ZHENG JASON Form 4 May 09, 2011

FORM 4

OMB APPROVAL

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16.

Washington, D.C. 20549

January 31, Expires: 2005

Form 4 or Form 5 obligations STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Estimated average burden hours per response...

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

0.5

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * ZHENG JASON			2. Issuer Name and Ticker or Trading Symbol ATHEROS COMMUNICATIONS INC [ATHR]					5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last) C/O ATHE COMMUN TECHNOL	3. Date of Earliest Transaction (Month/Day/Year) 05/08/2011					Director 10% Owner Officer (give title Other (specify below) Senior Vice President & GM					
Filed				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			
SAN JOSE,, CA 95110								Person			
(City)	(State)	(Zip)	Tabl	e I - Non-I	Derivative	Secui	rities Acq	uired, Disposed o	of, or Beneficia	lly Owned	
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	saction Date 2A. Deemed (Day/Year) Execution Date, if any (Month/Day/Year)		3. 4. Securitic Transaction(A) or Dis Code (Instr. 3, 4 (Instr. 8) Code V Amount			d of (D) 5) Price	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. 7. Nature of Ownership Indirect (D) or Ownership Indirect (I) (Instr. 4)		
Common Stock	05/08/2011			F	787	D	\$ 44.79	182,499	D		
Common Stock								8,426 <u>(1)</u>	I	By Daughter	

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of	2.	3. Transaction Date		4. T	5.	6. Date Exer		7. Titl		8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if		ionNumber	Expiration D		Amou		Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day	(Year)		rlying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivativ	e		Secur	ities	(Instr. 5)	Bene
	Derivative				Securities	3		(Instr.	. 3 and 4)		Owne
	Security				Acquired						Follo
	•				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						(211512
					4, and 5)						
					4, and 3)						
									Amount		
						.	.		or		
						Date Exercisable	Expiration Date	Title	Number		
									of		
				Code V	(A) (D)				Shares		

Reporting Owners

Relationships Reporting Owner Name / Address 10% Owner Officer Other Director

ZHENG JASON C/O ATHEROS COMMUNICATIONS, INC. 1700 TECHNOLOGY DRIVE SAN JOSE,, CA 95110

Senior Vice President & GM

Signatures

Bruce P. Johnson, 05/09/2011 Attorney-in-fact

**Signature of Reporting Person

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).
- The reporting person disclaims beneficial ownership of these securities, and this report shall not be deemed an admission that the reporting person is the beneficial owner of such securities for purposes of Section 16 or for any other purpose.

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.

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