

ATHEROS COMMUNICATIONS INC  
 Form 4  
 November 13, 2006

**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 \*  
 Antes Todd

(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)  
 11/08/2006

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)  
 Vice President Marketing

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		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 Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)			
Common Stock	11/08/2006		M		1,900	A	\$ 9.74	2,484 <sup>(1)</sup>	D
Common Stock	11/08/2006		S		400	D	\$ 22.6517	2,084	D
Common Stock	11/08/2006		S		900	D	\$ 22.6507	1,184	D
Common Stock	11/08/2006		S		100	D	\$ 22.6506	1,084	D
	11/08/2006		S		300	D		784	D

Edgar Filing: ATHEROS COMMUNICATIONS INC - Form 4

Common Stock					\$	22.6505	
Common Stock	11/08/2006	S	200	D	\$ 22.65	584	D
Common Stock	11/09/2006	M	5,600	A	\$ 9.74	6,184	D
Common Stock	11/09/2006	S	959	D	\$ 21.95	5,225	D
Common Stock	11/09/2006	S	1,000	D	\$ 21.87	4,225	D
Common Stock	11/09/2006	S	641	D	\$ 21.86	3,584	D
Common Stock	11/09/2006	S	3,000	D	\$ 21.85	584	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 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)		
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Options (right to buy)	\$ 9.74	11/08/2006		M	1,900	07/21/2005 <sup>(2)</sup>	07/21/2015	Common Stock	1,900
Employee Stock Options (right to buy)	\$ 9.74	11/09/2006		M	5,600	07/21/2005 <sup>(2)</sup>	07/21/2015	Common Stock	5,600

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Antes Todd C/O ATHEROS COMMUNICATIONS, INC. 5480 GREAT AMERICA PARKWAY SANTA CLARA, CA 95054			Vice President Marketing	

## Signatures

Bruce P. Johnson, 11/10/2006  
Attorney-in-fact

         \*\*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 460 shares acquired in May 2006 and 124 shares acquired in November 2006 pursuant to the 2004 Employee Stock Purchase Plan.
- (2) 25% of the options became exercisable on 7/21/2006, and the remaining options become exercisable in 36 equal monthly installments commencing 8/21/2006.

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.