

Hegberg Rick  
Form 4  
May 24, 2011

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
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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 \*  
Hegberg Rick

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

5. Relationship of Reporting Person(s) to Issuer  
(Check all applicable)  
 Director  10% Owner  
 Officer (give title below)  Other (specify below)  
Vice President Worldwide Sales

(Last) (First) (Middle)  
C/O ATHEROS COMMUNICATIONS, INC., 1700 TECHNOLOGY DRIVE  
(Street)

3. Date of Earliest Transaction (Month/Day/Year)  
05/24/2011

SAN JOSE, CA 95110  
(City) (State) (Zip)

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

**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 Price (D)		
Common Stock	05/24/2011		A		25,200 (1)	A	\$ 0 (1) 77,856 D
Common Stock	05/24/2011		D		13,500 (2)	D	\$ 0 (2) 77,856 D
Common Stock	05/24/2011		D		77,856 (3)	D	\$ 0 (3) 0 D

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

SEC 1474 (9-02)

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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 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)
				Code	V (A) (D)	Date Exercisable Expiration Date	Title Amount or Number of Shares
Employee Stock Options (right to buy)	\$ 25.9	05/24/2011		D	65,000	<sup>(4)</sup> 08/29/2020	Common Stock 65,000

## Reporting Owners

### Reporting Owner Name / Address

### Relationships

Director 10% Owner Officer Other

Hegberg Rick  
C/O ATHEROS COMMUNICATIONS, INC.  
1700 TECHNOLOGY DRIVE  
SAN JOSE, CA 95110

Vice President Worldwide Sales

## Signatures

Bruce P. Johnson, 05/24/2011  
Attorney-in-fact

\*\*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) Consists of restricted stock units ("RSUs") that were granted on 5/24/2011.

Consists of RSUs that were granted on 1/16/2011, that would vest subject to the Issuer's satisfaction of certain performance criteria for the fiscal year ended 12/31/2011; provided, however, that upon the closing of the merger contemplated by that certain Agreement and Plan of Merger dated as of January 5, 2011 (the "Merger Agreement"), by and among the Issuer, Qualcomm Incorporated ("Qualcomm") and T

(2) Merger Sub, Inc., a Delaware corporation and a wholly owned subsidiary of Qualcomm ("Merger Sub"), pursuant to which Merger Sub merged with and into the Issuer with the Issuer surviving as a wholly owned subsidiary of Qualcomm (the "Merger"), these RSUs were cancelled and converted into RSUs for a number of shares of Qualcomm common stock determined by multiplying the number of shares of Issuer common stock subject to these RSUs by approximately 0.791. These RSUs will vest on a time-based schedule.

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- Consists of RSUs that were cancelled and converted into RSUs for a number of shares of Qualcomm common stock determined by
- (3) multiplying the number of shares of Issuer common stock subject to these RSUs by approximately 0.791, subject to substantially the same terms and conditions as applied to these RSUs, pursuant to the Merger Agreement.
  - (4) 25% of the options shall become exercisable on 8/30/2011, and the remaining options become exercisable in 36 equal monthly installments commencing on 9/30/2011.

- This option was cancelled and converted into an option to purchase a number of shares of Qualcomm common stock determined by
- (5) multiplying the number of shares of Issuer common stock underlying the option by approximately 0.791, subject to substantially the same terms and conditions as applied to this option, pursuant to the Merger Agreement.

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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