

Hegberg Rick
Form 4
May 24, 2011

FORM 4

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

OMB APPROVAL

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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)

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

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

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
Vice President Worldwide Sales

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 (D) Price | | | |
| 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.

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SEC 1474 (9-02)

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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.

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.