	200 (1)	A	\$ 20.04	25,538	D	
Common Stock	12/22/2010	S	200 (1)	D	\$ 64.95 (5)	25,338	D	
Common Stock	12/22/2010	M	6,800 (1)	A	\$ 32.485	32,138	D	
Common Stock	12/22/2010	S	6,800 (1)	D	\$ 64.1504 (6)	25,338	D	
Common Stock	12/22/2010	M	200 (1)	A	\$ 32.485	25,538	D	
Common Stock	12/22/2010	S	200 (1)	D	\$ 64.965 (7)	25,338	D	
Common Stock						1,000	I	by Spouse

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

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.

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(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 Security (Instr. 3 and 4)		
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Am or Num of S
Non-Qualified Stock Option (right to buy)	\$ 13.7	12/22/2010		M	10,000 (1)	05/30/2007	05/30/2016	Common Stock	10
Non-Qualified Stock Option (right to buy)	\$ 20.04	12/22/2010		M	5,000 (1)	02/25/2007	01/25/2017	Common Stock	5,
Non-Qualified Stock Option	\$ 32.485	12/22/2010		M	7,000 (1)	02/29/2008	01/29/2018	Common Stock	7,

(right to buy)

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Cabou Christian 9885 TOWNE CENTRE DRIVE SAN DIEGO, CA 92121-1975			Sr VP & General Counsel	

Signatures

By: Scott M. Davies For: Christian G. Cabou 12/27/2010

__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 was made pursuant to a 10b5-1 plan.
 - (2) Weighted average sale price representing 9,800 shares sold ranging from \$63.85 to \$64.79 per share. Number of shares sold at each separate price will be made available to the SEC staff, the issuer, or a security holder of the issuer upon request.
 - (3) Weighted average sale price representing 200 shares sold ranging from \$64.97 to \$64.99 per share. Number of shares sold at each separate price will be made available to the SEC staff, the issuer, or a security holder of the issuer upon request.
 - (4) Weighted average sale price representing 4,800 shares sold ranging from \$63.88 to \$64.8198 per share. Number of shares sold at each separate price will be made available to the SEC staff, the issuer, or a security holder of the issuer upon request.
 - (5) Weighted average sale price representing 200 shares sold ranging from \$64.92 to \$64.98 per share. Number of shares sold at each separate price will be made available to the SEC staff, the issuer, or a security holder of the issuer upon request.
 - (6) Weighted average sale price representing 6,800 shares sold ranging from \$63.87 to \$64.81 per share. Number of shares sold at each separate price will be made available to the SEC staff, the issuer, or a security holder of the issuer upon request.
 - (7) Weighted average sale price representing 200 shares sold ranging from \$64.92 to \$65.01 per share. Number of shares sold at each separate price will be made available to the SEC staff, the issuer, or a security holder of the issuer upon request.

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.