

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

**SCHEDULE TO**

**Tender Offer Statement Under Section 14(d)(1) or 13(e)(1)  
of the Securities Exchange Act of 1934  
(Amendment No. 6)**

**IKANOS COMMUNICATIONS, INC.**  
(Name of Subject Company)

**King Acquisition Co.**  
(Name of Offeror)  
a Wholly-owned Subsidiary of

**Qualcomm Atheros, Inc.**  
(Parent of Offeror)  
an Indirect Wholly-Owned Subsidiary of

**QUALCOMM Incorporated**  
(Name of Offerors)  
(Names of Filing Persons (identifying status as offeror, issuer or other person))

Common Stock, Par Value \$0.001 Per Share  
(Title of Class of Securities)

45173E204  
(CUSIP Number of Class of Securities)

Donald J. Rosenberg  
Executive Vice President, General Counsel and Corporate Secretary  
Qualcomm Incorporated  
5775 Morehouse Dr.  
San Diego, California 92121  
(858) 587-1121

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications on Behalf of Filing Persons)

*Copies to:*

Rama Padmanabhan  
Cooley LLP  
4401 Eastgate Mall  
San Diego, California 92121  
(858) 550-6000

**CALCULATION OF FILING FEE**

Transaction Valuation*	Amount of Filing Fee**
\$50,694,332	\$5,890.69

\* Estimated solely for purposes of calculating the filing fee. The transaction valuation was calculated by adding (i) 17,228,613 outstanding shares of common stock, par value \$0.001 per share (the "Shares") of Ikanos Communications, Inc. ("Ikanos"), multiplied by the offer price of \$2.75 per Share, (ii) 39,800 Shares issuable pursuant to outstanding options with an exercise price less than the offer price of \$2.75 per Share, multiplied by \$0.86, which is the offer price of \$2.75 per Share minus the weighted average exercise price for such options of \$1.89 per Share, (iii) 1,116,448 restricted stock units multiplied by the offer price of \$2.75 per Share and (iv) 76,795 Shares estimated to be subject to outstanding purchase rights under Ikanos Amended and Restated 2004 Employee Stock Purchase Plan multiplied by the offer price of \$2.75 per Share. The calculation of the filing fee is based on information provided by Ikanos as of August 5, 2015.

\*\* The amount of the filing fee is calculated in accordance with Rule 0-11 of the Securities Exchange Act of 1934, as amended, and Fee Rate Advisory #1 for Fiscal Year 2015, issued August 29, 2014, by multiplying the transaction valuation by 0.0001162.

Check box if any part of the fee is offset as provided by Rule 0-11(a)(2) and identify the filing with which the offsetting fee was previously paid. Identify the previous filing by registration statement number, or the Form or Schedule and the date of its filing.

Amount Previously Paid: \$5,890.69

Filing Party: QUALCOMM Incorporated, Qualcomm Atheros, Inc., and King Acquisition Co.

Check the box if the filing relates solely to preliminary communications made before the commencement of a tender offer.

Check the appropriate boxes below to designate any transactions to which the statement relates:

- third-party tender offer subject to Rule 14d-1.
- issuer tender offer subject to Rule 13e-4.
- going-private transaction subject to Rule 13e-3.
- amendment to Schedule 13D under Rule 13d-2.

Check the following box if the filing is a final amendment reporting the results of the tender offer.

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This Amendment No. 6 to the Tender Offer Statement on Schedule TO amends and supplements the Tender Offer Statement on Schedule TO filed with the Securities Exchange Commission on August 19, 2015 (as amended and together with any subsequent amendments and supplements thereto, the "Schedule TO") by King Acquisition Co., a Delaware corporation ("Purchaser") and a wholly-owned subsidiary of Qualcomm Atheros, Inc., a Delaware corporation ("Parent"). The Schedule TO relates to the offer by Purchaser to purchase all outstanding shares of common stock, par value \$0.001 per share (the "Shares") of Ikanos Communications, Inc., a Delaware corporation ("Ikanos"), at \$2.75 per Share, net in cash, without interest (less any applicable withholding taxes), upon the terms and subject to the conditions set forth in the Offer to Purchase, dated August 19, 2015 (as it may be amended or supplemented from time to time, the "Offer to Purchase"), and in the related letter of transmittal, copies of which are attached to the Schedule TO as Exhibits (a)(1)(i) and (a)(1)(ii), respectively.

All capitalized terms used in this Amendment No. 6 and not otherwise defined have the respective meanings ascribed to them in the Schedule TO.

#### **Amendments to the Offer to Purchase**

##### ***Items 1 through 9; Item 11.***

*The Offer to Purchase and Items 1 through 9 and Item 11 of the Schedule TO are hereby amended and supplemented as follows:*

"At 5:00 P.M. (Eastern Time) on September 28, 2015, the Offer expired as scheduled and was not extended. Purchaser was advised by the Depositary that, as of the Expiration Date, a total of 15,439,680 Shares (excluding Shares with respect to which Notices of Guaranteed Delivery had been delivered) were validly tendered into and not properly withdrawn from the Offer, representing approximately 89.4% of the Shares outstanding as of the Expiration Date. In addition, the Depositary advised that Notices of Guaranteed Delivery have been delivered with respect to 8,360 additional Shares, representing approximately 0.1% of the outstanding Shares as of the Expiration Date.

The number of Shares tendered pursuant to the Offer satisfied the Minimum Condition. All conditions to the Offer having been satisfied, Purchaser accepted for payment and will promptly pay for all Shares validly tendered into and not properly withdrawn from the Offer.

Promptly following the consummation of the Offer, Parent and Purchaser completed the acquisition of Ikanos through the Merger without a meeting of stockholders of Ikanos in accordance with Section 251(h) of the DGCL. At the Effective Time, each Share then outstanding (other than Shares that were held by any stockholders who properly demanded appraisal in connection with the Merger as described in Section 16 — "Certain Legal Matters; Regulatory Approvals — Appraisal Rights" of the Offer to Purchase) was converted into the right to receive the Offer Price, net in cash, without interest (less any applicable withholding taxes) except for Shares (i) owned by Ikanos or held as treasury stock, (ii) owned by Parent, Purchaser or any wholly-owned subsidiary of Parent, or (iii) owned by any wholly-owned subsidiary of Ikanos, which Shares were cancelled and ceased to exist, and no consideration was delivered in exchange therefor.

Following the Merger, the Shares were delisted and ceased to trade on NASDAQ."

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**SIGNATURES**

After due inquiry and to the best knowledge and belief of the undersigned, each of the undersigned certifies that the information set forth in this statement is true, complete and correct.

Date: September 29, 2015

**King Acquisition Co.**

By: /s/ Daniel D. Vrecek

Name: Daniel D. Vrecek

Title: Secretary and Vice President

**Qualcomm Atheros, Inc.**

By: /s/ Daniel D. Vrecek

Name: Daniel D. Vrecek

Title: Secretary, Vice President and  
General Counsel

**QUALCOMM Incorporated**

By: /s/ Adam Schwenker

Name: Adam Schwenker

Title: Assistant Secretary, Vice President  
and Legal Counsel