Naskar Ben D Form 4 May 11, 2009

FORM 4

OMB APPROVAL

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

OMB 3235-0287 Number:

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if no longer subject to Section 16. Form 4 or

Check this box

January 31, Expires: 2005

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

obligations may continue. See Instruction

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

1(b).

(Last)

C/O ATHEROS

Form 5

(Print or Type Responses)

1. Name and Address of Reporting Person * Naskar Ben D

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

Symbol

ATHEROS COMMUNICATIONS

(Check all applicable)

INC [ATHR]

(Middle)

3. Date of Earliest Transaction

Director 10% Owner X_ Officer (give title Other (specify

(Month/Day/Year) 05/08/2009

below) Vice President & GM

COMMUNICATIONS, INC., 5480 GREAT AMERICA PARKWAY

(First)

(Street) 4. If Amendment, Date Original

Applicable Line)

Filed(Month/Day/Year)

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

6. Individual or Joint/Group Filing(Check

SANTA CLARA,, CA 95054

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) (Instr. 3)

Execution Date, if (Month/Day/Year)

3. Transaction Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)

4. Securities Acquired (A) 5. Amount of Securities Beneficially Owned **Following**

Reported

Ownership Form: Direct (D) or Indirect

Indirect Beneficial Ownership (Instr. 4)

7. Nature of

(A)

 $S^{(1)}$

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

16.4752

(2)

Transaction(s) (Instr. 4)

(Instr. 3 and 4)

Code V Amount (D) Price

\$ 2,109

77,891

D

(I)

Common Stock

05/08/2009

D

SEC 1474 (9-02)

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Title	and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionNumber		Expiration D	ate	Amount of		Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underly	ing	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8) Derivative				Securities		(Instr. 5)	Bene
	Derivative				Securities Acquired (A) or			(Instr. 3	and 4)		Own
	Security										Follo
	•										Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3, 4, and 5)						
								Λ.	mount		
									mount		
						Date	Expiration Date	Title N	r Jumber		
						Exercisable		Title Numb			
				C + V	(A) (D)						
			Code V (A) (D)					S	hares		

Reporting Owners

Relationships Reporting Owner Name / Address

> Officer Other Director 10% Owner

Naskar Ben D C/O ATHEROS COMMUNICATIONS, INC. 5480 GREAT AMERICA PARKWAY SANTA CLARA,, CA 95054

Vice President & GM

Signatures

Bruce P. Johnson, 05/11/2009 Attorney-in-fact

**Signature of Reporting Person

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 sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan.
 - Represents the weighted average sales price for a number of sale transactions effected at prices ranging from \$16.01 to \$16.78. The
- (2) Reporting Person has provided to the issuer, and undertakes to provide upon request by the SEC staff, or any security holder of the issuer, information regarding the number of shares sold at each separate price within the range.

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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