

ATHEROS COMMUNICATIONS INC  
 Form 3  
 January 25, 2010

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

OMB Number: 3235-0104  
 Expires: January 31, 2005  
 Estimated average burden hours per response... 0.5

**INITIAL STATEMENT OF 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 \*  
 HARRIS CHARLES E  
 (Last) (First) (Middle)

2. Date of Event Requiring Statement  
 (Month/Day/Year)  
 01/22/2010

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

4. Relationship of Reporting Person(s) to Issuer

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

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

(Check all applicable)

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

SANTA CLARA, CA 95054  
 (City) (State) (Zip)

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 Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	164,935 <sup>(1)</sup>	D	

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

SEC 1473 (7-02)

**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.**

**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Securities Underlying Derivative Security	4. Conversion or Exercise	5. Ownership Form of	6. Nature of Indirect Beneficial Ownership
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	Date Exercisable	Expiration Date	(Instr. 4) Title	Amount or Number of Shares	Price of Derivative Security	Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	(Instr. 5)
Employee Stock Options (right to buy)	12/15/2009 <sup>(2)</sup>	07/26/2017	Common Stock	20,563	\$ 38.3	D	Â
Employee Stock Options (right to buy)	12/15/2009 <sup>(2)</sup>	02/26/2019	Common Stock	31,225	\$ 8.41	D	Â

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
HARRIS CHARLES E C/O ATHEROS COMMUNICATIONS, INC. 5480 GREAT AMERICA PARKWAY SANTA CLARA, CA 95054	Â X	Â	Â	Â

## Signatures

Bruce P. Johnson,  
Attorney-in-fact

01/25/2010

\_\_Signature of Reporting Person Date

## Explanation of Responses:

\* If the form is filed by more than one reporting person, see Instruction 5(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).

Received in connection with the merger of Intellon Corporation ("Intellon") into the Issuer (the "Merger") on December 15, 2009, in exchange for (a) 1,042,806 shares of Intellon common stock, which converted into common stock of the Issuer at an exchange ratio of (1) 0.134412; (b) 32,830 shares of Intellon common stock, which converted into common stock of the Issuer at an exchange ratio of 0.145039; and (c) 74,940 restricted stock units of Intellon, which converted into restricted stock units of the Issuer at an exchange ratio of 0.267008 and which vested in full immediately upon the Merger.

Received in connection with the Merger on December 15, 2009, in exchange for employee stock options to acquire (a) 82,320 shares of (2) Intellon common stock at an exercise price of \$9.5664 per share; and (b) 125,000 shares of Intellon common stock at an exercise price of \$2.10 per share. The exchange ratio was 0.2498. The options vested in full immediately upon the Merger.

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.