

Edgar Filing: ILLUMINA INC - Form SC 13G/A

ILLUMINA INC  
Form SC 13G/A  
January 06, 2015

SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

---

Schedule 13G/A

---

INFORMATION TO BE INCLUDED IN STATEMENTS PURSUANT TO RULES 13d-1(b), (c)  
AND (d) AND AMENDMENTS THERETO FILED PURSUANT TO 13d-2  
UNDER THE SECURITIES EXCHANGE ACT OF 1934\*

(Amendment No. 1)

Illumina, Inc.  
(Name of Issuer)

Common Stock  
(Title of Class of Securities)

452327109  
(CUSIP Number)

January 2, 2015  
(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this  
Schedule is filed:

- Rule 13d-1(b)  
 Rule 13d-1(c)  
 Rule 13d-1(d)

---

\* The remainder of this cover page shall be filled out for a reporting  
person's initial filing on this form with respect to the subject class of  
securities, and for any subsequent amendment containing information which  
would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not  
be deemed to be "filed" for the purpose of Section 18 of the Securities  
Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that  
section of the Act but shall be subject to all other provisions of the Act  
(however, see the Notes).

Schedule 13G/A

PAGE 2 of 21

CUSIP No. 452327109

---

(1) NAME OF REPORTING PERSON  
S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON  
Viking Global Investors LP

---

(2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP

(a)   
(b)

Edgar Filing: ILLUMINA INC - Form SC 13G/A

---

(3) SEC USE ONLY

---

(4) CITIZENSHIP OR PLACE OF ORGANIZATION  
Delaware

---

NUMBER OF (5) SOLE VOTING POWER  
SHARES 0

---

BENEFICIALLY (6) SHARED VOTING POWER  
OWNED BY 8,189,589

---

EACH (7) SOLE DISPOSITIVE POWER  
REPORTING 0

---

PERSON WITH (8) SHARED DISPOSITIVE POWER  
8,189,589

---

(9) AGGREGATE AMOUNT BENEFICIALLY OWNED  
BY EACH REPORTING PERSON  
8,189,589

---

(10) CHECK BOX IF THE AGGREGATE AMOUNT  
IN ROW (9) EXCLUDES CERTAIN SHARES [ ]

---

(11) PERCENT OF CLASS REPRESENTED  
BY AMOUNT IN ROW (9)  
5.8%

---

(12) TYPE OF REPORTING PERSON  
PN

---

Schedule 13G/A

PAGE 3 of 21

CUSIP No. 452327109

---

(1) NAME OF REPORTING PERSON  
S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON  
Viking Global Performance LLC

---

(2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  
(a) [ ]  
(b) [x]

---

(3) SEC USE ONLY

---

(4) CITIZENSHIP OR PLACE OF ORGANIZATION  
Delaware

---

NUMBER OF (5) SOLE VOTING POWER  
SHARES 0

---

Edgar Filing: ILLUMINA INC - Form SC 13G/A

BENEFICIALLY (6) SHARED VOTING POWER  
5,478,198  
OWNED BY \_\_\_\_\_

EACH (7) SOLE DISPOSITIVE POWER  
0  
REPORTING \_\_\_\_\_

PERSON WITH (8) SHARED DISPOSITIVE POWER  
5,478,198  
\_\_\_\_\_

(9) AGGREGATE AMOUNT BENEFICIALLY OWNED  
BY EACH REPORTING PERSON  
5,478,198  
\_\_\_\_\_

(10) CHECK BOX IF THE AGGREGATE AMOUNT  
IN ROW (9) EXCLUDES CERTAIN SHARES [ ]  
\_\_\_\_\_

(11) PERCENT OF CLASS REPRESENTED  
BY AMOUNT IN ROW (9)  
3.9%  
\_\_\_\_\_

(12) TYPE OF REPORTING PERSON  
OO  
\_\_\_\_\_

Schedule 13G/A

PAGE 4 of 21

CUSIP No. 452327109

(1) NAME OF REPORTING PERSON  
S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON  
Viking Global Equities LP  
\_\_\_\_\_

(2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  
(a) [ ]  
(b) [x]  
\_\_\_\_\_

(3) SEC USE ONLY  
\_\_\_\_\_

(4) CITIZENSHIP OR PLACE OF ORGANIZATION  
Delaware  
\_\_\_\_\_

NUMBER OF (5) SOLE VOTING POWER  
0  
SHARES \_\_\_\_\_

BENEFICIALLY (6) SHARED VOTING POWER  
1,868,070  
OWNED BY \_\_\_\_\_

EACH (7) SOLE DISPOSITIVE POWER  
0  
REPORTING \_\_\_\_\_

PERSON WITH (8) SHARED DISPOSITIVE POWER  
1,868,070  
\_\_\_\_\_

Edgar Filing: ILLUMINA INC - Form SC 13G/A

---

(9) AGGREGATE AMOUNT BENEFICIALLY OWNED  
BY EACH REPORTING PERSON  
1,868,070

---

(10) CHECK BOX IF THE AGGREGATE AMOUNT  
IN ROW (9) EXCLUDES CERTAIN SHARES [ ]

---

(11) PERCENT OF CLASS REPRESENTED  
BY AMOUNT IN ROW (9)  
1.3%

---

(12) TYPE OF REPORTING PERSON  
PN

---

Schedule 13G/A

PAGE 5 of 21

CUSIP No. 452327109

---

(1) NAME OF REPORTING PERSON  
S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON  
Viking Global Equities II LP

---

(2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  
(a) [ ]  
(b) [x]

---

(3) SEC USE ONLY

---

(4) CITIZENSHIP OR PLACE OF ORGANIZATION  
Delaware

---

---

NUMBER OF (5) SOLE VOTING POWER  
SHARES 0

---

BENEFICIALLY (6) SHARED VOTING POWER  
OWNED BY 109,565

---

EACH (7) SOLE DISPOSITIVE POWER  
REPORTING 0

---

PERSON WITH (8) SHARED DISPOSITIVE POWER  
109,565

---

---

(9) AGGREGATE AMOUNT BENEFICIALLY OWNED  
BY EACH REPORTING PERSON  
109,565

---

(10) CHECK BOX IF THE AGGREGATE AMOUNT  
IN ROW (9) EXCLUDES CERTAIN SHARES [ ]

---

(11) PERCENT OF CLASS REPRESENTED  
BY AMOUNT IN ROW (9)  
0.1%

---

Edgar Filing: ILLUMINA INC - Form SC 13G/A

---

(12) TYPE OF REPORTING PERSON  
PN

---

Schedule 13G/A

PAGE 6 of 21

CUSIP No. 452327109

---

(1) NAME OF REPORTING PERSON  
S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON  
VGE III Portfolio Ltd.

---

(2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP

(a)

(b)

---

(3) SEC USE ONLY

---

(4) CITIZENSHIP OR PLACE OF ORGANIZATION  
Cayman Islands

---

NUMBER OF (5) SOLE VOTING POWER  
SHARES 0

---

BENEFICIALLY (6) SHARED VOTING POWER  
OWNED BY 3,500,563

---

EACH (7) SOLE DISPOSITIVE POWER  
REPORTING 0

---

PERSON WITH (8) SHARED DISPOSITIVE POWER  
3,500,563

---

(9) AGGREGATE AMOUNT BENEFICIALLY OWNED  
BY EACH REPORTING PERSON  
3,500,563

---

(10) CHECK BOX IF THE AGGREGATE AMOUNT  
IN ROW (9) EXCLUDES CERTAIN SHARES

---

(11) PERCENT OF CLASS REPRESENTED  
BY AMOUNT IN ROW (9)  
2.5%

---

(12) TYPE OF REPORTING PERSON  
CO

---

Schedule 13G/A

PAGE 7 of 21

CUSIP No. 452327109

---

Edgar Filing: ILLUMINA INC - Form SC 13G/A

(1) NAME OF REPORTING PERSON  
S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON  
Viking Long Fund GP LLC

(2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  
(a)   
(b)

(3) SEC USE ONLY

(4) CITIZENSHIP OR PLACE OF ORGANIZATION  
Delaware

NUMBER OF (5) SOLE VOTING POWER  
SHARES 0

BENEFICIALLY (6) SHARED VOTING POWER  
OWNED BY 2,245,691

EACH (7) SOLE DISPOSITIVE POWER  
REPORTING 0

PERSON WITH (8) SHARED DISPOSITIVE POWER  
2,245,691

(9) AGGREGATE AMOUNT BENEFICIALLY OWNED  
BY EACH REPORTING PERSON  
2,245,691

(10) CHECK BOX IF THE AGGREGATE AMOUNT  
IN ROW (9) EXCLUDES CERTAIN SHARES

(11) PERCENT OF CLASS REPRESENTED  
BY AMOUNT IN ROW (9)  
1.6%

(12) TYPE OF REPORTING PERSON  
OO

Schedule 13G/A

PAGE 8 of 21

CUSIP No. 452327109

(1) NAME OF REPORTING PERSON  
S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON  
Viking Long Fund Master Ltd.

(2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  
(a)   
(b)

(3) SEC USE ONLY

Edgar Filing: ILLUMINA INC - Form SC 13G/A

(4) CITIZENSHIP OR PLACE OF ORGANIZATION  
Cayman Islands

---

NUMBER OF (5) SOLE VOTING POWER  
SHARES 0

---

BENEFICIALLY (6) SHARED VOTING POWER  
OWNED BY 2,245,691

---

EACH (7) SOLE DISPOSITIVE POWER  
REPORTING 0

---

PERSON WITH (8) SHARED DISPOSITIVE POWER  
2,245,691

---

(9) AGGREGATE AMOUNT BENEFICIALLY OWNED  
BY EACH REPORTING PERSON  
2,245,691

---

(10) CHECK BOX IF THE AGGREGATE AMOUNT  
IN ROW (9) EXCLUDES CERTAIN SHARES [ ]

---

(11) PERCENT OF CLASS REPRESENTED  
BY AMOUNT IN ROW (9)  
1.6%

---

(12) TYPE OF REPORTING PERSON  
CO

---

Schedule 13G/A

PAGE 9 of 21

CUSIP No. 452327109

---

(1) NAME OF REPORTING PERSON  
S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON  
Viking Global Opportunities GP LLC

---

(2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  
(a) [ ]  
(b) [x]

---

(3) SEC USE ONLY

---

(4) CITIZENSHIP OR PLACE OF ORGANIZATION  
Delaware

---

NUMBER OF (5) SOLE VOTING POWER  
SHARES 0

---

BENEFICIALLY (6) SHARED VOTING POWER  
OWNED BY 465,700

---

Edgar Filing: ILLUMINA INC - Form SC 13G/A

EACH (7) SOLE DISPOSITIVE POWER  
0  
REPORTING

---

PERSON WITH (8) SHARED DISPOSITIVE POWER  
465,700

---

(9) AGGREGATE AMOUNT BENEFICIALLY OWNED  
BY EACH REPORTING PERSON  
465,700

---

(10) CHECK BOX IF THE AGGREGATE AMOUNT  
IN ROW (9) EXCLUDES CERTAIN SHARES [ ]

---

(11) PERCENT OF CLASS REPRESENTED  
BY AMOUNT IN ROW (9)  
0.3%

---

(12) TYPE OF REPORTING PERSON  
OO

---

Schedule 13G/A

PAGE 10 of 21

CUSIP No. 452327109

---

(1) NAME OF REPORTING PERSON  
S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON  
VGO Portfolio GP LLC

---

(2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  
(a) [ ]  
(b) [x]

---

(3) SEC USE ONLY

---

(4) CITIZENSHIP OR PLACE OF ORGANIZATION  
Delaware

---

NUMBER OF (5) SOLE VOTING POWER  
0  
SHARES

---

BENEFICIALLY (6) SHARED VOTING POWER  
465,700  
OWNED BY

---

EACH (7) SOLE DISPOSITIVE POWER  
0  
REPORTING

---

PERSON WITH (8) SHARED DISPOSITIVE POWER  
465,700

---

(9) AGGREGATE AMOUNT BENEFICIALLY OWNED  
BY EACH REPORTING PERSON  
465,700



Edgar Filing: ILLUMINA INC - Form SC 13G/A

---

(10) CHECK BOX IF THE AGGREGATE AMOUNT  
IN ROW (9) EXCLUDES CERTAIN SHARES [ ]

---

(11) PERCENT OF CLASS REPRESENTED  
BY AMOUNT IN ROW (9)  
0.3%

---

(12) TYPE OF REPORTING PERSON  
OO

---

Schedule 13G/A

PAGE 11 of 21

CUSIP No. 452327109

---

(1) NAME OF REPORTING PERSON  
S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON  
VGO Liquid Portfolio Sub-Master LP

---

(2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) [ ]  
(b) [x]

---

(3) SEC USE ONLY

---

(4) CITIZENSHIP OR PLACE OF ORGANIZATION  
Cayman Islands

---

NUMBER OF (5) SOLE VOTING POWER  
SHARES 0

---

BENEFICIALLY (6) SHARED VOTING POWER  
OWNED BY 465,700

---

EACH (7) SOLE DISPOSITIVE POWER  
REPORTING 0

---

PERSON WITH (8) SHARED DISPOSITIVE POWER  
465,700

---

(9) AGGREGATE AMOUNT BENEFICIALLY OWNED  
BY EACH REPORTING PERSON  
465,700

---

(10) CHECK BOX IF THE AGGREGATE AMOUNT  
IN ROW (9) EXCLUDES CERTAIN SHARES [ ]

---

(11) PERCENT OF CLASS REPRESENTED  
BY AMOUNT IN ROW (9)  
0.3%

---

(12) TYPE OF REPORTING PERSON  
PN

---

Edgar Filing: ILLUMINA INC - Form SC 13G/A

Schedule 13G/A

PAGE 12 of 21

CUSIP No. 452327109

---

(1) NAME OF REPORTING PERSON  
S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON  
O. Andreas Halvorsen

---

(2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  
(a) [ ]  
(b) [x]

---

(3) SEC USE ONLY

---

(4) CITIZENSHIP OR PLACE OF ORGANIZATION  
Norway

---

NUMBER OF SHARES	(5) SOLE VOTING POWER 0
BENEFICIALLY OWNED BY	(6) SHARED VOTING POWER 8,189,589
EACH REPORTING PERSON WITH	(7) SOLE DISPOSITIVE POWER 0
	(8) SHARED DISPOSITIVE POWER 8,189,589

---

(9) AGGREGATE AMOUNT BENEFICIALLY OWNED  
BY EACH REPORTING PERSON  
8,189,589

---

(10) CHECK BOX IF THE AGGREGATE AMOUNT  
IN ROW (9) EXCLUDES CERTAIN SHARES [ ]

---

(11) PERCENT OF CLASS REPRESENTED  
BY AMOUNT IN ROW (9)  
5.8%

---

(12) TYPE OF REPORTING PERSON  
IN

---

Schedule 13G/A

PAGE 13 of 21

CUSIP No. 452327109

---

(1) NAME OF REPORTING PERSON  
S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON  
David C. Ott

Edgar Filing: ILLUMINA INC - Form SC 13G/A

---

(2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) [ ]  
(b) [x]

---

(3) SEC USE ONLY

---

(4) CITIZENSHIP OR PLACE OF ORGANIZATION  
United States

---

NUMBER OF (5) SOLE VOTING POWER  
SHARES 0

---

BENEFICIALLY (6) SHARED VOTING POWER  
OWNED BY 8,189,589

---

EACH (7) SOLE DISPOSITIVE POWER  
REPORTING 0

---

PERSON WITH (8) SHARED DISPOSITIVE POWER  
8,189,589

---

(9) AGGREGATE AMOUNT BENEFICIALLY OWNED  
BY EACH REPORTING PERSON  
8,189,589

---

(10) CHECK BOX IF THE AGGREGATE AMOUNT  
IN ROW (9) EXCLUDES CERTAIN SHARES [ ]

---

(11) PERCENT OF CLASS REPRESENTED  
BY AMOUNT IN ROW (9)  
5.8%

---

(12) TYPE OF REPORTING PERSON  
IN

---

Schedule 13G/A

PAGE 14 of 21

CUSIP No. 452327109

---

(1) NAME OF REPORTING PERSON  
S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON  
Thomas W. Purcell, Jr.

---

(2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) [ ]  
(b) [x]

---

(3) SEC USE ONLY

---

Edgar Filing: ILLUMINA INC - Form SC 13G/A

(4) CITIZENSHIP OR PLACE OF ORGANIZATION  
United States

---

NUMBER OF (5) SOLE VOTING POWER  
SHARES 0

---

BENEFICIALLY (6) SHARED VOTING POWER  
OWNED BY 8,189,589

---

EACH (7) SOLE DISPOSITIVE POWER  
REPORTING 0

---

PERSON WITH (8) SHARED DISPOSITIVE POWER  
8,189,589

---

(9) AGGREGATE AMOUNT BENEFICIALLY OWNED  
BY EACH REPORTING PERSON  
8,189,589

---

(10) CHECK BOX IF THE AGGREGATE AMOUNT  
IN ROW (9) EXCLUDES CERTAIN SHARES [ ]

---

(11) PERCENT OF CLASS REPRESENTED  
BY AMOUNT IN ROW (9)  
5.8%

---

(12) TYPE OF REPORTING PERSON  
IN

---

Schedule 13G/A

PAGE 15 of 21

CUSIP No. 452327109

---

(1) NAME OF REPORTING PERSON  
S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON  
Daniel S. Sundheim

---

(2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  
(a) [ ]  
(b) [x]

---

(3) SEC USE ONLY

---

(4) CITIZENSHIP OR PLACE OF ORGANIZATION  
United States

---

NUMBER OF (5) SOLE VOTING POWER  
SHARES 0

---

Edgar Filing: ILLUMINA INC - Form SC 13G/A

BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	(6)	SHARED VOTING POWER 8,189,589	
	(7)	SOLE DISPOSITIVE POWER 0	
	(8)	SHARED DISPOSITIVE POWER 8,189,589	
<hr/>			
(9)	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
	8,189,589		
<hr/>			
(10)	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES		[ ]
<hr/>			
(11)	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)		
	5.8%		
<hr/>			
(12)	TYPE OF REPORTING PERSON IN		

Schedule 13G/A

PAGE 16 of 21

CUSIP No. 452327109

ITEM 1(a). NAME OF ISSUER:  
Illumina, Inc.

ITEM 1(b). ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES:  
5200 Illumina Way  
San Diego, California 92122

ITEM 2(a). NAME OF PERSON FILING:  
Viking Global Investors LP ("VGI"),  
Viking Global Performance LLC ("VGP"),  
Viking Global Equities LP ("VGE"),  
Viking Global Equities II LP ("VGEII"),  
VGE III Portfolio Ltd. ("VGEIII"),  
Viking Long Fund GP LLC ("VLFGP"),  
Viking Long Fund Master Ltd. ("VLFM"),  
Viking Global Opportunities GP LLC ("VGOGP"),  
VGO Portfolio GP LLC ("VGOP"),  
VGO Liquid Portfolio Sub-Master LP ("VGOLP"),  
O. Andreas Halvorsen, David C. Ott, Thomas W. Purcell, Jr. and  
Daniel S. Sundheim (collectively, the "Reporting Persons")

ITEM 2(b). ADDRESS OF PRINCIPAL OFFICE OR, IF NONE, RESIDENCE:  
The business address of each of the Reporting Persons is  
55 Railroad Avenue, Greenwich, Connecticut 06830.

ITEM 2(c). CITIZENSHIP:  
VGI, VGE and VGEII are Delaware limited partnerships;  
VGEIII and VLFM are Cayman Islands exempted companies;  
VGP, VLFGP, VGOGP and VGOP are Delaware limited liability  
companies; and VGOLP is a Cayman Islands exempted limited

## Edgar Filing: ILLUMINA INC - Form SC 13G/A

partnership. O. Andreas Halvorsen is a citizen of Norway. David C. Ott, Thomas W. Purcell, Jr. and Daniel S. Sundheim are citizens of the United States.

ITEM 2(d). TITLE OF CLASS OF SECURITIES:  
Common Stock ("Common Stock")

ITEM 2(e). CUSIP NUMBER: 452327109

ITEM 3. IF THIS STATEMENT IS FILED PURSUANT TO 13d-1(b) OR 13d-2(b) OR (c), CHECK WHETHER THE PERSON FILING IS A:

- (a)  Broker or dealer registered under Section 15 of the Act
- (b)  Bank as defined in Section 3(a)(6) of the Act
- (c)  Insurance Company as defined in Section 3(a)(19) of the Act
- (d)  Investment Company registered under Section 8 of the Investment Company Act of 1940
- (e)  Investment Adviser registered under Section 203 of the Investment Advisers Act of 1940: see Rule 13d-1(b)(1)(ii)(E)
- (f)  Employee Benefit Plan, Pension Fund which is subject to the provisions of the Employee Retirement Income Security Act of 1974 or Endowment Fund; see Rule 13d-1(b)(1)(ii)(F)

Schedule 13G/A

PAGE 17 of 21

CUSIP No. 452327109

- (g)  Parent Holding Company, in accordance with Rule 13d-1(b)(ii)(G)
- (h)  Savings Associations as defined in Section 3(b) of the Federal Deposit Insurance Act
- (i)  Church Plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act of 1940
- (j)  A non-U.S. institution in accordance with Rule 240.13d-1(b)(1)(ii)(J)
- (k)  Group, in accordance with Rule 240.13d-1(b)(1)(ii)(K). If filing as a non-U.S. institution in accordance with Rule 240.13d-1(b)(1)(ii)(J), please specify the type of institution:

ITEM 4. OWNERSHIP.

A. VGI

- (a) Amount beneficially owned: 8,189,589
- (b) Percent of class: 5.8%

The percentages used herein and in this Item 4 are calculated based

## Edgar Filing: ILLUMINA INC - Form SC 13G/A

upon the Company's Form 10-Q for the quarterly period ended September 28, 2014 filed on October 29, 2014, which states that as of October 8, 2014 there were 142,000,000 shares of Common Stock outstanding.

- (c) Number of shares as to which such person has:
- (i) sole power to vote or to direct the vote  
0
  - (ii) shared power to vote or to direct the vote  
8,189,589
  - (iii) sole power to dispose or to direct the disposition  
of 0
  - (iv) shared power to dispose or to direct the disposition  
of 8,189,589

VGI provides managerial services to VGE, VGEII, VGEIII, VLFM and VGOLP. VGI has the authority to dispose of and vote the shares of Common Stock.

Based on Rule 13d-3 of the Securities Exchange Act of 1934, as amended (the "Act"), VGI may be deemed to beneficially own the shares of Common Stock directly held by VGE, VGEII, VGEIII, VLFM and VGOLP. VGI does not directly own any shares of Common Stock.

Schedule 13G/A

PAGE 18 of 21

CUSIP No. 452327109

### B. VGP

- (a) Amount beneficially owned: 5,478,198
- (b) Percent of class: 3.9%
- (c) Number of shares as to which such person has:
  - (i) sole power to vote or to direct the vote  
0
  - (ii) shared power to vote or to direct the vote  
5,478,198
  - (iii) sole power to dispose or to direct the disposition  
of 0
  - (iv) shared power to dispose or to direct the disposition  
of 5,478,198

VGP, as the general partner of VGE and VGEII, has the authority to dispose of and vote the shares of Common Stock directly owned by VGE and VGEII. VGP serves as investment manager to VGEIII and has the authority to dispose of and vote the shares of Common Stock directly owned by VGEIII. VGP does not directly own any shares of Common Stock.

Based on Rule 13d-3 of the Act, VGP may be deemed to beneficially own the shares of Common Stock directly held by VGE, VGEII and VGEIII.

### C. VLFGP

- (a) Amount beneficially owned: 2,245,691
- (b) Percent of class: 1.6%
- (c) Number of shares as to which such person has:
  - (i) sole power to vote or to direct the vote  
0
  - (ii) shared power to vote or to direct the vote  
2,245,691

## Edgar Filing: ILLUMINA INC - Form SC 13G/A

- (iii) sole power to dispose or to direct the disposition of 0
- (iv) shared power to dispose or to direct the disposition of 2,245,691

VLFGP serves as the investment manager of VLFM and has the authority to dispose of and vote the shares of Common Stock directly owned by VLFM. VLFGP does not directly own any shares of Common Stock.

Based on Rule 13d-3 of the Act, VLFGP may be deemed to beneficially own the shares of Common Stock directly held by VLFM.

### D. VGOGP

- (a) Amount beneficially owned: 465,700
- (b) Percent of class: 0.3%
- (c) Number of shares as to which such person has:
  - (i) sole power to vote or to direct the vote  
0
  - (ii) shared power to vote or to direct the vote  
465,700
  - (iii) sole power to dispose or to direct the disposition of 0
  - (iv) shared power to dispose or to direct the disposition of 465,700

VGOGP serves as the sole member of VGOP and has the authority to dispose of and vote the shares of Common Stock controlled by VGOP, which consists of the shares of Common Stock directly held by VGOLP. VGOGP does not directly own any shares of Common Stock.

Based on Rule 13d-3 of the Act, VGOGP may be deemed to beneficially own the shares of Common Stock controlled by VGOP, which consists of the shares of Common Stock directly held by VGOLP.

### E. VGOP

- (a) Amount beneficially owned: 465,700
- (b) Percent of class: 0.3%
- (c) Number of shares as to which such person has:
  - (i) sole power to vote or to direct the vote  
0
  - (ii) shared power to vote or to direct the vote  
465,700
  - (iii) sole power to dispose or to direct the disposition of 0
  - (iv) shared power to dispose or to direct the disposition of 465,700

VGOP serves as the general partner of VGOLP and has the authority to dispose of and vote the shares of Common Stock directly owned by VGOLP. VGOP does not directly own any shares of Common Stock.

Based on Rule 13d-3 of the Act, VGOP may be deemed to beneficially own the shares of Common Stock directly held by VGOLP.



Edgar Filing: ILLUMINA INC - Form SC 13G/A

Schedule 13G/A

PAGE 19 of 21

CUSIP No. 452327109

F. VGE

- (a) Amount beneficially owned: 1,868,070
- (b) Percent of class: 1.3%
- (c) Number of shares as to which such person has:
  - (i) sole power to vote or to direct the vote  
0
  - (ii) shared power to vote or to direct the vote  
1,868,070
  - (iii) sole power to dispose or to direct the disposition  
of 0
  - (iv) shared power to dispose or to direct the disposition  
of 1,868,070

VGE has the authority to dispose of and vote the shares of Common Stock directly owned by it, which power may be exercised by its general partner, VGP, and by VGI, an affiliate of VGP, which provides managerial services to VGE.

G. VGEII

- (a) Amount beneficially owned: 109,565
- (b) Percent of class: 0.1%
- (c) Number of shares as to which such person has:
  - (i) sole power to vote or to direct the vote  
0
  - (ii) shared power to vote or to direct the vote  
109,565
  - (iii) sole power to dispose or to direct the disposition  
of 0
  - (iv) shared power to dispose or to direct the disposition  
of 109,565

VGEII has the authority to dispose of and vote the shares of Common Stock directly owned by it, which power may be exercised by its general partner, VGP, and by VGI, an affiliate of VGP, which provides managerial services to VGEII.

H. VGEIII

- (a) Amount beneficially owned: 3,500,563
- (b) Percent of class: 2.5%
- (c) Number of shares as to which such person has:
  - (i) sole power to vote or to direct the vote  
0
  - (ii) shared power to vote or to direct the vote  
3,500,563
  - (iii) sole power to dispose or to direct the disposition  
of 0
  - (iv) shared power to dispose or to direct the disposition  
of 3,500,563

VGEIII has the authority to dispose of and vote the shares of Common Stock directly owned by it, which power may be exercised by its investment manager, VGP, and by VGI, an affiliate of VGP, which provides managerial services to VGEIII. Viking Global Equities III Ltd. (a Cayman Islands exempted company) invests substantially all of its assets through VGEIII.

I. VLFM

- (a) Amount beneficially owned: 2,245,691

Edgar Filing: ILLUMINA INC - Form SC 13G/A

- (b) Percent of class: 1.6%
- (c) Number of shares as to which such person has:
  - (i) sole power to vote or to direct the vote  
0
  - (ii) shared power to vote or to direct the vote  
2,245,691
  - (iii) sole power to dispose or to direct the disposition  
of 0
  - (iv) shared power to dispose or to direct the disposition  
of 2,245,691

VLFM has the authority to dispose of and vote the shares of Common Stock directly owned by it, which power may be exercised by its investment manager, VLFGP, and by VGI, an affiliate of VLFGP, which provides managerial services to VLFM. Viking Long Fund LP (a Delaware limited partnership) and Viking Long Fund III Ltd. (a Cayman Islands exempted company), through its investment in Viking Long Fund Intermediate LP (a Cayman Islands limited partnership), invest substantially all of their assets through VLFM.

J. VGOLP

- (a) Amount beneficially owned: 465,700
- (b) Percent of class: 0.3%
- (c) Number of shares as to which such person has:
  - (i) sole power to vote or to direct the vote  
0
  - (ii) shared power to vote or to direct the vote  
465,700
  - (iii) sole power to dispose or to direct the disposition  
of 0
  - (iv) shared power to dispose or to direct the disposition  
of 465,700

VGOLP has the authority to dispose of and vote the shares of Common Stock directly owned by it, which power may be exercised by its general partner, VGOP, and by VGI, an affiliate of VGOP, which provides managerial services to VGOLP. Viking Global Opportunities LP (a Delaware limited partnership) and Viking Global Opportunities III LP (a Cayman Islands exempted limited partnership), through its investment in Viking Global Opportunities Intermediate LP (a Cayman Islands exempted limited partnership), invest substantially all of their assets in Viking Global Opportunities Master LP (a Cayman Islands exempted limited partnership), which in turn invests through VGOLP.

Schedule 13G/A

PAGE 20 of 21

CUSIP No. 452327109

K. O. Andreas Halvorsen, David C. Ott, Thomas W. Purcell, Jr. and Daniel S. Sundheim

- (a) Amount beneficially owned: 8,189,589
- (b) Percent of class: 5.8%
- (c) Number of shares as to which such person has:
  - (i) sole power to vote or to direct the vote  
0
  - (ii) shared power to vote or to direct the vote  
8,189,589
  - (iii) sole power to dispose or to direct the disposition

Edgar Filing: ILLUMINA INC - Form SC 13G/A

of 0  
(iv) shared power to dispose or to direct the disposition  
of 8,189,589

Messrs. Halvorsen, Ott, Purcell and Sundheim, as  
Executive Committee Members of VGI, VGP, VLFGP and VGOGP,  
have shared authority to dispose of and vote the shares of  
Common Stock beneficially owned by VGI, VGP, VLFGP and VGOGP.  
None of Messrs. Halvorsen, Ott, Purcell and Sundheim directly  
owns any shares of Common Stock.

Based on Rule 13d-3 of the Act, each may be deemed to beneficially  
own the shares of Common Stock directly held by VGE, VGE II,  
VGEIII, VLFM and VGOLP.

- ITEM 5. OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS.  
If this statement is being filed to report the fact that as of the  
date hereof the Reporting Persons has ceased to be the beneficial  
owner of more than five percent of the class of securities,  
check the following.[]
- ITEM 6. OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON.  
Yes, see Item 4.
- ITEM 7. IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH ACQUIRED  
THE SECURITY BEING REPORTED ON BY THE PARENT HOLDING COMPANY.  
Not applicable.
- ITEM 8. IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP.  
Not applicable.
- ITEM 9. NOTICE OF DISSOLUTION OF GROUP.  
Not applicable.
- ITEM 10. CERTIFICATION. (if filing pursuant to Rule 13d-1(c))  
By signing below each Reporting Person certifies that, to the best  
of its knowledge and belief, the securities referred to above were not  
acquired and are not held for the purpose of or with the effect of  
changing or influencing the control of the issuer of the securities  
and were not acquired and not held in connection with or as a  
participant in any transaction having that purpose or effect.

Schedule 13G/A

PAGE 21 of 21

CUSIP No. 452327109

SIGNATURES

After reasonable inquiry and to the best of our knowledge and belief,  
the undersigned certify that the information set forth in this statement is  
true, complete and correct.

DATED: January 6, 2015

/s/ O. ANDREAS HALVORSEN  
By: O. Andreas Halvorsen - individually and  
as an Executive Committee Member of  
VIKING GLOBAL PERFORMANCE LLC, on behalf  
of itself and VIKING GLOBAL EQUITIES LP,  
VIKING GLOBAL EQUITIES II LP and VGE III PORTFOLIO LTD.,  
and as an Executive Committee Member of

Edgar Filing: ILLUMINA INC - Form SC 13G/A

Viking Global Partners LLC, on behalf of  
VIKING GLOBAL INVESTORS LP, and as  
an Executive Committee Member of  
VIKING LONG FUND GP LLC, on behalf of itself  
and VIKING LONG FUND MASTER LTD., and as  
an Executive Committee Member of  
VIKING GLOBAL OPPORTUNITIES GP LLC, on behalf  
of itself and VGO PORTFOLIO GP LLC and  
VGO LIQUID PORTFOLIO SUB-MASTER LP

/s/ DAVID C. OTT

By: David C. Ott - individually and  
as an Executive Committee Member of  
VIKING GLOBAL PERFORMANCE LLC, on behalf  
of itself and VIKING GLOBAL EQUITIES LP,  
VIKING GLOBAL EQUITIES II LP and VGE III PORTFOLIO LTD.,  
and as an Executive Committee Member of  
Viking Global Partners LLC, on behalf of  
VIKING GLOBAL INVESTORS LP, and as  
an Executive Committee Member of  
VIKING LONG FUND GP LLC, on behalf of itself  
and VIKING LONG FUND MASTER LTD., and as  
an Executive Committee Member of  
VIKING GLOBAL OPPORTUNITIES GP LLC, on behalf  
of itself and VGO PORTFOLIO GP LLC and  
VGO LIQUID PORTFOLIO SUB-MASTER LP

/s/ THOMAS W. PURCELL, JR.

By: Thomas W. Purcell, Jr. - individually and  
as an Executive Committee Member of  
VIKING GLOBAL PERFORMANCE LLC, on behalf  
of itself and VIKING GLOBAL EQUITIES LP,  
VIKING GLOBAL EQUITIES II LP and VGE III PORTFOLIO LTD.,  
and as an Executive Committee Member of  
Viking Global Partners LLC, on behalf of  
VIKING GLOBAL INVESTORS LP, and as  
an Executive Committee Member of  
VIKING LONG FUND GP LLC, on behalf of itself  
and VIKING LONG FUND MASTER LTD., and as  
an Executive Committee Member of  
VIKING GLOBAL OPPORTUNITIES GP LLC, on behalf  
of itself and VGO PORTFOLIO GP LLC and  
VGO LIQUID PORTFOLIO SUB-MASTER LP

/s/ DANIEL S. SUNDHEIM

By: Daniel S. Sundheim - individually and  
as an Executive Committee Member of  
VIKING GLOBAL PERFORMANCE LLC, on behalf  
of itself and VIKING GLOBAL EQUITIES LP,  
VIKING GLOBAL EQUITIES II LP and VGE III PORTFOLIO LTD.,  
and as an Executive Committee Member of  
Viking Global Partners LLC, on behalf of  
VIKING GLOBAL INVESTORS LP, and as  
an Executive Committee Member of  
VIKING LONG FUND GP LLC, on behalf of itself  
and VIKING LONG FUND MASTER LTD., and as  
an Executive Committee Member of  
VIKING GLOBAL OPPORTUNITIES GP LLC, on behalf  
of itself and VGO PORTFOLIO GP LLC and  
VGO LIQUID PORTFOLIO SUB-MASTER LP