Cabou Christian Form 4 October 29, 2010

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Check this box if no longer subject to Section 16. Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Expires: 2005 Estimated average burden hours per response... 0.5

OMB APPROVAL

3235-0287

January 31,

OMB

Number:

Form 5 obligations may continue. See Instruction 1(b).

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

5. Relationship of Reporting Person(s) to Issuer

Symbol

(Last) (First) ILLUMINA INC [ILMN] 3. Date of Earliest Transaction

(Check all applicable)

(Month/Day/Year)

Director 10% Owner _X__ Officer (give title _ Other (specify below)

9885 TOWNE CENTRE DRIVE

(Middle)

10/27/2010

Sr VP & General Counsel

(Street)

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

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

SAN DIEGO, CA 92121-1975

(City)	(State)	(Zip) Tab	le I - Non-	Derivativ	e Secu	rities Acqui	red, Disposed of,	or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. 4. Securities Acquired (A) Transaction Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)	(III3u. +)	
Common Stock	10/27/2010		M	9,779 (1)	A	\$ 13.7	35,117	D	
Common Stock	10/27/2010		S	9,779 (1)	D	\$ 54.9993 (2)	25,338	D	
Common Stock	10/27/2010		M	5,221 (1)	A	\$ 13.7	30,559	D	
Common Stock	10/27/2010		S	5,221 (1)	D	\$ 55.8588 (3)	25,338	D	
	10/27/2010		M		A	\$ 28.45	29,038	D	

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Common Stock			3,700 (1)					
Common Stock	10/27/2010	S	3,700 D	\$ 55 (4)	.106	25,338	D	
Common Stock	10/27/2010	M	800 (1) A	\$ 28	.45	26,138	D	
Common Stock	10/27/2010	S	800 <u>(1)</u> D	\$ 56.0 (5)	863	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.

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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)	Code	5. Number of orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	Expiration Dat (Month/Day/Y			Amou Secur 4)
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Am or Nu of S
Non-Qualified Stock Option (right to buy)	\$ 13.7	10/27/2010		M	15,000 (1)	05/30/2007	05/30/2016	Common Stock	15
Non-Qualified Stock Option (right to buy)	\$ 28.45	10/27/2010		M	4,500 (1)	02/28/2009	01/28/2019	Common Stock	4,

Reporting Owners

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

Reporting Owners 2

Signatures

By: Scott M. Davies For: Christian G.
Cabou

10/29/2010

**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 9,779 shares sold ranging from \$54.52 to \$55.51 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 5,221 shares sold ranging from \$55.53 to \$56.94 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 3,700 shares sold ranging from \$54.69 to \$55.68 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.
- Weighted average sale price representing 800 shares sold ranging from \$55.71 to \$56.62 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.

Signatures 3