

SCHEDULE 14A INFORMATION

PROXY STATEMENT PURSUANT TO SECTION 14(a) OF THE SECURITIES EXCHANGE ACT OF 1934

Filed by the Registrant

Filed by a Party other than the Registrant

Check the appropriate box:

- Preliminary Proxy Statement **Confidential, for Use of the Commission Only
(as permitted by Rule 14a-6(e)(2))**
- Definitive Proxy Statement
- Definitive Additional Materials
- Soliciting Material Pursuant to Rule 14a-12

MONOLITHIC POWER SYSTEMS, INC.

(Name of Registrant as Specified In Its Charter)

(Name of Person(s) Filing Proxy Statement, if other than the Registrant)

Payment of Filing Fee (Check the appropriate box):

- No fee required.
- Fee computed on table below per Exchange Act Rules 14a-6(i)(1) and 0-11.
- (1) Title of each class of securities to which transaction applies:
- (2) Aggregate number of securities to which transaction applies:
- (3) Per unit price or other underlying value of transaction computed pursuant to Exchange Act Rule 0-11 (Set forth the amount on which the filing fee is calculated and state how it was determined):
- (4) Proposed maximum aggregate value of transaction:
- (5) Total fee paid:
- Fee paid previously with preliminary materials.
- Check box if any part of the fee is offset as provided by Exchange Act Rule 0-11(a)(2) and identify the filing for which the offsetting fee was paid previously. Identify the previous filing by registration statement number, or the Form or Schedule and the date of its filing.
- (1) Amount Previously Paid:
- (2) Form, Schedule or Registration Statement No.:
- (3) Filing Party:
- (4) Date Filed:

MONOLITHIC POWER SYSTEMS, INC.
6409 GUADALUPE MINES ROAD, SAN JOSE, CA 95120

Important Notice Regarding the Availability of Proxy Materials for the Stockholder Meeting
to Be Held on Thursday, June 10, 2010

The Proxy Statement, Annual Report and other proxy materials are available at:
<http://www.proxyvoting.com/mpwr>

This communication presents only an overview of the more complete proxy materials that are available to you on the Internet.
We encourage you to access and review all of the important information contained in the proxy materials before voting.



If you want to receive a paper or e-mail copy of these documents, you must request one. There is no charge to you for requesting a copy. Please make your request for a copy as instructed below on or before May 27, 2010 to facilitate timely delivery.

TO REQUEST PAPER COPIES OF PROXY MATERIALS:

(please reference your 11-digit control number when requesting materials)
By opting out to receive printed materials, your preference for future proxy mailings will be kept on our file.

Telephone: **1-888-313-0164**

(outside of the U.S. and Canada call 201-680-6688).

Email: **shrrelations@bnymellon.com**

(you must reference your 11-digit control number in your email)

Internet: **<http://www.proxyvoting.com/mpwr>**

TO VOTE YOUR SHARES SEE INSTRUCTIONS ON REVERSE SIDE

This is not a proxy card. You cannot use this notice to vote your shares.

Dear Monolithic Power Systems, Inc. Stockholder:

The 2010 Annual Meeting of Stockholders of Monolithic Power Systems, Inc. (the "Company") will be held at 6409 Guadalupe Mines Road, San Jose, CA 95120, on Thursday, June 10, 2010, at 10:00 a.m. (local time).

Proposals to be considered at the Annual Meeting:

- (1) to elect Michael R. Hsing and Herbert Chang to serve as directors of the Company until the 2013 annual meeting of stock holders of the Company; and
- (2) to ratify the appointment of Deloitte & Touche, LLP as the Company's independent registered public accounting firm for the fiscal year ending December 31, 2010.

Management recommends a vote "FOR" Items 1 and 2.

The Board of Directors has fixed the close of business on April 19, 2010 as the record date (the "Record Date") for the determination of stockholders entitled to receive notice of and to vote at the Annual Meeting or any adjournment(s) thereof.

CONTROL NUMBER

**YOU MUST REFERENCE YOUR 11-DIGIT CONTROL NUMBER WHEN
YOU REQUEST A PAPER COPY OF THE PROXY MATERIALS OR TO
VOTE YOUR PROXY ELECTRONICALLY.**

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Stockholders of record as of the Record Date are encouraged and cordially invited to attend the Annual Meeting. Directions to attend the annual meeting where you may vote in person can be found on our website, http://www.monolithicpower.com/cmp_05_contact.htm.

Meeting Location:

6409 Guadalupe Mines Road
San Jose, CA 95120

The following materials are available for you to review online:

- the Company's 2010 Proxy Statement (including all attachments thereto);
- the Company's Annual Report for the year ended December 31, 2009 (which is not deemed to be part of the official proxy soliciting materials); and
- any amendments to the foregoing materials that are required to be furnished to stockholders.

To request a paper copy of the Proxy Materials:

(you must reference your 11-digit control number located on the reverse side of this form)

Telephone: **1-888-313-0164** (outside of the U.S. and Canada call 201-680-6688)

Email: **shrrelations@bnymellon.com** *(you must reference your 11-digit control number in your email)*

Internet: **<http://www.proxyvoting.com/mpwr>**

The Proxy Materials for Monolithic Power Systems, Inc. are available to review at:

<http://www.proxyvoting.com/mpwr>

Have this notice available when you request a PAPER copy of the Proxy Materials,
when you want to view your proxy materials online
OR WHEN YOU WANT TO VOTE YOUR PROXY ELECTRONICALLY.

HOW TO VOTE BY INTERNET

We encourage you to review the proxy materials online before voting.

Use the Internet to vote your shares. On the landing page of the above website in the box labeled "To Vote Your Shares by Internet" click on "**Vote Now**" to access the electronic proxy card and vote your shares.
Have this notice in hand when you access the website.

You will need to reference the 11-digit control number located on the reverse side.

*** Exercise Your *Right to Vote* ***

**Important Notice Regarding the Availability of Proxy Materials for the
Shareholder Meeting to Be Held on June 10, 2010**


MONOLITHIC POWER SYSTEMS, INC.

**BROKER
LOGO
HERE**

Return Address Line 1
Return Address Line 2
Return Address Line 3
51 MERCEDES WAY
EDGEWOOD NY 11717

Investor Address Line 1
Investor Address Line 2
Investor Address Line 3
Investor Address Line 4
Investor Address Line 5
John Sample
1234 ANYWHERE STREET
ANY CITY, ON A1A 1A1

1 OF 2
12
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Meeting Information

Meeting Type: Annual Meeting

For holders as of: April 19, 2010

Date: June 10, 2010 **Time:** 10:00 AM
PDT

Location: Monolithic Power Systems, Inc.
6409 Guadalupe Mines Road
San Jose, CA 95120

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You are receiving this communication because you hold shares in the above named company.

This is not a ballot. You cannot use this notice to vote these shares. This communication presents only an overview of the more complete proxy materials that are available to you on the Internet. You may view the proxy materials online at www.proxyvote.com or easily request a paper copy (see reverse side).

We encourage you to access and review all of the important information contained in the proxy materials before voting.

See the reverse side of this notice to obtain proxy materials and voting instructions.

Broadridge Internal Use Only

Job #
Envelope #
Sequence #
of # Sequence

— Before You Vote —

How to Access the Proxy Materials

Proxy Materials Available to VIEW or RECEIVE:

1. Annual Report 2. Notice & Proxy Statement

How to View Online:

Have the 12-Digit Control Number available (located on the following page) and visit: www.proxyvote.com.

How to Request and Receive a PAPER or E-MAIL Copy:

If you want to receive a paper or e-mail copy of these documents, you must request one. There is NO charge for requesting a copy. Please choose one of the following methods to make your request:

- 1) *BY INTERNET:* www.proxyvote.com
- 2) *BY TELEPHONE:* 1-800-579-1639
- 3) *BY E-MAIL*:* sendmaterial@proxyvote.com

* If requesting materials by e-mail, please send a blank e-mail with the 12-Digit Control Number (located on the following page) in the subject line.

Requests, instructions and other inquiries sent to this e-mail address will NOT be forwarded to your investment advisor. Please make the request as instructed above on or before May 27, 2010 to facilitate timely delivery.

— How To Vote —

Please Choose One of the Following Voting Methods

Vote In Person: If you choose to vote these shares in person at the meeting, you must request a “*legal proxy*.” To do so, please follow the instructions at www.proxyvote.com or request a paper copy of the materials, which will contain the appropriate instructions. Many shareholder meetings have attendance requirements including, but not limited to, the possession of an attendance ticket issued by the entity holding the meeting. Please check the meeting materials for any special requirements for meeting attendance.

Vote By Internet: To vote now by Internet, go to www.proxyvote.com. Have the 12-Digit Control Number available and follow the instructions.

Vote By Mail: You can vote by mail by requesting a paper copy of the materials, which will include a voting instruction form.

Internal Use
Only

Voting items

The Board of Directors recommends that you
vote FOR the following:

1. Election of Directors

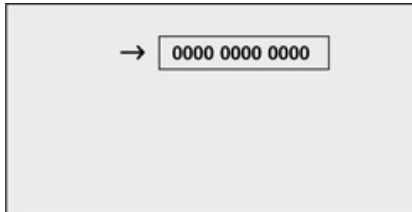
Nominees

01 Michael R. Hsing 02 Herbert Chang

The Board of Directors recommends you vote FOR the following proposal (s):

- 2 VOTE TO RATIFY THE APPOINTMENT OF DELOITTE & TOUCHE LLP AS THE INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM OF MONOLITHIC POWER SYSTEMS, INC FOR THE FISCAL YEAR ENDING DECEMBER 31, 2010.

NOTE: Such other business as may properly come before the meeting or any adjournment thereof.



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Reserved for Broadridge Internal Control Information

Voting Instructions

THIS SPACE RESERVED FOR LANGUAGE PERTAINING TO
BANKS AND BROKERS
AS REQUIRED BY THE NEW YORK STOCK EXCHANGE

THIS SPACE RESERVED FOR SIGNATURES IF APPLICABLE

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