UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549

FORM 8-K

Current Report Pursuant to Section 13 or 15(d)
Of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): December 7, 2012

WINLAND ELECTRONICS, INC.

(Exact name of registrant as specified in its charter)

Minnesota (State or Other Jurisdiction of Incorporation)

1-15637 (Commission File Number) 41-0992135 (IRS Employer Identification No.)

1950 Excel Drive
Mankato, Minnesota 56001
(Address of Principal Executive Offices) (Zip Code)

(507) 625-7231 (Registrant's telephone number, including area code)

Not Applicable (Former Name or Former Address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

o Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

o Soliciting material pursuant to Rule 14a-12 under

the Exchange Act (17 CFR 240.14a-12)

- o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- oPre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 8.01 Other Events.

On December 7, 2012, Winland Electronics, Inc. (the "Company") issued a letter to its shareholders updating the shareholders on recent events impacting the Company.

A copy of the letter to shareholders is attached hereto as Exhibit 99.1 and is incorporated herein by reference.

Item 9.01 Financial Statements and Exhibits.

- (a) Financial Statements: None.
- (b) Pro forma financial information: None.
- (c) Shell company transactions: None.
- (d) Exhibits:

99.1 Letter to Shareholders dated December 7, 2012.

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 hereunto duly authorized.

Winland Eletronics, Inc.

Date: December 7, 2012 By: /s/ Brian D. Lawrence

Brian D. Lawrence

Chief Financial Officer and Senior

Vice President

SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

EXHIBIT INDEX TO FORM 8-K

Date of Report: Commission File No.: December 7, 2012 1-15637

WINLAND ELECTRONICS, INC.

EXHIBIT NO. ITEM

99.1 Letter to Shareholders dated December 7, 2012