

ATHEROS COMMUNICATIONS INC  
 Form 4  
 September 19, 2007

**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 \*  
 MENG TERESA H

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

3. Date of Earliest Transaction (Month/Day/Year)  
 09/18/2007

Director  10% Owner  
 Officer (give title below)  Other (specify below)

(Street)  
 SANTA CLARA,, CA 95054

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

(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 Ownership (Instr. 4)		
			Code	V	Amount	(A) or (D)	Price		
Common Stock	09/18/2007		M		5,000	A	\$ 1.72	275,000 I	See Footnote (1)
Common Stock	09/18/2007		S <sup>(2)</sup>		5,000	D	\$ 32	270,000 I	See Footnote (1)
Common Stock	09/19/2007		M		10,000	A	\$ 1.72	280,000 I	See Footnote (1)

Common Stock	09/19/2007	S <sup>(2)</sup>	10,000	D	\$ 33	270,000	I	See Footnote (1)
--------------	------------	------------------	--------	---	-------	---------	---	------------------

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	
						Date Exercisable	Expiration Date	Title	Amount or Number of Shares
						Code	V	(A)	(D)
Director's Stock Options (right to buy)	\$ 1.72	09/18/2007		M	5,000	08/08/2001 <sup>(3)</sup> 08/08/2011	Common Stock	5,000	
Director's Stock Options (right to buy)	\$ 1.72	09/19/2007		M	10,000	08/08/2001 <sup>(3)</sup> 08/08/2011	Common Stock	10,000	

## Reporting Owners

**Reporting Owner Name / Address**

**Relationships**

Director 10% Owner Officer Other

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

X

## Signatures

Bruce P. Johnson,  
Attorney-in-fact

09/19/2007

\_\_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) By Teresa H. Meng Trust

(2) The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan.

All of the options became exercisable on 8/8/2001. The shares underlying the options were subject to the issuer's right of repurchase that

(3) lapsed per the following schedule: 78,750 shares in equal monthly installments beginning on 7/31/2002 and ending on 9/30/2003, and 11,250 shares in three equal monthly installments beginning on 10/31/2003.

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.