

ATHEROS COMMUNICATIONS INC  
 Form 4  
 February 02, 2007

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 Washington, D.C. 20549

OMB APPROVAL  
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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 \*  
 TACHNER ADAM H

(Last) (First) (Middle)

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

(Street)

SANTA CLARA,, CA 95054

(City) (State) (Zip)

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

3. Date of Earliest Transaction (Month/Day/Year)  
 02/01/2007

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

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)	(A) or (D)	5. Amount or Price	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)
Common Stock	02/01/2007		M	12,000	A	\$ 1.72	12,000	D	
Common Stock	02/01/2007		S <sup>(1)</sup>	700	D	\$ 24.05	11,300	D	
Common Stock	02/01/2007		S <sup>(1)</sup>	200	D	\$ 24.01	11,100	D	
Common Stock	02/01/2007		S <sup>(1)</sup>	2,150	D	\$ 24	8,950	D	
	02/01/2007		S <sup>(1)</sup>	6,301	D		2,649	D	

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Common Stock						\$ 23.99		
Common Stock	02/01/2007		S <sup>(1)</sup>	100	D	\$ 23.97	2,549	D
Common Stock	02/01/2007		S <sup>(1)</sup>	100	D	\$ 23.96	2,449	D
Common Stock	02/01/2007		S <sup>(1)</sup>	1,500	D	\$ 23.95	949	D
Common Stock	02/01/2007		S <sup>(1)</sup>	949	D	\$ 23.94	0	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 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 Security (Instr. 3 and 4)	Amount or Number of Shares	
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Options (right to buy)	\$ 1.72	02/01/2007		M	1,750	01/09/2002 <sup>(2)</sup>	01/08/2012	Common Stock	1,750
Employee Stock Options (right to buy)	\$ 1.72	02/01/2007		M	10,250	03/13/2002 <sup>(3)</sup>	03/13/2012	Common Stock	10,250

## Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

TACHNER ADAM H  
C/O ATHEROS COMMUNICATIONS, INC.  
5480 GREAT AMERICA PARKWAY  
SANTA CLARA,, CA 95054

VP & General Counsel

## Signatures

Bruce P. Johnson,  
Attorney-in-fact

02/02/2007

\_\_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) All of the options became exercisable on 1/09/2002. The shares underlying the options are subject to the issuer's right of repurchase that lapsed as to 25% of the shares on 10/17/2002, and lapsed as to the remaining shares in 36 monthly installments beginning 11/17/2002.
  - (3) All of the options became exercisable on 3/13/02. The shares underlying the options are subject to the issuer's right of repurchase that lapsed as to 25% of the shares on 4/1/2003 and lapses as to the remaining shares in 36 equal monthly installments beginning on 5/1/2003.

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.