

Naskar Ben D
Form 4
January 26, 2010

FORM 4

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

OMB APPROVAL

OMB Number: 3235-0287
Expires: January 31, 2005
Estimated average burden hours per response... 0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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 *
Naskar Ben D

2. Issuer Name and Ticker or Trading Symbol
ATHEROS COMMUNICATIONS INC [ATHR]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)
01/26/2010

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
Vice President & GM

C/O ATHEROS COMMUNICATIONS, INC., 5480 GREAT AMERICA PARKWAY

(Street)

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

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
____ Form filed by More than One Reporting Person

SANTA CLARA,, CA 95054

(City) (State) (Zip)

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 | 01/26/2010 | | M | 3,993 A \$ 27.37 | 108,057 | D | |
| Common Stock | 01/26/2010 | | M | 50,000 A \$ 32.15 | 158,057 | D | |
| Common Stock | 01/26/2010 | | S ⁽¹⁾ | 53,993 D \$ 36.0589 | 104,064 | D | |
| | | | | ⁽²⁾ | | | |

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1474
(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 Securities (Instr. 3 and 4) | Amount or Number of Shares |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|----------------------------|
| | | | | Code | V (A) (D) | Date Exercisable Expiration Date | Title | |
| Employee Stock Options (right to buy) | \$ 27.37 | 01/26/2010 | | M | 3,993 | <u>(3)</u> 02/15/2015 | Common Stock | 3,993 |
| Employee Stock Options (right to buy) | \$ 32.15 | 01/26/2010 | | M | 50,000 | <u>(4)</u> 06/14/2017 | Common Stock | 50,000 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--|---------------|-----------|---------------------|-------|
| | Director | 10% Owner | Officer | Other |
| Naskar Ben D C/O ATHEROS COMMUNICATIONS, INC. 5480 GREAT AMERICA PARKWAY SANTA CLARA,, CA 95054 | | | Vice President & GM | |

Signatures

Bruce P. Johnson,
Attorney-in-fact

01/26/2010

__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 sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan.

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- Represents the weighted average sales price for a number of sale transactions effected at prices ranging from \$36.00 to \$36.28. 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.
 - (3) The options become exercisable in 48 equal monthly installments commencing on March 13, 2008.
 - (4) 25% of the options become exercisable on 6/15/2008, and the remaining options become exercisable in 36 monthly installments commencing 7/15/08.

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.