

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)

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(State or other jurisdiction of incorporation or organization)	(Commission File Number) <b>6409 Guadalupe Mines Road, San Jose, CA 95120</b>  (Address of principal executive offices) (Zip Code)  <b>(408) 826-0600</b>  (Registrant's telephone number, including area code)	(I.R.S. Employer Identification Number)
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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.

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

**Index to Exhibits**

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

**Duly Authorized Officer)**