MONOLITHIC POWER SYSTEMS INC Form 8-K September 15, 2010

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 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):

September 14, 2010

MONOLITHIC POWER SYSTEMS, INC.

(Exact name of Registrant as specified in its charter)

Delaware 000-51026 77-0466789

incorporation or organization)
File Number)
6409 Guadalupe Mines Road, San Jose, CA 95120

(Address of principal executive offices) (Zip Code)

(408) 826-0600

(Registrant s telephone number, including area code)

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:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- " Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- " Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- " Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 8.01 Other Events.

On September 14, 2010, Monolithic Power Systems, Inc. announced updated revenue guidance for the third fiscal quarter ending September 30, 2010. A copy of the press release is attached hereto as Exhibit 99.1 and incorporated herein by reference.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits.

Exhibit Description

Press Release, dated September 14, 2010, announcing updated revenue guidance for the third fiscal quarter ending September 30, 2010

Index to Exhibits

Exhibit	Description
99.1	Press Release, dated September 14, 2010, announcing updated revenue guidance for the third fiscal quarter ending September 30, 2010

SIGNATURES

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

Date: September 15, 2010 By: /s/ C. Richard Neelly, Jr.

C. Richard Neely, Jr.
Chief Financial Officer
(Principal Financial and Accounting Officer and

Duly Authorized Officer)