

Chu Hing  
Form 4  
April 12, 2010

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
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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 \*  
Chu Hing

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)  
04/12/2010

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
Vice President Operations

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 Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|--|
|                                 |                                      |  |                                | (A) or (D)  | Price   |  |  |
|                                 |                                      |  |                                | Code  | V   | Amount   |  |
| Common Stock                    | 04/12/2010                           |  | M                              |   | 5,218   | A  | \$ 8.89 52,274 D                           |
| Common Stock                    | 04/12/2010                           |  | M                              |   | 15,182  | A  | \$ 10.37 67,456 D                          |
| Common Stock                    | 04/12/2010                           |  | S <sup>(1)</sup>               |   | 21,400  | D  | \$ 39.5 46,056 D                           |

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

SEC 1474 (9-02)

**required to respond unless the form displays a currently valid OMB control number.**

**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) |                            |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|----------------------------|
|  |  |                                      |  |                                |   |  |   |                            |
|  |  |                                      |  | Code                           | V (A) (D)   | Date Exercisable Expiration Date                         | Title   | Amount or Number of Shares |
| Employee Stock Options (right to buy)      | \$ 8.89  | 04/12/2010                           |  | M                              | 5,218   | <u>(2)</u> 06/23/2015                                    | Common Stock  | 5,218                      |
| Employee Stock Options (right to buy)      | \$ 10.37   | 04/12/2010                           |  | M                              | 15,182  | <u>(3)</u> 08/25/2015                                    | Common Stock  | 15,812                     |

## Reporting Owners

| Reporting Owner Name / Address   | Relationships |           |                           |       |
|--|---------------|-----------|---------------------------|-------|
|  | Director      | 10% Owner | Officer                   | Other |
| Chu Hing<br>C/O ATHEROS COMMUNICATIONS, INC.<br>5480 GREAT AMERICA PARKWAY<br>SANTA CLARA,, CA 95054 |               |           | Vice President Operations |       |

## Signatures

Bruce P. Johnson,  
Attorney-in-fact

04/12/2010

\_\_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.
- (2)

## Edgar Filing: Chu Hing - Form 4

25% of the options became exercisable on 6/24/2006, and the remaining options became exercisable in 36 equal monthly installments beginning on 7/24/2006.

- (3) 25% of the options became exercisable on 8/19/2006, and the remaining options became exercisable in 36 equal monthly installments beginning on 9/19/2006.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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