WALT DAVID R

Form 4

January 18, 2007

FORM 4

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

OMB Number: 3235-0287

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005
Estimated average

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OMB APPROVAL

Form 4 or Form 5 obligations may continue.

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

response...

burden hours per

See Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * WALT DAVID R			2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer			
			ILLUMINA INC [ILMN]	(Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction				
			(Month/Day/Year)	X Director 10% Owner			
233 MARLBOROUGH STREET			01/16/2007	Officer (give title Other (specify below)			
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person			
BOSTON, MA 02116				Form filed by More than One Reporting Person			

(City)	(State) (Zip) Table	e I - Non-D	erivative S	Secur	ities Acqu	uired, Disposed of	, or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)			5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		
			Code V	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)		
Common Stock	01/16/2007	01/16/2007	S	100 (1)	D	\$ 38.61	802,693	D	
Common Stock	01/16/2007	01/16/2007	S	200 (1)	D	\$ 38.62	802,493	D	
Common Stock	01/16/2007	01/16/2007	S	100 (1)	D	\$ 38.63	802,393	D	
Common Stock	01/16/2007	01/16/2007	S	100 (1)	D	\$ 38.73	802,293	D	
Common Stock	01/16/2007	01/16/2007	S	200 (1)	D	\$ 38.74	802,093	D	
	01/16/2007	01/16/2007	S	100 (1)	D		801,993	D	

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Common Stock					\$ 38.75		
Common Stock	01/16/2007	01/16/2007	S	100 <u>(1)</u> D	\$ 38.76	801,893	D
Common Stock	01/16/2007	01/16/2007	S	100 <u>(1)</u> D	\$ 38.84	801,793	D
Common Stock	01/16/2007	01/16/2007	S	100 <u>(1)</u> D	\$ 38.87	801,693	D
Common Stock	01/16/2007	01/16/2007	S	200 (1) D	\$ 38.88	801,493	D
Common Stock	01/16/2007	01/16/2007	S	200 (1) D	\$ 38.89	801,293	D
Common Stock	01/16/2007	01/16/2007	S	100 <u>(1)</u> D	\$ 38.9	801,193	D
Common Stock	01/16/2007	01/16/2007	S	100 <u>(1)</u> D	\$ 38.91	801,093	D
Common Stock	01/16/2007	01/16/2007	S	200 (1) D	\$ 38.96	800,893	D
Common Stock	01/16/2007	01/16/2007	S	100 <u>(1)</u> D	\$ 38.97	800,793	D
Common Stock	01/16/2007	01/16/2007	S	100 <u>(1)</u> D	\$ 38.98	800,693	D
Common Stock	01/16/2007	01/16/2007	S	200 <u>(1)</u> D	\$ 39.03	800,493	D
Common Stock	01/16/2007	01/16/2007	S	100 <u>(1)</u> D	\$ 39.05	800,393	D
Common Stock	01/16/2007	01/16/2007	S	200 (1) D	\$ 39.07	800,193	D
Common Stock	01/16/2007	01/16/2007	S	100 <u>(1)</u> D	\$ 39.08	800,093	D
Common Stock	01/16/2007	01/16/2007	S	200 (1) D	\$ 39.12	799,893	D
Common Stock	01/16/2007	01/16/2007	S	200 (1) D	\$ 39.14	799,693	D
Common Stock	01/16/2007	01/16/2007	S	200 (1) D	\$ 39.15	799,493	D
Common Stock	01/16/2007	01/16/2007	S	200 (1) D	\$ 39.18	799,293	D
Common Stock	01/16/2007	01/16/2007	S	100 <u>(1)</u> D	\$ 39.19	799,193	D
	01/16/2007	01/16/2007	S	300 (1) D	\$ 39.2	798,893	D

Common Stock							
Common Stock	01/16/2007	01/16/2007	S	100 (1) D	\$ 39.21	798,793	D
Common Stock	01/16/2007	01/16/2007	S	100 (1) D	\$ 39.22	798,693	D
Common Stock	01/16/2007	01/16/2007	S	100 (1) D	\$ 39.23	798,593	D
Common Stock	01/16/2007	01/16/2007	S	300 (1) D	\$ 39.28	798,293	D

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	2. Conversion	3. Transaction Date (Month/Day/Year)		4. Transaction	5. orNumber	6. Date Exerc Expiration D		7. Titl Amou		8. Price of Derivative	9. Nu Deriv
Security	or Exercise		any	Code	of	(Month/Day/	(Year)	Under		Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative			Securi		(Instr. 5)	Bene
	Derivative				Securities			(Instr.	3 and 4)		Owne
	Security				Acquired (A) or						Follo Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						(211012
					4, and 5)						
									Amount		
									or		
						Date	Expiration	Title	Number		
						Exercisable	Date		of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
WALT DAVID R 233 MARLBOROUGH STREET BOSTON, MA 02116	X						

Signatures

By: Jeffrey Eidel For: David R.

Walt 01/17/2007

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**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. 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.

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