

FRANKLIN PAUL G

Form 4

January 31, 2006

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

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

OMB APPROVAL

OMB
Number: 3235-0287
Expires: January 31,
2005
Estimated average
burden hours per
response... 0.5

(Print or Type Responses)

1. Name and Address of Reporting Person *
FRANKLIN PAUL G

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)

3. Date of Earliest Transaction

(Month/Day/Year)

01/31/2006

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

Vice President Operations

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

(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
____ Form filed by More than One Reporting
Person

SANTA CLARA., CA 95054

(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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	01/31/2006		M		40,000	A	\$ 6.34	44,073	D	
Common Stock	01/31/2006		<u>S⁽¹⁾</u>		10,282	D	\$ 18.2	33,791	D	
Common Stock	01/31/2006		<u>S⁽¹⁾</u>		4,718	D	\$ 18.21	29,073	D	
Common Stock	01/31/2006		<u>S⁽¹⁾</u>		5,000	D	\$ 18.25	24,073	D	
	01/31/2006		<u>S⁽¹⁾</u>		20,000	D	\$ 19.5	4,073	D	

Common
Stock

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. 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 Underlying Securities (Instr. 3 and 4)
Employee Stock Options (right to buy)	\$ 6.34	01/31/2006		M	40,000	11/25/2003 ⁽²⁾ 11/25/2013	Common Stock 40,0

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

FRANKLIN PAUL G
C/O ATHEROS COMMUNICATIONS, INC.
5480 GREAT AMERICA PARKWAY
SANTA CLARA,, CA 95054

Vice President Operations

Signatures

Bruce P. Johnson,
Attorney-in-fact 01/31/2006

__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.

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- All of the options became exercisable on 11/25/2003. The shares underlying the options are subject to the issuer's right of repurchase that
- (2) lapsed as to 25% of the shares on 11/24/2004, and lapses as to the remaining shares in 36 equal monthly installments beginning on 12/24/2004.

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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