

Cabou Christian
Form 4
July 30, 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

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

SAN DIEGO, CA 92121-1975

(City) (State) (Zip)

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

3. Date of Earliest Transaction (Month/Day/Year)
07/28/2010

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 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 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	07/28/2010		M	15,000 (1) A \$ 13.7	40,167	D	
Common Stock	07/28/2010		S	15,000 (1) D \$ 44.48	25,167	D	
Common Stock	07/28/2010		M	5,000 (1) A \$ 28.45	30,167	D	
Common Stock	07/28/2010		S	5,000 (1) D \$ 44.48	25,167	D	
Common Stock					1,000	I	by Spouse

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

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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)
Non-Qualified Stock Option (right to buy)	\$ 13.7	07/28/2010		M	15,000 (1)	05/30/2007 05/30/2016	Common Stock 15
Non-Qualified Stock Option (right to buy)	\$ 28.45	07/28/2010		M	5,000 (1)	02/28/2009 01/28/2019	Common Stock 5,

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 07/30/2010

__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.

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

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