

**FORM 6-K**  
**SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

Report of Foreign Issuer

Pursuant to Rule 13a-16 or 15d-16  
of the Securities Exchange Act of 1934

For the Month of August 2012

**ELRON ELECTRONIC INDUSTRIES LTD.**  
(Translation of Registrant's Name into English)

3 Azrieli Center, Triangle Building, 42nd Floor, Tel Aviv • ISRAEL  
(Address of Principal Corporate Offices)

Indicate by check mark whether the registrant files or will file annual reports under cover Form 20-F or Form 40-F.

Form 20-F       Form 40-F

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7): \_\_\_\_

Indicate by check mark if the registrant by furnishing the information contained in this Form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934:

Yes       No

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-(2): 82-\_\_\_\_\_

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English translation of Immediate Report filed with the Israeli Securities Authority on August 21, 2012

Tel Aviv, August 21, 2012 – Elron Electronic Industries Ltd. (TASE: ELRN) (the "Company") announced today, further to its announcement on May 30, 2012 in connection with discussions regarding the sale of Jordan Valley Semiconductors Ltd. ("Jordan Valley"), which is approximately 19% held by the Company, as follows:

The negotiations mentioned in such announcement ceased without a binding agreement being signed. However, it should be noted that Jordan Valley and its shareholders continue to regularly examine possible transactions, including sale transactions and transactions of other types.

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

ELRON ELECTRONIC INDUSTRIES LTD.  
(Registrant)

By: /s/ Yaron Elad

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Yaron Elad  
VP & CFO

Dated: August 21, 2012