

Torre David D  
Form 4  
August 04, 2009

**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 \*  
Torre David 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)  
C/O ATHEROS COMMUNICATIONS, INC., 5480 GREAT AMERICA PARKWAY  
(Street)

3. Date of Earliest Transaction (Month/Day/Year)  
08/03/2009

\_\_\_\_ Director  
 Officer (give title below) VP & Chief Accounting Officer  
\_\_\_\_ 10% Owner  
\_\_\_\_ Other (specify below)

SANTA CLARA, CA 95054  
(City) (State) (Zip)

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

**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) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|--|
|                                 |                                      |  | Code                           | V Amount (A) or (D) Price   |   |  |  |
| Common Stock                    | 08/03/2009                           |  | M                              | 10,000 A \$ 14.38   | 33,754 <sup>(1)</sup>   | D  |  |
| Common Stock                    | 08/03/2009                           |  | S <sup>(2)</sup>               | 13,288 D \$ 25.1349   | 20,466  | D  |  |

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

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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) | Amount or Number of Shares |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|----------------------------|
| Employee Stock Options (right to buy)      | \$ 14.38   | 08/03/2009                           |  | M                              | 10,000  | <sup>(4)</sup> 01/18/2011                                | Common Stock  | 10,000                     |

## Reporting Owners

| Reporting Owner Name / Address   | Relationships |           |                               |       |
|--|---------------|-----------|-------------------------------|-------|
|  | Director      | 10% Owner | Officer                       | Other |
| Torre David D<br>C/O ATHEROS COMMUNICATIONS, INC.<br>5480 GREAT AMERICA PARKWAY<br>SANTA CLARA, CA 95054 |               |           | VP & Chief Accounting Officer |       |

## Signatures

Bruce P. Johnson,  
Attorney-in-fact

08/04/2009

\_\_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) Includes 1,020 shares acquired in May 2009 pursuant to the 2004 Employee Stock Purchase Plan.

(2) 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 \$24.71 to \$25.35. The

(3) 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.

(4) Options will become exercisable in 48 equal monthly installments commencing on 2/18/2006.

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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