Szilagyi Gary Form 4 December 04, 2009

FORM 4

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

OMB APPROVAL

Washington, D.C. 20549

Number: 3235-0287

if no longer subject to Section 16. Form 4 or

Check this box

Expires: January 31, 2005

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Estimate burden

Person

Estimated average burden hours per response... 0.5

Form filed by More than One Reporting

Form 4 or Form 5 obligations may continue. See Instruction

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

1(b).

(Print or Type Responses)

Name and Address of Reporting Person * Szilagyi Gary		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) C/O ATHEROS COMMUNICATION GREAT AMERICA F		3. Date of Earliest Transaction (Month/Day/Year) 12/04/2009	Director 10% Owner X Officer (give title Other (specify below) Vice President Sales		
(Street)		4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person		

SANTA CLARA,, CA 95054

(City)	(State)	(Zip) Tabl	e I - Non-E	Derivative (Securi	ities Acqu	ired, Disposed of	, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securit on(A) or Dis (Instr. 3, 4)	sposed	of (D)	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 Beneficial Ownership (Instr. 4)
Common stock	12/04/2009		M	30,000	A	\$ 14.38	66,852	D	
Common Stock	12/04/2009		S <u>(1)</u>	30,000	D	\$ 30.5	36,852	D	
Common Stock							17,652	I	See Footnote

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

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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. Transacti Code (Instr. 8)	5. Number of orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	Expiration Date (Month/Day/Year) A)		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)	\$ 14.38	12/04/2009		M	30,000	(3)	01/18/2016	Common Stock	30,000

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Szilagyi Gary C/O ATHEROS COMMUNICATIONS, INC. 5480 GREAT AMERICA PARKWAY SANTA CLARA,, CA 95054

Vice President Sales

Signatures

Adam H. Tachner, Attorney-in-fact 12/04/2009

**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) The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan.
- (2) By the Szilagyi Family Revocable Trust
- (3) 25% of the options became exercisable on 1/18/2007, and the remaining options become exercisable in 36 equal monthly installments commencing on 2/18/2007.

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

Reporting Owners 2

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