

MICROSEMI CORPORATION

NOTICE OF ANNUAL MEETING OF STOCKHOLDERS TO BE HELD ON JANUARY 19, 2011
AND PROXY STATEMENT

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MICROSEMI CORPORATION
2381 Morse Avenue
Irvine, California 92614

NOTICE OF ANNUAL MEETING OF STOCKHOLDERS
To Be Held on January 19, 2011

TO THE STOCKHOLDERS OF MICROSEMI CORPORATION:

Our 2011 Annual Meeting of Stockholders will be held at the Hyatt Regency Irvine, 17900 Jamboree Road, Irvine, California 92614, on Wednesday, January 19, 2011, at 10:00 a.m., Pacific Standard Time, for the following purposes:

1. To elect the seven director nominees named in the attached Proxy Statement to serve until our next Annual Meeting of Stockholders and until their successors are duly elected and qualified (Proposal 1);
2. To ratify the appointment of PricewaterhouseCoopers LLP as our independent registered public accounting firm for fiscal year 2011 (Proposal 2); and
3. To transact such other business as may properly come before the Annual Meeting of Stockholders, including any adjournments or postponements thereof.

Any action on the items described above may be considered at the Annual Meeting of Stockholders at the time and on the date specified above or at any time and date to which the Annual Meeting of Stockholders is properly adjourned or postponed.

Only stockholders of record at the close of business on November 22, 2010 are entitled to notice of and to vote at the Annual Meeting of Stockholders and any adjournments or postponements of the meeting.

By Order of the Board of Directors,

Irvine, California
December 3, 2010

/s/ JOHN W. HOHENER

John W. Hohener
Secretary

IT IS IMPORTANT THAT ALL OF OUR STOCKHOLDERS BE REPRESENTED AT OUR ANNUAL MEETING OF STOCKHOLDERS AND AT ANY ADJOURNMENTS OR POSTPONEMENTS THEREOF. STOCKHOLDERS, WHETHER YOU EXPECT TO ATTEND THE ANNUAL MEETING OF STOCKHOLDERS IN PERSON OR NOT, ARE URGED TO VOTE YOUR SHARES BY COMPLETING, SIGNING, DATING AND RETURNING THE ACCOMPANYING PROXY CARD OR VOTING INSTRUCTION CARD IN THE PRE-ADDRESSED RETURN ENVELOPE PROVIDED OR BY TRANSMITTING YOUR VOTING INSTRUCTIONS ELECTRONICALLY VIA THE INTERNET OR BY TELEPHONE. PLEASE SEE THE ACCOMPANYING INSTRUCTIONS FOR MORE DETAILS ON VOTING. RETURNING YOUR PROXY CARD OR VOTING INSTRUCTION CARD PROMPTLY WILL ASSIST US IN REDUCING THE EXPENSES OF ADDITIONAL PROXY SOLICITATION. SUBMITTING YOUR PROXY CARD OR VOTING INSTRUCTION CARD DOES NOT AFFECT YOUR RIGHT TO VOTE IN PERSON IF YOU ATTEND THE ANNUAL MEETING OF STOCKHOLDERS (AND, IF YOU ARE NOT A STOCKHOLDER OF RECORD, YOU HAVE OBTAINED A LEGAL PROXY FROM THE BROKER, BANK, TRUSTEE OR OTHER NOMINEE THAT HOLDS YOUR SHARES GIVING YOU THE RIGHT TO VOTE THE SHARES IN PERSON AT THE ANNUAL MEETING OF STOCKHOLDERS).

Additional copies of proxy materials may be requested in writing and addressed to:

Attention: Investor Relations
Microsemi Corporation
2381 Morse Avenue
Irvine, California 92614

MICROSEMI CORPORATION
2381 Morse Avenue
Irvine, California 92614

PROXY STATEMENT

ANNUAL MEETING OF STOCKHOLDERS
January 19, 2011

Our Board of Directors is soliciting your proxy for our Annual Meeting of Stockholders to be held at 10:00 a.m., Pacific Standard Time, on January 19, 2011, at the Hyatt Regency Irvine, 17900 Jamboree Road, Irvine, California 92614, and any and all adjournments or postponements of the meeting, for the purposes set forth in the accompanying Notice of Annual Meeting of Stockholders. We are first mailing this proxy statement and the accompanying form of proxy to our stockholders on or about December 3, 2010.

IMPORTANT NOTICE REGARDING INTERNET AVAILABILITY OF PROXY MATERIALS

Stockholders may view this proxy statement and our 2010 Annual Report on Form 10-K over the Internet by accessing <http://www.envisionreports.com/mscc>. Information on this website does not constitute part of this proxy statement.

In addition, most stockholders can elect to receive future proxy statements and annual reports over the Internet instead of receiving paper copies in the mail. If you are a stockholder of record, you can choose this option and save us the cost of producing and mailing these documents by following the instructions on the enclosed proxy card or by following the instructions provided if you vote over the Internet or by telephone. If you hold your shares through a broker, bank, trustee or other nominee, please refer to the information provided by that entity for instructions on how to elect to receive future proxy statements and annual reports over the Internet.

QUESTIONS AND ANSWERS

Proxy Materials

1. What information is contained in this proxy statement?

The information in this proxy statement relates to the proposals to be voted on at the Annual Meeting of Stockholders, the voting process, our Board of Directors and the committees of our Board of Directors, the compensation of directors and of certain executive officers for fiscal year 2010, and other required information.

Voting Information

2. What items of business will be voted on at the Annual Meeting of Stockholders?

The items of business scheduled to be voted on at the Annual Meeting of Stockholders are:

- The election of the seven director nominees named in this proxy statement to serve until our next Annual Meeting of Stockholders and until their successors are duly elected and qualified (Proposal 1); and
- The ratification of the appointment of PricewaterhouseCoopers LLP as our independent registered public accounting firm for fiscal year 2011 (Proposal 2).

We will also consider any other business that properly comes before the Annual Meeting of Stockholders or any adjournments or postponements thereof. See Question 11 "What happens if additional matters are presented at the Annual Meeting of Stockholders?" below.

3. How does the Board recommend that I vote?

Our Board of Directors recommends that you vote “FOR” all of the nominees to the Board and “FOR” Proposal 2.

4. What shares can I vote?

Each share of our common stock outstanding as of the close of business on November 22, 2010, the *record date*, is entitled to one vote on each item being voted upon at the Annual Meeting of Stockholders. You may vote all shares owned by you as of the record date, including (1) shares held directly in your name as the *stockholder of record*, and (2) shares held for you as the *beneficial owner* through a broker, bank, trustee or other nominee. On the record date, 83,681,341 shares of our common stock were outstanding.

5. How can I vote my shares in person at the Annual Meeting?

Shares held in your name as the stockholder of record may be voted in person at the Annual Meeting of Stockholders. Shares held beneficially in street name (as described below) may be voted in person at the Annual Meeting of Stockholders only if you obtain a legal proxy from the broker, bank, trustee or other nominee that holds your shares giving you the right to vote the shares. *Even if you plan to attend the Annual Meeting of Stockholders, we recommend that you also submit your proxy or voting instructions as described below so that your vote will be counted if you later decide not to attend the meeting.*

6. How can I vote my shares without attending the Annual Meeting of Stockholders?

Whether you hold shares directly as the stockholder of record or beneficially in street name, you may direct how your shares are voted without attending the Annual Meeting of Stockholders. If you are a stockholder of record, you may vote by submitting a proxy. If you hold shares beneficially in street name, you may vote by submitting voting instructions to your broker, bank, trustee or other nominee. For directions on how to vote, please refer to the instructions below and to those included on your proxy card or, for shares held beneficially in street name, to the voting instruction card provided by your broker, bank, trustee or other nominee.

By Internet—Stockholders of record with Internet access may submit proxies by following the instructions on their proxy cards for voting by Internet. Most of our stockholders who hold shares beneficially in street name may vote by accessing the website specified on the voting instruction card provided by their broker, bank, trustee or other nominee. Please check the voting instruction card for Internet voting availability.

By Telephone—Stockholders of record may submit proxies by following the instructions on their proxy cards for voting by telephone. Most of our stockholders who hold shares beneficially in street name may vote by telephone by calling the number specified on the voting instruction card provided by their broker, bank, trustee or other nominee. Please check the voting instruction card for telephone voting availability.

By Mail—Stockholders of record may submit proxies by completing, signing and dating their proxy cards and mailing them in the accompanying pre-addressed envelope. Stockholders who hold shares beneficially in street name may vote by mail by completing, signing and dating the voting instruction cards provided and mailing them in the accompanying pre-addressed envelope.

7. What is the deadline for voting my shares?

If you hold shares as a stockholder of record, your vote must be received before the commencement of voting at the Annual Meeting of Stockholders, except that if you vote your shares electronically on the Internet or by telephone, your vote by proxy must be received prior to 8:59 p.m., Pacific Standard Time, on the day prior to the Annual Meeting of Stockholders. If you hold shares beneficially in street name with a broker, bank, trustee or other nominee, please follow the voting instructions provided by your broker, bank, trustee or other nominee.

8. May I change or revoke my vote?

You may change or revoke your vote at any time prior to the vote at the Annual Meeting of Stockholders. If you are a stockholder of record, you may change your vote by granting a new proxy bearing a later date (which automatically revokes the earlier proxy), by providing a written notice of revocation to our Secretary at our principal executive offices prior to your shares being voted, or by attending the Annual Meeting of Stockholders and voting in person. Attendance at the meeting will not cause your previously granted proxy to be revoked unless you specifically make that request. For shares you hold beneficially in street name, you may change your vote by submitting new voting instructions to your broker, bank, trustee or other nominee, or, if you have obtained a legal proxy from the broker, bank, trustee or other nominee that holds your shares giving you the right to vote the shares, by attending the meeting and voting in person.

9. How are votes counted?

In the election of directors, you may vote “FOR” all of the nominees or your vote may be “WITHHELD” with respect to one or more of the nominees.

For Proposal 2, you may vote “FOR,” “AGAINST,” or “ABSTAIN.” If you “ABSTAIN,” the abstention has the same effect as a vote against the proposal.

If you provide specific instructions with regard to certain items, your shares will be voted as you instruct on such items. If you submit your proxy or voting instructions without giving specific instructions, your shares will be voted in accordance with the recommendations of the Board (“FOR” all of the nominees to our Board of Directors and “FOR” Proposal 2) and in the discretion of the proxy holders on any other matters that properly come before the meeting.

10. What is the voting requirement to approve each of the proposals?

In the election of directors, the seven persons receiving the highest number of affirmative votes of shares entitled to vote on the matter will be elected as directors. A vote of “WITHHELD” with respect to a director will not be counted in determining the outcome of the election of the seven director nominees at the Annual Meeting of Stockholders, although it will lower the number of affirmative votes the director receives.

Proposal 2 requires the affirmative vote of the holders of a majority of the shares present in person or represented by proxy at the Annual Meeting of Stockholders and entitled to vote on the matter. A vote of “ABSTAIN” will have the same effect as a vote “AGAINST” Proposal 2.

If you hold shares beneficially in street name and do not provide your broker with voting instructions, your shares may constitute “broker non-votes.” Generally, broker non-votes occur on a matter when a broker has not received voting instructions from a beneficial owner and, pursuant to applicable stock exchange requirements, the broker is not permitted to vote on that matter without instructions from the beneficial owner but is permitted to exercise discretion to vote shares held by the beneficial owner on at least one other matter at the meeting without instructions from the beneficial owner. In tabulating the voting result for any particular proposal, shares that constitute broker non-votes are not considered entitled to vote on that proposal but are counted for purposes of determining whether a quorum is present. Brokers have discretion to vote a beneficial owner’s shares on Proposal 2, the proposal to ratify PricewaterhouseCoopers LLP as our independent registered public accounting firm, even if the broker does not receive voting instructions from the beneficial owner. However, brokers do not have discretion to vote a beneficial owner’s shares on the election of directors unless the broker has received voting instructions from the beneficial owner. Accordingly, if your shares are held in street name and you do not submit voting instructions to your broker, your shares will constitute broker non-votes with respect to the election of directors and will not be counted in determining the outcome of the election of the seven director nominees at the Annual Meeting of Stockholders.

11. What happens if additional matters are presented at the Annual Meeting of Stockholders?

Other than the two items of business described in this proxy statement, we are not aware of any other business to be acted upon at the Annual Meeting of Stockholders. If you grant a proxy, the persons named as proxy holders, James J. Peterson and John W. Hohener, will have the discretion to vote your shares on any additional matters properly presented for a vote at the meeting. If for any reason any of the nominees is not available as a candidate for director, the persons named as proxy holders will vote your proxy for such other candidate or candidates as may be nominated by our Board of Directors or for the balance of the nominees, leaving a vacancy, unless our Board of Directors chooses to reduce the number of directors serving on our Board of Directors.

12. Who will serve as inspectors of elections?

The inspectors of elections will be Hoang M. Ngo and Debbie W. Weber.

13. Who will bear the cost of soliciting votes for the Annual Meeting of Stockholders?

Our Board of Directors is making this solicitation, and we will pay the entire cost of preparing, assembling, printing, mailing and distributing these proxy materials and soliciting votes. In addition to the mailing of these proxy materials, the solicitation of proxies or votes may be made in person, by telephone or by electronic communication by our directors, officers and employees, who will not receive any additional compensation for such solicitation activities. We also reimburse brokerage houses and other custodians, nominees and fiduciaries for forwarding proxy and solicitation materials to stockholders.

14. Where can I find the voting results of the Annual Meeting of Stockholders?

We intend to announce preliminary voting results at the Annual Meeting of Stockholders. We will also report voting results by filing a current report on Form 8-K within four business days following the date of the Annual Meeting of Stockholders. If final voting results are not known when such report is filed, they will be announced in an amendment to such report within four business days after the final results become known.

Stock Ownership Information

15. What is the difference between holding shares as a stockholder of record and as a beneficial owner?

Most of our stockholders hold their shares through a broker, bank, trustee or other nominee rather than directly in their own name. As summarized below, there are some distinctions between shares held of record and those owned beneficially.

Stockholder of Record

If your shares are registered directly in your name with our transfer agent, Mellon Investor Services LLC, you are considered, with respect to those shares, the *stockholder of record*, and we are sending these proxy materials directly to you. As the *stockholder of record*, you have the right to grant your voting proxy directly to us or to a third party, or to vote in person at the meeting. We have enclosed a proxy card for you to use.

Beneficial Owner

If your shares are held in a brokerage account or by a bank, trustee or other nominee, you are considered the *beneficial owner* of shares held *in street name*, and these proxy materials are being forwarded to you together with a voting instruction card on behalf of your broker, bank, trustee or other nominee. As the *beneficial owner*, you have the right to direct your broker, bank, trustee or other nominee how to vote and you also are invited to attend the Annual Meeting of Stockholders. Your broker, bank, trustee or other nominee has enclosed or provided voting instructions for you to use in directing the broker, bank, trustee or other nominee how to vote your shares.

Since a beneficial owner is not the stockholder of record, you may not vote these shares in person at the meeting unless you obtain a legal proxy from the broker, bank, trustee or other nominee that holds your shares giving you the right to vote the shares at the meeting.

Annual Meeting of Stockholders Information

16. How can I attend the Annual Meeting of Stockholders?

You are entitled to attend the Annual Meeting of Stockholders only if you were a stockholder or joint holder as of the close of business on November 22, 2010, or if you hold a valid proxy for the Annual Meeting of Stockholders. If you are not a stockholder of record but hold shares beneficially through a broker, bank, trustee or other nominee, you should provide proof of beneficial ownership on the record date, a copy of the voting instruction card provided by your broker, bank, trustee or other nominee or other similar evidence of ownership.

17. How many shares must be present or represented to conduct business at the Annual Meeting of Stockholders?

The quorum requirement for holding the Annual Meeting of Stockholders and transacting business is that holders of a majority of shares of our common stock issued and outstanding and entitled to vote at the Annual Meeting of Stockholders must be present in person or represented by proxy at the meeting. Both abstentions and broker non-votes described previously in Question 10 are counted for the purpose of determining the presence of a quorum.

Stockholder Proposals, Director Nominations and Related Bylaw Provisions

18. May I propose actions for consideration at next year's Annual Meeting of Stockholders?

Yes. Stockholders interested in submitting a proposal for inclusion in the proxy materials distributed by us for the 2012 Annual Meeting of Stockholders may do so by following the procedures described in Rule 14a-8 promulgated under the Securities Exchange Act of 1934. To be eligible for inclusion, stockholder proposals must be delivered to us no later than August 5, 2011 and must comply with SEC regulations under Rule 14a-8 regarding the inclusion of stockholder proposals in company-sponsored proxy materials. All proposals should be sent to our Secretary at our principal executive offices.

If you intend to present a proposal at our 2012 Annual Meeting of Stockholders, but you do not intend to have the proposal included in our proxy statement for that meeting, or if you intend to nominate a candidate for election to our Board of Directors, you must deliver notice of your proposal or nomination by following the procedures set forth in Article II, Section 8 of our Bylaws. Your notice must be delivered to our Secretary not earlier than the close of business on September 21, 2011 and not later than the close of business on October 21, 2011. If the notice is not received within these deadlines and does not satisfy the additional notice requirements set forth in Article II, Section 8 of our Bylaws, the proposal or nomination will not be acted upon at the 2012 Annual Meeting of Stockholders.

SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT

The following table sets forth certain information concerning the beneficial ownership of our common stock, as of November 22, 2010, by (1) each person known by us to own beneficially more than 5% of our outstanding common stock, (2) each director and each nominee for election as a member of our Board of Directors, (3) each of the executive officers named in the Summary Compensation Table included in this proxy statement, and (4) all current directors and executive officers as a group. This table is based on information supplied to us by our executive officers, directors and principal stockholders or included in a Schedule 13G filed with the Securities and Exchange Commission. Except as otherwise indicated and subject to applicable community property laws, the persons named in the table have sole voting and investment power with respect to all shares of common stock beneficially owned.

| <u>Beneficial Owner</u> | <u>Amount and Nature of Beneficial Ownership (1)</u> | <u>Percentage of Class (2)</u> |
|--|--|--------------------------------|
| <i>Directors and Named Executive Officers:</i> | | |
| Dennis R. Leibel | 146,914 (3) | * |
| Thomas R. Anderson | 50,414 (4) | * |
| William E. Bendush | 42,414 (5) | * |
| Paul F. Folino | 20,837 (6) | * |
| William L. Healey | 50,414 (7) | * |
| Matthew E. Massengill | 88,414 (8) | * |
| James J. Peterson | 1,513,900 (9) | 1.8% |
| John W. Hohener | 286,667 (10) | * |
| Ralph Brandi | 679,249 (11) | * |
| John M. Holtrust | 372,435 (12) | * |
| Steven G. Litchfield | 454,796 (13) | * |
| All directors and executive officers as a group (12 persons) | 3,759,454 (14) | 4.4% |
| <i>Greater than 5% Stockholders:</i> | | |
| BlackRock Inc. 40 East 52 nd Street New York, NY 10022 | 7,524,987 (15) | 9.2% |
| Wells Fargo & Company and affiliates 420 Montgomery Street San Francisco, CA 94104 | 4,734,854 (16) | 5.5% |

* Represents less than 1.0% of the outstanding shares of our common stock.

- (1) We determine beneficial ownership in accordance with the rules of the Securities and Exchange Commission. We deem shares subject to options that are currently exercisable or exercisable within 60 days after November 22, 2010 outstanding for purposes of computing the share amount and the percentage ownership of the person holding the stock options, but we do not deem them outstanding for purposes of computing the percentage ownership of any other person.
- (2) Except as noted in footnotes (1) above and (15) and (16) below, we determine applicable percentage ownership based on 83,681,341 shares of our common stock outstanding as of November 22, 2010.
- (3) Includes 123,500 shares of our common stock that may be acquired within 60 days of November 22, 2010 through the exercise of stock options.
- (4) Includes 29,000 shares of our common stock that may be acquired within 60 days of November 22, 2010 through the exercise of stock options.
- (5) Includes 32,000 shares of our common stock that may be acquired within 60 days of November 22, 2010 through the exercise of stock options.
- (6) Includes 12,000 shares of our common stock that may be acquired within 60 days of November 22, 2010 through the exercise of stock options.

- (7) Includes 40,000 shares of our common stock that may be acquired within 60 days of November 22, 2010 through the exercise of stock options.
- (8) Includes 60,000 shares of our common stock that may be acquired within 60 days of November 22, 2010 through the exercise of stock options.
- (9) Includes 1,026,900 shares of our common stock that may be acquired within 60 days of November 22, 2010 through the exercise of stock options.
- (10) Includes 140,000 shares of our common stock that may be acquired within 60 days of November 22, 2010 through the exercise of stock options.
- (11) Includes 514,249 shares of our common stock that may be acquired within 60 days of November 22, 2010 through the exercise of stock options.
- (12) Includes 283,769 shares of our common stock that may be acquired within 60 days of November 22, 2010 through the exercise of stock options.
- (13) Includes 357,130 shares of our common stock that may be acquired within 60 days of November 22, 2010 through the exercise of stock options.
- (14) Includes 2,618,548 shares of our common stock that may be acquired within 60 days of November 22, 2010 through the exercise of stock options.
- (15) Beneficial and percentage ownership information is based on information contained in a Schedule 13G filed on January 29, 2010 by BlackRock Inc. on its own behalf and on behalf of certain subsidiaries. The schedule indicates that, as of December 31, 2009, BlackRock Inc., together with its subsidiaries, had sole voting power and sole dispositive power over 7,524,987 shares of our common stock.
- (16) Beneficial and percentage ownership information is based on information contained in a Schedule 13G/A filed on January 25, 2010 by Wells Fargo & Company on its own behalf and on behalf of certain subsidiaries. The schedule indicates that, as of December 31, 2009, Wells Fargo & Company, together with its subsidiaries, had sole voting power over 3,597,120 shares of our common stock, shared voting power over 3,600 shares of our common stock, sole dispositive power over 4,724,087 shares of our common stock, and shared dispositive power over 8,020 shares of our common stock. The foregoing shares beneficially owned by Wells Fargo & Company include 4,400,624 shares beneficially owned by its subsidiary, Wells Capital Management Incorporated. According to the Schedule 13G/A, Wells Capital Management Incorporated has sole voting power over 839,215 of such shares and sole dispositive power over 4,400,624 of such shares.

PROPOSAL 1
ELECTION OF DIRECTORS

Our Bylaws allow for a Board of Directors consisting of not fewer than three and up to thirteen directors, with the number being fixed from time to time by the Board of Directors. Our Board of Directors has fixed the number of directors at seven. Our Board of Directors has nominated all seven of our current directors for re-election to our Board of Directors. The seven nominees for election as directors will each serve for a term of one year (ending as of the next Annual Meeting of Stockholders) and until their respective successors are elected and qualified.

Nominees for Election

Our nominees for election to our Board of Directors at the Annual Meeting of Stockholders include six independent directors, as defined by the applicable listing standards of the NASDAQ Stock Market, and one current member of management. Each of the nominees is currently a member of our Board of Directors and has consented to be named and to serve if elected. In the event that, before the Annual Meeting of Stockholders, any of the nominees for director should become unable to serve if elected, the proxy holders may vote for a substitute nominee designated by our existing Board of Directors to fill the vacancy or for the balance of the nominees, leaving a vacancy, unless our Board of Directors chooses to reduce the number of directors serving on our Board. Our Board of Directors has no reason to believe that any of the nominees will be unwilling or unable to serve if elected as a director.

The names and other information of each of the seven nominees below contains information regarding the nominee's service as a director, business experience, public company director positions held currently or at any time during the last five years, information regarding involvement in certain legal or administrative proceedings during the last ten years, if applicable, and the experiences, qualifications, attributes or skills that the Governance and Nominating Committee and the Board of Directors used to determine that the person should serve as a director.

| <u>Name</u> | <u>Position with Company (in Addition to Director), Principal Occupation during Last Five Years, Directorships at Other Public Companies during Last Five Years, Legal or Administrative Proceedings (if applicable), and Qualifications to Serve as Director</u> | <u>Age</u> | <u>Director Since</u> |
|------------------------------|---|------------|---------------------------|
| James J. Peterson | Mr. Peterson has been our President and Chief Executive Officer since 2000. He formerly served as President of LinFinity Microelectronics, Inc., a manufacturer of linear and mixed signal integrated from 1997 to 1999 and as its Vice President of Sales from 1996 to 1997. We acquired LinFinity Microelectronics, Inc. in 1999. Prior to joining LinFinity Microelectronics, Inc., Mr. Peterson served as Senior Vice President, Worldwide Sales & Corporate Communications of Texas Instruments Storage Products Group from 1984 to 1996. Mr. Peterson was a Director of STEC, Inc. from 2003 to 2009. Mr. Peterson possesses significant experience in our industry and contributes detailed knowledge of our Company's strategy and operations to the Board of Directors. | 55 | 2000 |
| Dennis R. Leibel | Mr. Leibel has been our Chairman of the Board since July 2004. Mr. Leibel is currently a retired financial and legal executive, private investor and consultant. He previously held senior positions at management consulting firms Leibel and Associates and Esquire Associates LLC. Mr. Leibel served in senior positions at AST Research, Inc., a desktop, mobile and server PC manufacturer, including Senior Vice President of Legal and Administration, Treasurer and General Counsel, from 1985 to 1996. Prior to joining AST Research, Inc., Mr. Leibel served in senior positions at Smith International, Inc., a diversified oilfield services company, including Director of Taxes, Vice President of Tax and Financial Planning and Vice President of Finance. During his tenure at AST Research, Inc. and Smith International, Inc., both companies were members of the Fortune 500. Mr. Leibel was a Director of Commerce Energy Group, Inc. from 2005 to 2008 and has been a Director of DPAC Technologies Corp. since 2006. Mr. Leibel brings to the Board of Directors long-term experience in legal, tax and financial matters and experience as a member of senior management within a large organization. | 66 | 2002 |
| Thomas R. Anderson | Mr. Anderson is currently a retired executive and private investor. He formerly served as Vice President and Chief Financial Officer of QLogic Corporation, a storage networking technology supplier, from 1993 to 2002. Prior to joining QLogic Corporation, he was Corporate Senior Vice President and Chief Financial Officer of Distributed Logic Corporation, a manufacturer of tape and disk controllers and computer subsystems from 1990 to 1992. Mr. Anderson brings to the Board of Directors long-term experience as a finance professional in the technology industry and experience as a former Chief Financial Officer of a public company. | 66 | 2002 |

| <u>Name</u> | <u>Position with Company (in Addition to Director), Principal Occupation during Last Five Years, Directorships at Other Public Companies during Last Five Years, Legal or Administrative Proceedings (if applicable), and Qualifications to Serve as Director</u> | <u>Age</u> | <u>Director Since</u> |
|---------------------------------|--|------------|---------------------------|
| William E. Bendush | Mr. Bendush is currently a retired executive and private investor. He formerly served as Senior Vice President and Chief Financial Officer of Applied Micro Circuits Corporation, an information technology products supplier, from 1999 to 2003. Prior to joining Applied Micro Circuits Corporation, Mr. Bendush served in varying senior financial positions, including Senior Vice President and Chief Financial Officer, at Silicon Systems, Inc., a manufacturer of semiconductors for the telecommunications and data storage markets, from 1985 to 1999. Mr. Bendush has been a Director of Conexant Systems, Inc. since 2008. Mr. Bendush brings to the Board of Directors long-term experience as a finance professional in the technology industry and experience as a former Chief Financial Officer of a public company. | 61 | 2003 |
| William L. Healey | Mr. Healey is currently a business consultant and private investor. From 2002 to 2005, he served as President and Chief Executive Officer of Cal Quality Electronics, Inc., an electronics manufacturer. From 1999 to 2002, Mr. Healey was a business consultant and private investor. He served as Chairman of the Board of Smartflex Systems, an electronics manufacturer, from 1996 to 1999 and as its President and Chief Executive Officer from 1989 to 1999. Prior to 1989, Mr. Healey served in a number of senior executive positions with Silicon Systems, Inc., including Senior Vice President of Operations. Mr. Healey has been a Director of Sypris Solutions, Inc. since 1997 and a Director of Pro-Dex, Inc. since 2007. Mr. Healey brings to the Board of Directors expertise in strategic planning and operations, experience as a former public company Chief Executive Officer in the electronics sector and experience from service on the boards of directors of several public companies. | 65 | 2003 |
| Paul F. Folino | Mr. Folino is currently the Executive Chairman of the Board of Emulex Corporation, an information technology products manufacturer, a position he has held since 2006 and has been as a Director since 1993. He was Chairman of the Board of Emulex Corporation from 2002 to 2006 and its Chief Executive Officer from 1993 to 2006. Prior to joining Emulex Corporation, Mr. Folino served as President and Chief Executive Officer of Thomas-Conrad Corporation, a manufacturer of local area networking products from 1991 to 1993. He also serves on the Board of Directors or as a Trustee of a number of non-profit organizations. Mr. Folino brings to the Board of Directors business and leadership experience in the technology industry, including experience as a public company Chief Executive Officer in the technology industry. | 65 | 2004 |
| Matthew E. Massengill | Mr. Massengill is the former Chairman of the Board of Western Digital Corporation, a computer storage technology provider, a position he held from 2001 to 2007. He also served as Western Digital Corporation's Executive Chairman of the Board from 2005 to 2007, its Chief Executive Officer from 2000 to 2005 and its President from 2000 to 2002. Mr. Massengill has been a Director of Western Digital Corporation since 2000, a Director of Conexant Systems, Inc. since 2008 and a Director of GT Solar International, Inc. since 2008. He was also a Director of ViewSonic Corporation from 2003 to 2008. Mr. Massengill brings to the Board of Directors technical training and business and leadership experience in the technology industry, including experience as a public company Chief Executive Officer in the technology industry and service on the boards of directors of several public companies. | 49 | 2006 |

Vote Required and Recommendation of the Board of Directors

The seven persons receiving the highest number of affirmative votes of shares entitled to be voted for the election of directors will be elected as directors.

YOUR BOARD OF DIRECTORS RECOMMENDS THAT YOU VOTE *FOR* THE ELECTION OF EACH OF THE NOMINEES NAMED IN THIS PROXY STATEMENT.

EXECUTIVE OFFICERS

Executive officers are appointed on an annual basis by our Board of Directors and serve at the discretion of the Board. The names and other information concerning the executive officers (other than James J. Peterson) are set forth below. The information regarding James J. Peterson is provided under the heading “Election of Directors” above.

| <u>Name</u> | <u>Position with Company and Principal Occupation during Last Five Years</u> | <u>Age</u> | <u>Officer Since</u> |
|--------------------------------|---|------------|--------------------------|
| John W. Hohener | Executive Vice President, Chief Financial Officer and Secretary since 2009; Vice President, Chief Financial Officer and Secretary since 2008; Vice President of Finance, Treasurer and Chief Accounting Officer since 2007; Vice President of Finance from 2006 to 2007; Executive Vice President and Chief Financial Officer of Biolase Technology, Inc., a medical technology company based in Irvine, California, from 2004 to 2006. | 55 | 2006 |
| Ralph Brandi | Executive Vice President, Chief Operating Officer since 2002; Vice President-Operations from 2000 to 2002. | 66 | 2000 |
| John M. Holtrust | Senior Vice President of Human Resources since 2005; Vice President of Human Resources from 2000 to 2005. | 60 | 2000 |
| Steven G. Litchfield | Executive Vice President, Chief Strategy Officer since 2009; Executive Vice President-Analog Mixed Signal Group from 2006 to 2009; Vice President-Corporate Marketing & Business Development from 2003 to 2006; Director of Business Development from 2001 to 2003. | 41 | 2003 |
| Russell R. Garcia | Executive Vice President-Marketing and Sales since 2010; Chief Executive Officer of WiSpry, Inc., a programmable radio frequency semiconductor company, based in Irvine, California, from 2007 to 2010; President and Chief Executive Officer of u-Nav Microelectronics, a global positioning system semiconductor company based in Irvine, California, from 2001 to 2006. | 50 | 2010 |

CORPORATE GOVERNANCE, BOARD MEETINGS AND COMMITTEES

Corporate Governance

Corporate Governance Guidelines and Code of Business Ethics

Our Board believes that good corporate governance is paramount to ensure that we are managed for the long-term benefit of our stockholders. Our Board has adopted Corporate Governance Guidelines that guide its actions with respect to, among other things, the composition of the Board, the Board's decision-making processes, Board meetings and involvement of management and the Board's standing committees, and procedures for appointing members of the committees. In addition, our Board has adopted a Code of Ethics that applies to all of our employees, directors and officers, including our principal executive officer, principal financial officer, principal accounting officer and other senior financial officers. The Code of Ethics, as applied to our principal executive officer, principal financial officer and principal accounting officer, constitutes our "code of ethics" within the meaning of Section 406 of the Sarbanes-Oxley Act and is our "code of conduct" within the meaning of the listing standards of the NASDAQ Stock Market. If we make any substantive amendments to our Code of Ethics or if we grant any waiver, including any implicit waiver, from any provision of the Code of Ethics to our executive officers or directors, we will promptly disclose the nature of the amendment or waiver on our website.

Our Code of Ethics and Corporate Governance Guidelines are available on our website under the Corporate Governance section of the Investors tab at <http://www.microsemi.com>. You may request copies of these documents, which will be provided free of charge, by writing to Investor Relations, Microsemi Corporation, 2381 Morse Avenue, Irvine, California 92614.

Director Independence

Our Corporate Governance Guidelines provide that a majority of the Board and all members of the Audit, Compensation, and Governance and Nominating Committees of the Board will be independent. On an annual basis, each director and executive officer is obligated to complete a Director and Officer Questionnaire that requires disclosure of each director's business and personal activities as they may relate to the Company, including any transactions with us in which a director or executive officer, or any member of his or her immediate family, has a direct or indirect material interest. Following completion of these questionnaires, the Board, with the assistance of the Governance and Nominating Committee, makes an annual determination as to the independence of each director using the current standards for "independence" as established by NASDAQ and after consideration of any material relationship a director may have with the Company.

In November 2010, our Board determined that all of our directors and nominees for election at the Annual Meeting of Stockholders are independent, as independence is defined under applicable listing standards of the NASDAQ Stock Market, except for James J. Peterson who serves full-time as our President and Chief Executive Officer.

Board Leadership Structure

Our Board of Directors is led by an independent, non-executive Chairman, Mr. Leibel. Our Board of Directors has determined that having an independent director serve as the non-executive Chairman of the Board is in the best interests of the stockholders at this time and allows the Chairman to focus on the effectiveness and independence of the Board while Mr. Peterson, our President and Chief Executive Officer, focuses on executing the Company's strategy and managing the Company's operations and performance.

Board Oversight of Enterprise Risk

Our Board is responsible for the oversight of enterprise risk and review of our management's processes for identifying, evaluating, managing, monitoring and mitigating risk to the Company. Management is responsible

for establishing these processes, including activities to manage day-to-day risk of our business and operations. Management regularly discusses these topics with our Board, specifically in relation to our business outlook, strategy and operations. The Board considers its role in risk management to be of high importance and seeks to ensure that there is an appropriate balance of risk and opportunity. The Board also believes that separation of the Chairman and Chief Executive Officer positions as described above facilitates the Board's ability to more effectively oversee enterprise risk.

Our Board conducts executive sessions of independent directors at each regularly-scheduled meeting. Our Board believes that these sessions promote open discussions amongst the independent directors and facilitate its oversight role of enterprise risk management.

Committees of the Board have oversight responsibilities with regard to risk management within each committee's area of responsibility. These risks may be specified in a committee charter or periodically identified by the committees.

In particular, we have reviewed our compensation programs to determine whether they encourage unnecessary or excessive risk taking and we have concluded that they do not. We believe that the design of the Company's annual cash and long-term equity incentives provides an effective and appropriate mix of incentives to help ensure the Company's performance is focused on long-term stockholder value creation and does not encourage the taking of short-term risks at the expense of long-term results. While the Company's performance-based cash bonuses are generally based on annual results, the amount of such bonuses are generally capped and represent only a portion of each individual's overall total compensation opportunities. The Company also generally has discretion to reduce bonus payments (or pay no bonus) based on individual performance and any other factors it may determine to be appropriate in the circumstances.

As to our compensation arrangements for our executive officers, the Compensation Committee takes risk into account in establishing and reviewing these arrangements. The Compensation Committee believes that our executive compensation arrangements do not encourage unnecessary or excessive risk taking as base salaries are fixed in amount and thus do not encourage risk taking. While the Company's annual incentive program requires that the Company achieve specified operating performance goals in order for cash bonuses and equity awards to be granted to executives under the program, the Compensation Committee determines the actual amount of each executive's cash bonus and equity grant based on multiple Company and individual performance criteria as described below. The Compensation Committee believes that the annual incentive program appropriately balances risk and the desire to focus executives on specific annual goals important to our success, and that it does not encourage unnecessary or excessive risk taking.

In addition, a significant portion of the compensation provided to our executive officers is in the form of equity awards that further align executives' interests with those of our stockholders. The Compensation Committee believes that these awards do not encourage unnecessary or excessive risk-taking since the ultimate value of the awards is tied to our stock price, and since grants are generally granted on an annual basis and subject to long-term vesting schedules to help ensure that executives always have significant value tied to long-term stock price performance.

Committees

Our Board of Directors has standing Audit, Compensation, Governance and Nominating, and Executive Committees. Each of these committees operates pursuant to a written charter that is available on our website under the Corporate Governance section of the Investors tab at <http://www.microsemi.com>. Our Board of Directors typically determines the membership of these committees at its organizational meeting held immediately after the Annual Meeting of Stockholders. The following table identifies the current members of our Board committees:

| <u>Director</u> | <u>Audit</u> | <u>Compensation</u> | <u>Governance and Nominating</u> | <u>Executive</u> |
|---------------------------------|--------------|---------------------|----------------------------------|------------------|
| James J. Peterson | | | | Chair |
| Dennis R. Leibel | ✓ | Chair | ✓ | ✓ |
| Thomas R. Anderson | Chair | | ✓ | ✓ |
| William E. Bendush | ✓ | | Chair | |
| William L. Healey | | ✓ | ✓ | |
| Paul F. Folino | | ✓ | | |
| Matthew E. Massengill | | ✓ | | |

Audit Committee. The Audit Committee consisted of directors Thomas R. Anderson, William E. Bendush and Dennis R. Leibel for the entire fiscal year 2010. Our Board of Directors has affirmatively determined that each of the members of the Audit Committee is independent as defined under applicable NASDAQ listing standards and applicable rules of the Securities and Exchange Commission. The Board of Directors has also determined that each of Mr. Anderson, Mr. Bendush and Mr. Leibel are “audit committee financial experts” as defined by rules of the Securities and Exchange Commission. The Audit Committee held nine meetings during fiscal year 2010.

The Audit Committee reviews matters relating to our internal and external audits, financial statements and systems of internal controls. The primary responsibility of the Audit Committee is to confirm the independence of our independent registered public accounting firm, review the scope of audit and non-audit assignments and review the adequacy of internal controls and policies with respect to risk assessment and risk management. Our internal audit department reports directly to the Audit Committee and performs procedures to identify and evaluate risks. Our internal audit department also recommends risk management controls and continually monitors the effectiveness of these controls. Our Audit Committee meets with the internal audit department on at least a quarterly basis.

The Audit Committee also meets with our independent registered public accounting firm on at least a quarterly basis. Meetings with our independent registered public accounting firm are held both in the presence of management and in executive session without the presence of management. Our independent registered public accounting firm also has direct access to the Audit Committee.

The Audit Committee also meets to conduct reviews of our Annual Report on Form 10-K and Quarterly Reports on Form 10-Q. The Audit Committee’s procedures include, among other things, a review of the financial statements, disclosures and risk factors in the filing with management, our internal audit department and our independent registered public accounting firm.

Compensation Committee. The Compensation Committee consisted of directors Paul F. Folino, William L. Healey, Dennis R. Leibel and Matthew E. Massengill for the entire fiscal year 2010. Our Board of Directors has affirmatively determined that each of the members of the Compensation Committee is independent as defined under applicable NASDAQ listing standards. The Compensation Committee held eight meetings during fiscal year 2010.

Pursuant to its charter, the Compensation Committee's responsibilities include the following:

- approving goals relevant to the compensation of our Chief Executive Officer ("CEO"), evaluating the CEO's performance in light of those goals and objectives, and setting the CEO's compensation level based on this evaluation;
- approving all compensation arrangements for our other executive officers;
- making recommendations to the Board of Directors with respect to our incentive and equity-based compensation plans and all compensation arrangements for members of the Board and of Board committees; and
- helping to ensure that our compensation policies and practices create a direct relationship between executive compensation and performance and allow us to recruit and retain superior talent.

The Compensation Committee may form subcommittees and delegate to its subcommittees such power and authority as it deems appropriate. The Compensation Committee has no current intention to delegate any of its other authority to any subcommittee. Our executive officers, including the Named Executive Officers (as identified below), do not have any role in determining the form or amount of compensation paid to our Named Executive Officers and our other senior executive officers. However, our CEO does make recommendations to the Compensation Committee with respect to compensation paid to the other executive officers.

In addition, the Board of Directors has appointed a Special Committee to Make Grants to Non-executive Employees and delegated to this committee limited authority to make certain equity award grants to our employees other than executive officers in connection with the hiring, promotion or retention of these employees. Mr. Peterson is currently the sole member of this committee.

Pursuant to its charter, the Compensation Committee is authorized to retain such independent compensation consultants and other outside experts or advisors as it believes to be necessary or appropriate to carry out its duties. For fiscal year 2010, as in prior years, the Compensation Committee retained the firm of Frederic W. Cook & Co., Inc. ("F.W. Cook") as independent compensation consultants to assist it in determining the compensation levels for our senior executive officers. Except for the consulting services provided to the Compensation Committee, F. W. Cook did not perform any other services for the Company or its management. The Compensation Committee made its compensation decisions during fiscal year 2010, including decisions with respect to our Named Executive Officers' compensation, after consultation with F.W. Cook. F.W. Cook advised the Compensation Committee with respect to trends in executive compensation, determination of pay programs, assessment of competitive pay levels and mix (*e.g.*, proportion of fixed pay to incentive pay and proportion of annual cash pay to long-term incentive pay), and setting compensation levels. F.W. Cook also reviewed and identified our appropriate peer group companies for fiscal year 2010 and helped the Compensation Committee to obtain and evaluate current executive compensation data for these peer group companies. All compensation decisions were made solely by the Compensation Committee or the Board of Directors.

Governance and Nominating Committee. The Governance and Nominating Committee consisted of directors Thomas R. Anderson, William E. Bendush, William L. Healey and Dennis R. Leibel for the entire fiscal year 2010. Our Board of Directors has affirmatively determined that each of the members of the Governance and Nominating Committee is independent as defined under applicable NASDAQ listing standards. The Governance and Nominating Committee considers matters related to the selection of individuals to be nominated for election to our Board of Directors, our annual Board self-evaluations and our corporate governance policies. The Governance and Nominating Committee held six meetings in fiscal year 2010.

In its risk oversight responsibility, the Governance and Nominating Committee periodically reviews our corporate governance guidelines and updates these guidelines as necessary. The Governance and Nominating Committee also reviews compliance with our corporate governance guidelines and insider trading policy and results of our Board's self-evaluation process.

Whenever a vacancy occurs on our Board of Directors, the Governance and Nominating Committee is responsible for identifying and attracting one or more candidates to fill that vacancy, evaluating each candidate and recommending a candidate for selection by the full Board of Directors. In addition, the Governance and Nominating Committee is responsible for recommending nominees for election or re-election to our Board of Directors at each Annual Meeting of Stockholders. In identifying and evaluating possible candidates for election as a director, the Governance and Nominating Committee considers factors related to the general composition of the Board as well as specific selection criteria related to the character and capacities of the individual candidates. We believe that the diversity of experience and background of our Board increases its ability to oversee enterprise risk.

While the Governance and Nominating Committee has no specific minimum qualifications in evaluating a director candidate, the Governance and Nominating Committee Charter provides, among other things, that our Board of Directors should be composed of directors who will bring to the Board a variety of experience and backgrounds and who will represent the balanced, best interests of the stockholders as a whole rather than special interest groups or constituencies, and that our Chief Executive Officer should normally be one of our directors. The Governance and Nominating Committee Charter also provides that, in considering possible candidates for election to our Board of Directors, the Governance and Nominating Committee and other directors should be guided in general by the composition guidelines established above and by, among other things, that each director: (1) should be chosen without regard to sex, race, age, religion or national origin; (2) should be an individual of the highest character and integrity and have an inquiring mind, vision and the ability to work well with others; (3) should be free of any conflict of interests which would violate applicable law or regulations or interfere with the proper performance of the responsibilities of a director; (4) should possess substantial and significant experience that would be of particular importance to the Company in the performance of the duties of a director; and (5) should have sufficient time available to devote to the affairs of the Company in order to carry out the responsibilities of a director. The Governance and Nominating Committee does not have a formal policy regarding the consideration of diversity in identifying director nominees, but from time to time looks for individuals with specific qualifications so that the Board as a whole may maintain an appropriate diversity of experience and background.

A stockholder may recommend a director candidate to the Governance and Nominating Committee by delivering a written notice to our Secretary at our principal executive offices that includes the resume of the person being recommended and a statement in writing of the reasons why the person being recommended is well qualified. The Governance and Nominating Committee may request additional information as it deems reasonably required to determine the eligibility of the director candidate to serve as a member of our Board of Directors. The Governance and Nominating Committee will review, investigate and recommend to the Board whether it should accept or reject for election to the Board each candidate suggested by any stockholder of the Company. The Governance and Nominating Committee will evaluate the director candidate in the same manner and using the same criteria as used for any other director candidate. If the Governance and Nominating Committee determines that a stockholder-recommended candidate is suitable for membership on our Board of Directors, it will include the candidate in the pool of candidates to be considered for nomination upon the occurrence of the next vacancy on our Board of Directors or in connection with the next Annual Meeting of Stockholders. Stockholders who desire to recommend candidates for consideration by our Board of Directors in connection with the next Annual Meeting of Stockholders should submit their written recommendation no later than the last day of the fiscal year preceding the year of that meeting.

Executive Committee. The Executive Committee consisted of directors Thomas R. Anderson, Dennis R. Leibel and James J. Peterson for the entire fiscal year 2010. The Executive Committee may act on behalf of the Board of Directors in such areas as specifically designated and authorized at a preceding meeting of the Board, or in areas requiring extraordinary or expeditious action when the entire Board cannot be convened, except with respect to actions specifically reserved to the Board itself or any actions that are specifically prohibited from being delegated to a Board committee by law, by our Bylaws or in resolutions adopted by the Board as then in effect. There were no meetings of the Executive Committee in fiscal year 2010.

Meetings and Attendance

During fiscal year 2010, our Board of Directors held a total of eight regularly scheduled or special meetings. While serving as a director in fiscal year 2010, no director attended less than 75% of the total number of meetings of the Board of Directors and of all committees on which the director served during the period that he served during fiscal year 2010.

All of our directors but one attended our 2010 Annual Meeting of Stockholders. Our Board of Directors encourages each director to make every reasonable effort to attend our Annual Meeting of Stockholders.

Communicating with Directors

Stockholders may send communications to any director(s), our entire Board of Directors, or any committee of the Board of Directors via U.S. Mail to the following address: Microsemi Corporation, Attention: Chairman of the Board, 2381 Morse Avenue, Irvine, California 92614. All communications received will be opened by the Corporate Secretary or his designee for the sole purpose of determining whether the contents represent a message to our directors. The Corporate Secretary or his designee will forward copies of all correspondence that, in the opinion of the Corporate Secretary or his designee, deals with the functions of the Board of Directors or its committees or that he otherwise determines requires the attention of any member, group or committee of the Board of Directors.

DIRECTOR COMPENSATION

Director Compensation Table for Fiscal Year 2010

The following table presents information regarding the compensation paid during fiscal year 2010 to members of our Board of Directors who are not also our employees (referred to as “Non-Employee Directors”). The compensation paid to Mr. Peterson, who is also employed by us, is presented below in the Summary Compensation Table and the related explanatory tables. Directors who are also officers or employees of the Company or its subsidiaries receive no additional compensation for their services as directors.

| Name | Fees Earned or Paid in Cash (\$) | Stock Awards (\$)(1)(2)(3) | Option Awards (\$)(1)(2) | Non-Equity Incentive Plan Compensation (\$) | Change in Pension Value and Nonqualified Deferred Compensation Earnings | All Other Compensation (\$) | Total (\$) |
|------------------------------|----------------------------------|----------------------------|--------------------------|---|---|-----------------------------|------------|
| | | | | | (\$) | | |
| Thomas R. Anderson | 62,920 | 112,490 | — | — | — | — | 175,410 |
| William E. Bendush | 56,320 | 112,490 | — | — | — | — | 168,810 |
| Paul F. Folino | 48,760 | 112,490 | — | — | — | — | 161,250 |
| William L. Healey | 53,560 | 112,490 | — | — | — | — | 166,050 |
| Dennis R. Leibel | 94,440 | 224,630 | — | — | — | — | 319,070 |
| Matthew E. Massengill . . . | 39,880 | 112,490 | — | — | — | — | 152,370 |

- (1) In accordance with recent changes in the Securities and Exchange Commission’s disclosure rules, the amounts reported in the “Stock Awards” column of the table above reflect the fair value on the grant date of the stock awards granted to our Non-Employee Directors during fiscal year 2010 as determined under the principles used to calculate the grant date fair value of equity awards for purposes of the Company’s financial statements. The fair value of stock awards granted was based on the closing price of our common stock on the date of grant. For additional information on the assumptions and methodologies used to calculate the amounts referred to above, please see the discussion of stock awards and option awards contained in the Stock Based Compensation and Employee Benefit Plans footnote to the Company’s Consolidated Financial Statements, included as part of the Company’s 2010 Annual Report on Form 10-K, filed with the Securities and Exchange Commission. No stock awards granted to Non-Employee Directors were forfeited during fiscal year 2010.
- (2) The following table presents the number of shares subject to outstanding and unexercised option awards and the number of shares subject to unvested stock awards held by each of our Non-Employee Directors as of October 3, 2010. No option awards granted to Non-Employee Directors were forfeited during fiscal year 2010.

| Director | Number of Shares Subject to Outstanding Options as of 10/03/10 | Number of Unvested Shares of Restricted Stock as of 10/03/10 |
|---------------------------------|--|--|
| Thomas R. Anderson | 29,000 | — |
| William E. Bendush | 32,000 | — |
| Paul F. Folino | 12,000 | — |
| William L. Healey | 40,000 | — |
| Dennis R. Leibel | 123,500 | — |
| Matthew E. Massengill | 60,000 | — |

- (3) Pursuant to our Non-Employee Director compensation program described below, we granted each of our Non-Employee Directors 7,000 fully-vested shares of our common stock on September 28, 2009 (the first business day of fiscal year 2010). Each of these grants had a fair value of \$112,490 on the grant date based on the closing price of our stock on the grant date. We also granted Mr. Leibel as Chairman of the Board an additional 7,000 fully-vested shares of our common stock on February 17, 2010 in connection with our Annual Meeting of Stockholders. This grant had a fair value of \$112,140 on the grant date based on the closing price of our stock on that date. See footnote (1) for the assumptions used to value these awards.

Director Compensation Policy

Director Compensation Policy—Fiscal 2010

For their services to the Board during fiscal 2010, the Chairman of the Board received a \$45,000 annual retainer, and each of our other Non-Employee Directors received a \$25,000 annual retainer. In addition, the Chairman of the Board received \$2,700 for each Board meeting attended in person, and each of the other Non-Employee Directors received \$1,800 for each Board meeting attended in person. For each committee meeting attended in person, the Audit Committee Chair received \$2,400, the Chairs of the Compensation Committee and Governance and Nominating Committee received \$1,800, and each of the members of these committees received \$1,200. Each of the Non-Employee Directors received 60% of the in-person compensation described above for meetings attended by telephone. All directors were reimbursed for out-of-pocket and travel expenses incurred to attend Board and committee meetings. No additional compensation was paid for actions taken by the Board or any committee by written consent.

In addition, we granted each Non-Employee Director 7,000 shares of our common stock on the first business day of fiscal 2010. Following the annual stockholders' meeting held in 2010 and upon election as Chairman, we granted the Chairman of the Board 7,000 shares of our common stock. In addition, our practice was to grant each newly elected or appointed Non-Employee Director 14,000 shares of our common stock. Each of these grants was fully vested on the date of grant.

Director Compensation Policy—Fiscal 2011

The Board, with input and advice from Frederic W. Cook & Co., Inc., compensation consultants, revised our policies for compensating our Non-Employee Directors for their service to the Board effective with the first quarter of fiscal 2011.

Cash Compensation. Pursuant to the revised policy, each Non-Employee Director will be paid an annual cash retainer of \$40,000. A Non-Employee Director who serves as the Chair of the Board will be entitled to an additional cash retainer of \$20,000 annually while serving in that position, and the Chairs of the Audit Committee, the Compensation Committee and the Governance and Nominating Committee will receive additional annual retainers of \$12,000, \$10,000, and \$7,000, respectively, while serving in these positions. A Non-Employee Director who attends a Board meeting, or a meeting of the Audit Committee, the Compensation Committee or the Governance and Nominating Committee, will be paid a meeting fee for attendance at the meeting. The fee for in-person attendance at a Board meeting is \$1,800, and the fee for in-person attendance at a meeting of one of these committees is \$1,200. The fee for participating in a meeting by telephone is 60% of the fee for in-person attendance at the meeting. No additional compensation will be paid for actions taken by the Board or any committee by written consent.

Equity Awards. The Board retained its policy of further linking the interests of directors with those of our stockholders through awards of our common stock, but shifted from grants of a fixed number of shares of our common stock to a grant-date value approach. Under the new policy, the number of shares of our common stock to be awarded to a Non-Employee Director on a particular grant date will be determined by dividing a pre-established grant date value (expressed in dollars) by the average closing price (the "Average Closing Price") of a share of our common stock over a period of twenty consecutive trading days ending with the grant date (or on the immediately preceding trading day if the grant date is not a trading day).

Under the revised policy, the annual grant date value used to determine the number of shares of our common stock to award to one of our continuing Non-Employee Directors is \$120,000. On the first trading day of fiscal 2011, each of our Non-Employee Directors was awarded 7,414 shares of our common stock, which was determined by dividing a grant date value of \$120,000 by the Average Closing Price on that date (\$16.1855). The Board determined, however, that in the future the annual grants for our Non-Employee Directors should coincide with our Annual Meeting of Stockholders each year. To transition from making these grants at the start of each

fiscal year, no annual grant will be made in connection with our 2011 Annual Meeting of Stockholders or in connection with the start of our 2012 fiscal year. At our Annual Meeting of Stockholders held in 2012, our continuing Non-Employee Directors will be granted a stock award based on the regular grant date value of \$120,000, plus an additional pro-rata portion of the annual grant value of \$120,000 to account for the period of time elapsed from the start of fiscal 2012 to the actual date of our 2012 Annual Meeting of Stockholders. For example, if our 2012 Annual Meeting of Stockholders is held four months after the start of fiscal 2012, the grant date value used to determine the stock awards for our continuing Non-Employee Directors at that annual meeting will be \$160,000 (which consists of the regular grant-date value of \$120,000 plus a pro-rata portion of this amount (\$40,000) to account for the one-third of a year that elapsed between the start of fiscal 2012 and that meeting). This transition will be complete in 2012 and regular grants will be made in connection with each Annual Meeting of Stockholders thereafter.

In addition to the regular annual equity awards described above, at each Annual Meeting of Stockholders (beginning with our 2011 Annual Meeting of Stockholders) we will make an additional award of shares of our common stock to the Chair of our Board, provided that the Chair is continuing in office and is also a Non-Employee Director. The number of additional shares that we will grant to our Chair will equal \$100,000 divided by the Average Closing Price on the date of that meeting.

For each new Non-Employee Director appointed or elected to the Board, on the date that the new Non-Employee Director first becomes a member of the Board, the new Non-Employee Director will be granted an award of our common stock determined by dividing (1) the sum of \$120,000 plus (if the director takes office other than on the date of an Annual Meeting of Stockholders) a pro-rata portion of the regular \$120,000 annual equity award grant value (to account for the period of time remaining in the year before the next regular annual equity award grant for our Non-Employee Directors) by (2) the Average Closing Price as of that date. For example, if a new Non-Employee Director first joins the Board mid-year, the Non-Employee Director will receive a number of shares of our common stock equal to \$180,000 (the initial fixed grant amount of \$120,000 plus a pro-rata portion (\$60,000) of the regular annual grant amount to account for the fact that the director was joining the Board mid-year) divided by the Average Closing Price on the date the director joins the Board. If a Non-Employee Director first becomes Chair of the Board other than on the date of an Annual Meeting of Stockholders, the Non-Employee Director will be granted an award of our common stock on that date based on a pro-rata portion of the annual additional \$100,000 value granted to a continuing Chair.

Each award of our common stock to a Non-Employee Director is fully vested at grant.

All of our Non-Employee Directors will be reimbursed by the Company for their reasonable travel, lodging and meal expenses incident to meetings of the Board or committees of the Board or in connection with other Board related business.

In connection with the changes in the policy, the Board eliminated the practice of paying reduced quarterly retainers to prior directors for their availability to provide certain consulting services.

Director Stock Ownership Guidelines

Our Board of Directors has established stock ownership guidelines for our directors. Each director shall, by August 5, 2014 or within five years after first becoming a member of the Board, whichever occurs later, acquire and hold for the balance of time the director serves on the Board, not fewer than 10,000 shares of common stock of the Company. The closing price of a share of the Company's common stock on November 12, 2010 was \$22.64. At that price, the value of 10,000 shares of or common stock (the stock ownership guideline) was more than five times the current \$40,000 base annual retainer paid to our Non-Employee Directors.

EXECUTIVE COMPENSATION

Compensation Discussion and Analysis

This section describes the material elements of compensation awarded to, earned by or paid to the individuals who served as our principal executive officer or our principal financial officer during fiscal year 2010, and our three other most highly compensated executive officers. These individuals are listed in the “Summary Compensation Table” below and are referred to as the “Named Executive Officers” in this proxy statement.

Our executive compensation programs are determined and approved by our Compensation Committee. None of the Named Executive Officers are members of the Compensation Committee or otherwise had any role in determining the compensation of other Named Executive Officers, although the Compensation Committee does consider the recommendations of our President and Chief Executive Officer in setting compensation levels for our other Named Executive Officers.

Executive Compensation Program Objectives and Overview

The Compensation Committee conducts an annual review of our executive compensation programs to help ensure that:

- the program is designed to allow the Company to recruit and retain superior talent and to create a direct relationship between executive compensation and performance; and
- the program provides compensation and benefit levels that create proper incentives to enhance the value of the Company and reward superior performance.

The Compensation Committee also reviews compensation levels to ensure they are reasonable after consideration of the executive compensation programs of similar companies. However, the Compensation Committee does not specifically “benchmark” compensation at a particular level as compared with these other companies. Instead, the Compensation Committee refers to the peer group compensation data as background information regarding competitive pay levels. The Compensation Committee’s practice has been to retain independent compensation consultants to help identify appropriate peer group companies and to obtain and evaluate current executive compensation data for these companies. The Compensation Committee retained the consulting firm of F.W. Cook for these purposes. The Compensation Committee selected the following U.S.-based publicly traded semiconductor companies as our peer group companies for fiscal year 2010: AVX Corporation, Conexant Systems, Inc., Cypress Semiconductor Corporation, Diodes, Inc., Emulex Corporation, Fairchild Semiconductor International, Inc., Integrated Device Technology, Inc., International Rectifier Corporation, Intersil Corporation, Micrel, Inc., Maxim Integrated Products, Inc., Mindspeed Technologies, Inc., National Semiconductor Corporation, ON Semiconductor Corporation, QLogic Corporation, RF Micro Devices, Inc., Semtech Corporation, Silicon Laboratories, Inc., Skyworks Solutions, Inc., TriQuint Semiconductor, Inc., Vishay Intertechnology, Inc. and Zoran Corporation. We reference and utilize peer group data as a component in measuring each element of our executive compensation program: base salary, annual incentive bonuses and long-term equity-based awards. These peer group companies were selected by the Compensation Committee based on the recommendations of F.W. Cook and based on the Compensation Committee’s assessment of the following criteria:

- Semiconductor, semiconductor equipment and technology hardware & equipment companies;
- Comparable pay models; and
- Revenues and market capitalization generally between one-third to three-times that of the Company.

Based on the criteria and the consultant’s recommendations, we modified the peer group in fiscal year 2010 as compared to fiscal year 2009 by adding Zoran Corporation and removing Cree, Inc. Our Named Executive

Officer base salaries were adjusted in fiscal year 2010 before these changes were made. Accordingly, the peer group in effect at the time of these adjustments included Cree, Inc. and excluded Zoran Corporation, but was otherwise the same group as noted above.

Our current executive compensation program is based on three components, which are designed to be consistent with our compensation philosophy: (1) base salary; (2) annual incentive bonuses; and (3) long-term equity awards, including stock options and restricted stock awards. We also provide our Named Executive Officers with certain perquisites and personal benefits and severance benefits if the executive's employment terminates under certain circumstances.

In structuring executive compensation packages, the Compensation Committee considers how each component promotes retention and/or motivates performance by the executive. Base salaries, perquisites and personal benefits, and severance and other termination benefits are primarily intended to attract and retain highly qualified executives. These are the elements of our executive compensation program where the value of the benefit in any given year is not dependent on performance. We believe that in order to attract and retain top executives, we need to provide them with predictable compensation levels that reward their continued service. Annual incentive bonuses are primarily intended to motivate our Named Executive Officers to achieve specific strategies and operating objectives, although we believe they also help us to attract and retain top executives. Our long-term equity incentives are primarily intended to align Named Executive Officers' long-term interests with stockholders' long-term interests, although we believe they also play a role in helping us to attract and retain top executives. Annual bonuses and long-term equity awards are the elements of our executive compensation program that are designed to reward performance and thus the creation of stockholder value.

We believe the individual components of our executive compensation program combine together to create a total compensation package for each Named Executive Officer that achieves our compensation objectives and is comparable to our peer group companies identified above. The Compensation Committee believes that the compensation levels for the Named Executive Officers are appropriate as the Company's revenue, net income, earnings before interest, taxes, depreciation and amortization ("EBITDA"), headcount, market capitalization, as well as one-, two- and three-year revenue growth, operating income growth and return on invested capital are within the median range of the peer companies. Because the Compensation Committee generally seeks to provide compensation at levels it believes are currently competitive, we do not generally factor in amounts realized from prior compensation paid to the Named Executive Officers.

Current Executive Compensation Program Elements

Base Salaries

The Company has not entered into employment agreements with any of the Named Executive Officers that provide for minimum levels of base salary. Salaries for our Named Executive Officers are reviewed by the Compensation Committee on an annual basis and the Compensation Committee makes a subjective determination as to whether and the extent to which the salaries should be adjusted. To help inform its decisions in setting specific salary levels for each Named Executive Officer and the Company's other executive officers, the Compensation Committee considers the executive's past performance and expected future contributions to the Company, the Company's overall performance, the executive's salary and responsibilities relative to the other executive officers, the salaries of similarly situated executives with our peer companies and the overall competition within the high technology market for executive talent. A formula is not used for these purposes and none of these factors is given any particular weight over another as the ultimate base salary determinations by the Compensation Committee are subjective.

During the annual review conducted for fiscal year 2010, the Compensation Committee approved increases to the base salaries for each of the Named Executive Officers. Mr. Hohener's base salary was increased in February 2010 from \$300,000 to \$346,000 in conjunction with his promotion to Executive Vice President, Chief Financial Officer, Secretary and Treasurer. The salary level for each of the other Named Executive

Officers was increased by approximately five percent in April 2010. The Compensation Committee determined in its judgment that these increases were appropriate in light of its subjective assessment of the factors identified above and that Mr. Hohener's increase was appropriate in light of the additional responsibilities of his new position. The Compensation Committee believes that the base salary levels of the Named Executive Officers are competitive.

Annual Incentive Bonuses

In December 2009, the Compensation Committee approved a program (the "bonus program") that provided each of the Named Executive Officers with an incentive bonus opportunity that would be payable partly in cash and partly in the form of a restricted stock award. The Compensation Committee believes that performance-based compensation such as annual bonuses and long-term equity incentives play a significant role in aligning management's interests with those of our stockholders. For this reason, these forms of compensation constitute a substantial portion of each of our Named Executive Officers' compensation.

The bonus program was intended to satisfy the requirements of Section 162(m) of the Internal Revenue Code to help preserve the Company's tax deduction for compensation paid under the program. In light of the requirements of Section 162(m), the Compensation Committee established a performance goal for fiscal year 2010 (the "performance period") and maximum cash bonus and restricted stock award amounts that could be paid or granted to each Named Executive Officer under the bonus program. The Compensation Committee set an operating performance goal of \$80.0 million of operating income (adjusted for the impact of restructuring activities and the impact of purchase accounting and non-cash charges such as amortization of intangible assets and stock-based compensation) for the performance period. The Compensation Committee determined, based on its subjective assessment of the range of possible operating results for the Company during the performance period, that this goal reflected the appropriate minimum level of Company performance for the Named Executive Officers to be considered for any bonus or award under the program.

The Compensation Committee believed, in its judgment, that operating income, as so adjusted, was an appropriate short-term measure of the Company's performance for purposes of the bonus program. The Compensation Committee set the maximum cash bonus and restricted stock award amounts for each Named Executive Officer at levels that it believed would be at the high end of the competitive market for years in which performance was exceptional, with the Compensation Committee having the discretion (as explained below) to determine the appropriate bonus and award levels within that maximum. Differences in maximum and actual bonus and award amounts reflect the Compensation Committee's assessment of different competitive pay levels for each position. With respect to Mr. Peterson, the Compensation Committee believes that a greater percentage of his overall compensation opportunities should be at-risk since he is our President and Chief Executive Officer and bears greater responsibility for the overall performance of the Company. Accordingly, Mr. Peterson's maximum bonus and maximum restricted stock amounts are significantly higher than the maximum amounts for the other Named Executive Officers.

No cash bonuses would be paid and no restricted stock would be awarded to the Named Executive Officers under the bonus program if the operating performance goal identified above was not achieved. If the Company's operating performance goal was achieved, the Company could pay a cash bonus, and could grant a restricted stock award, up to the applicable maximum amounts established by the Compensation Committee for the particular executive. Since the Compensation Committee's intent is that the maximum amounts will be paid or granted only in years in which it determines performance has been exceptional, the Compensation Committee has discretion under the bonus program and may award bonuses and restricted stock awards at less than the maximum amounts under the program even if the performance goal has been met. If the operating performance goal is met, the Compensation Committee's determination of awards under the bonus program (within the applicable maximum amount) is inherently subjective. There were no "target" amounts under the bonus program as the Compensation Committee retained discretion, and intended to exercise its discretion, in setting the actual award levels within the applicable maximum.

After the end of fiscal year 2010, the Compensation Committee determined that the Company had operating income (adjusted as described above) of approximately \$116.9 million and had achieved the operating performance goal for 2010. Accordingly, the Compensation Committee could consider each Named Executive Officer for a bonus of up to the maximum applicable amount established by the Compensation Committee for that executive. The maximum cash amounts under the bonus program for the Named Executive Officers for 2010 and the actual amount of the cash bonus awarded to each executive for 2010 are set forth in the table below. (The restricted stock component of the bonus program is discussed in additional detail below under “Fiscal Year 2010 Long-Term Incentive Equity Awards.”)

| <u>Name</u> | <u>Maximum Cash Amount (\$)</u> | <u>Cash Bonus Awarded (\$)</u> |
|--------------------------------|---------------------------------|--------------------------------|
| James J. Peterson | 1,200,000 | 400,000 |
| Ralph Brandi | 559,500 | 370,000 |
| John W. Hohener | 300,000 | 278,000 |
| Steven G. Litchfield | 290,600 | 210,000 |
| John M. Holtrust | 207,600 | 160,000 |

The Compensation Committee exercised its business judgment to determine the amount of the bonus to be awarded to each executive (within the maximum) based on its subjective assessment of each executive’s performance during the year, the competitive environment, the overall need to retain the executive in light of current performance and the overall contribution of the executive to the Company. In particular, the Compensation Committee believes that the bonuses awarded to the Named Executive Officers were appropriate and reasonable in light of its subjective assessment of the management team’s efforts to preserve value for the Company’s stockholders during 2010. As noted above, the Compensation Committee believes that a greater percentage of Mr. Peterson’s overall compensation opportunities should be at-risk in comparison with the other Named Executive Officers as he bears greater responsibility for the overall performance of the Company. For fiscal 2010, while the bonus amounts awarded to each executive were generally consistent relative to their respective base salaries, Mr. Peterson’s bonus was slightly lower than the other executives (as a percentage of his base salary) because the Compensation Committee determined to grant him a slightly larger equity award and a lower cash bonus consistent with the principle that a greater percentage of his compensation opportunities should be at risk. Relative to the maximum bonus amounts under the bonus program, Mr. Peterson’s bonus was significantly lower than the maximum because the Compensation Committee preserves greater flexibility to award him larger amounts for years in which the Company experiences significant growth, again consistent with the principle that a greater percentage of his compensation opportunities should be at risk.

The Compensation Committee did not use a formula in determining the bonus amounts (within the maximum), and none of the factors considered by the Compensation Committee was given any particular weight over another as the ultimate bonus determinations by the Compensation Committee were subjective. In addition, while the Compensation Committee believes that the bonus amounts for the Named Executive Officers are competitive, the Compensation Committee did not base its decisions on annual incentive bonuses to specific benchmarks against the peer group. Instead, the Compensation Committee referred to the peer group compensation data merely as background information regarding competitive pay levels.

Long-Term Incentive Equity Awards

Our policy is that the long-term compensation of our Named Executive Officers and other executive officers should be directly linked to the value provided to stockholders. Therefore, we have historically made annual grants of stock options and restricted stock awards to provide further incentives to our executives to increase stockholder value. The Compensation Committee believes that performance-based compensation such as long-term equity incentives play a significant role in aligning management’s interests with those of our stockholders. For this reason, these forms of compensation constitute a substantial portion of each of our Named Executive Officers’ compensation.

The Compensation Committee makes a subjective determination each year as to the type and number of long-term incentive equity awards to be granted to our Named Executive Officers in that year. To help inform its decision making process, the Compensation Committee considers a number of factors, including the executive's position with the Company and total compensation package, the executive's performance of his individual responsibilities, the equity participation levels of comparable executives at comparable companies, the Compensation Committee's general assessment of Company and individual performance, the executive's contribution to the success of the Company's financial performance, the tax consequences of the grants to the individual executive and the Company, accounting impact and potential dilution effects. A formula is not used for these purposes and none of these factors is given any particular weight over another as the ultimate equity award grant determinations by the Compensation Committee are subjective. As noted below, the Compensation Committee also generally considers in determining equity award levels that a greater percentage of overall compensation should be at-risk for our President and Chief Executive Officer as he bears greater responsibility for the overall performance of the Company.

The Company's practice has been to make annual equity award grants at the beginning of each fiscal year. In setting the grant levels, the Compensation Committee considers the performance of the Company and the executive during the preceding fiscal year, and we determine that these grants are, at least in part, compensation for the executive's services during the preceding fiscal year. As described above under "Annual Incentive Bonuses," the Compensation Committee determined in December 2009 that maximum amount of equity awards that could be granted to our Named Executive Officers in the beginning of fiscal year 2011 would be determined under the bonus program adopted for fiscal year 2010. The actual grant levels, determined by the Compensation Committee based on its subjective assessment of the Company's performance during fiscal year 2010, were approved by the Compensation Committee at the completion of the fiscal year.

Annual equity award grants are generally considered in the last Compensation Committee meeting of each fiscal year and are granted on or shortly after the first day of the new fiscal year. This meeting is scheduled near the beginning of each fiscal year and held in the latter part of September. Other than grants made in connection with the hiring or promotion of employees or other special circumstances, the Compensation Committee generally does not grant equity awards at any other time during the year. Awards related to the hiring or promotion of an individual are issued and priced commensurate with the effective day of each action and are approved by the Compensation Committee (or the Special Committee to Make Grants to Non-executive Employees, if applicable) commensurate with or in advance of such action. Each option is granted with a per-share exercise price equal to the fair market value of a share of our common stock on the grant date. For these purposes, and in accordance with the terms of our stock incentive plans and option grant practices, the fair market value is equal to the closing price of a share of our common stock on the applicable grant date.

While stock options have been granted in the past, the Company's current practice is to primarily grant long-term incentive awards to Named Executive Officers in the form of shares of restricted stock. In general, the restricted stock vests over the three-year period following the date of grant. Thus, restricted shares are designed both to link executives' interests with those of our stockholders as the shares' value is based on the value of our common stock and to provide a long-term retention incentive for the vesting period as they generally have value regardless of stock price volatility.

Fiscal Year 2010 Long-Term Incentive Equity Awards. The Fiscal Year 2010 Long-Term Incentive Equity Awards were granted to the Named Executive Officers on September 30, 2009 (the beginning of fiscal year 2010). As described in more detail in the Company's 2009 proxy statement, the number of shares subject to each of these grants was determined by the Compensation Committee after taking into account the Company's achievement of the operating performance goal established for the fiscal year 2009 bonus program and its subjective assessment of the performance of the Company and the individual executive during fiscal year 2009.

Fiscal Year 2011 Long-Term Incentive Equity Awards. As described above under "Annual Incentive Bonuses," the Compensation Committee approved a bonus program in December 2009 that provided for part of

each Named Executive Officer’s fiscal year 2010 bonus to be paid in the form of restricted stock and established each Named Executive Officer’s maximum restricted stock award opportunity. The maximum restricted stock amount that could be granted to each Named Executive Officer (if the applicable operating performance goal was achieved, as discussed in more detail above under “Annual Incentive Bonuses”) was denominated in dollars, with the maximum number of restricted shares that could be awarded to the executive to be determined by dividing that cash amount by the closing price of the Company’s common stock on the last day of the performance period.

As noted above under “Annual Incentive Bonuses,” the Compensation Committee determined that the Company achieved its operating performance goal established for the bonus program. Accordingly, the Compensation Committee could consider each of the Named Executive Officers for an award of restricted stock up to the number of restricted shares determined by dividing the executive’s maximum restricted stock amount by the per-share closing price of our common stock on the last trading day prior to October 3, 2010 (in this instance, October 1, 2010). Like the cash component of the bonus program, the restricted stock awards under the bonus program are intended to satisfy the requirements for deductibility under Section 162(m) of the Internal Revenue Code since they are only granted if the applicable operating performance goal is achieved.

For each of the Named Executive Officers, the maximum restricted stock amount established under the bonus program for fiscal year 2010, the maximum restricted stock amount and corresponding maximum number of restricted shares that could be awarded based on the Company’s achievement of the operating performance goal established for the bonus program, and the final number of shares awarded to the executive immediately following the end of fiscal year 2010 are set forth in the table below.

| <u>Name</u> | <u>Maximum Restricted Stock Amount (\$)</u> | <u>Closing Price on October 1, 2010 (\$)</u> | <u>Maximum Number of Restricted Shares Eligible to be Awarded</u> | <u>Final Number of Restricted Shares Awarded</u> |
|--------------------------------|---|--|---|--|
| James J. Peterson | 5,000,000 | 17.11 | 292,227 | 200,000 |
| Ralph Brandi | 2,000,000 | 17.11 | 116,891 | 105,000 |
| John W. Hohener | 1,400,000 | 17.11 | 81,823 | 63,000 |
| Steven G. Litchfield | 1,200,000 | 17.11 | 70,134 | 57,000 |
| John M. Holtrust | 1,200,000 | 17.11 | 70,134 | 52,000 |

The Compensation Committee exercised its business judgment to determine the actual number of restricted shares to award to each executive (within the maximum) based on its subjective assessment of the factors noted above. In particular, the Compensation Committee believes that the awards to the Named Executive Officers were appropriate and reasonable in light of its subjective assessment of the management team’s efforts to preserve value for the Company’s stockholders during 2010. As noted above, the Compensation Committee believes that a greater percentage of Mr. Peterson’s overall compensation opportunities should be at-risk in comparison with the other Named Executive Officers as he bears greater responsibility for the overall performance of the Company. Thus, the Compensation Committee awarded Mr. Peterson a larger equity award and, as noted above, a smaller cash bonus (on a relative basis as a percentage of each Named Executive Officer’s base salary level) than the other Named Executive Officers. Consistent with the principle that a greater percentage of his compensation opportunities should be at risk, the Compensation Committee preserves greater flexibility (by setting a maximum amount relatively larger than the maximums for the other Named Executive Officers) to make larger awards to Mr. Peterson for years in which the Company experiences significant growth, again consistent with the principle that a greater percentage of his compensation opportunities should be at risk. The restricted shares awarded are scheduled to vest over three years after grant, except that the award to Mr. Brandi was scheduled to vest over two years after grant given the particular importance of retaining him over a shorter period of time corresponding to certain factory consolidations by the Company.

The Compensation Committee did not use a formula in determining the award amounts (within the maximum), and none of the factors considered by the Compensation Committee was given any particular weight over another as the ultimate bonus determinations by the Compensation Committee were subjective. In addition,

while the Compensation Committee believes that the awards for the Named Executive Officers are competitive, the Compensation Committee did not base its equity award decisions on any specific benchmarks against the peer group. Instead, the Compensation Committee referred to the peer group compensation data merely as background information regarding competitive pay levels.

Perquisites and Personal Benefits

The Company provides certain perquisites and personal benefits to the Named Executive Officers. Perquisites provided to one or more Named Executive Officers include an automobile allowance and Company-paid premiums for life insurance coverage, disability insurance coverage and health insurance coverage under the Company's executive health plan. The Company believes that perquisites and personal benefits are often a tax-advantaged way to provide the Named Executive Officers with additional annual compensation that supplements their other compensation opportunities, and therefore treat perquisites as another component of annual compensation that is merely paid in a different form. The perquisites and personal benefits provided to each Named Executive Officer in fiscal year 2010 are reported in the Summary Compensation Table below, and are explained in more detail in the footnotes thereto.

Severance and Other Benefits Upon Termination of Employment

We provide each of our Named Executive Officers with severance benefits under individual retention agreements upon certain terminations of their employment in connection with a change in control of the Company. We provide these benefits because we believe that the occurrence, or potential occurrence, of a change in control transaction will create uncertainty regarding the continued employment of our Named Executive Officers and other executive officers as many change in control transactions result in significant organizational changes, particularly at the senior executive level. In order to encourage our executive officers to remain employed with the Company during an important time when their prospects for continued employment following the transaction may be uncertain, we provide these officers with severance benefits if their employment is actually or constructively terminated by us without cause in connection with a change in control. The severance benefits for the Named Executive Officers are generally determined as if they continued to remain employed for one to two years following their actual termination date, depending on the length of their service with the Company.

We believe that our executive officers should receive these severance benefits if their employment is constructively terminated in connection with a change in control (i.e., by a material reduction in the executive's compensation or duties). Because we believe that constructive terminations in connection with a change in control are conceptually the same as actual terminations, these retention agreements provide that the executive may terminate employment in connection with a change in control under circumstances that we believe would constitute a constructive termination of the Named Executive Officer's employment.

In addition, the retention agreement we entered into with Mr. Hohener in November 2008 provides for him to receive severance benefits if his employment is terminated by the Company without cause or by him for good reason prior to a change in control. Based on its review of similarly situated executives, the Compensation Committee determined that it was reasonable to provide Mr. Hohener with severance benefits under these circumstances in light of his position with the Company and as part of his overall compensation package. The severance benefits for Mr. Hohener are generally determined as if he continued to remain employed by the Company for one year following his actual termination date.

As described below under "Grants of Plan-Based Awards," outstanding options and other equity-based awards granted to our Named Executive Officer under our stock incentive plan generally have "double-trigger" vesting acceleration in connection with a change in control of the Company, which means that they vest on an accelerated basis only if the award holder's employment is terminated by the Company without cause or the award holder terminates employment for good reason, or the awards are not assumed by the successor entity in the transaction.

In the case of Mr. Peterson, as part of his change in control severance benefits, he would be reimbursed for the full amount of any excise taxes imposed on his severance payments and any other payments under Section 4999 of the Internal Revenue Code. We provide Mr. Peterson with a “gross-up” for any parachute payment excise taxes that may be imposed because we determined the appropriate level of change in control severance protections for him without factoring in the adverse effects that may result from imposition of these excise taxes. The excise tax gross-up is intended to make him whole for any adverse tax consequences he may become subject to under Section 4999 of the Internal Revenue Code, and to preserve the level of change in control severance protections that we have determined to be appropriate when we originally entered into this agreement with him in January 2001. When our Compensation Committee decided in 2004 to provide change of control severance benefits to the other Named Executive Officers, the Compensation Committee decided not to include these tax gross-up provisions in their agreements.

Policy with Respect to Section 162(m)

Section 162(m) of the Internal Revenue Code generally disallows public companies a tax deduction for compensation in excess of \$1,000,000 paid to their chief executive officers and the three other most highly compensated Named Executive Officers employed at the end of the year (other than the Chief Financial Officer) unless certain performance and other requirements are met. Our intent is generally to design and administer executive compensation programs in a manner that will eliminate the impact of Section 162(m). However, we reserve the right to design programs that recognize a full range of performance criteria important to our success, even where the compensation paid under such programs may not be deductible. We believe that the performance-based components of our current executive compensation program (including the performance-based cash bonuses and restricted share awards granted to our Named Executive Officers under our incentive programs as described above) satisfy the requirements for exemption from the \$1,000,000 deduction limitation. The Compensation Committee will continue to monitor the tax and other consequences of our executive compensation program as part of its primary objective of ensuring that compensation paid to our executive officers is reasonable and consistent with the goals of Microsemi and its stockholders.

The following report of our Compensation Committee shall not be deemed soliciting material or to be filed with the Securities and Exchange Commission or subject to Regulation 14A or 14C under the Securities Exchange Act of 1934 or to the liabilities of Section 18 of the Securities Exchange Act of 1934, nor shall any information in this report be incorporated by reference into any past or future filing under the Securities Act of 1933 or the Securities Exchange Act of 1934, except to the extent we specifically request that it be treated as soliciting material or specifically incorporate it by reference into a filing under the Securities Act of 1933 or the Securities Exchange Act of 1934.

Report of the Compensation Committee

The Compensation Committee has certain duties and powers as described in its charter. The Compensation Committee is currently composed of the four Non-Employee Directors named at the end of this report, each of whom is independent as defined by the NASDAQ listing standards.

The Compensation Committee has reviewed and discussed with management the disclosures contained in the Compensation Discussion and Analysis section of this proxy statement. Based upon this review and discussion, the Compensation Committee recommended to our Board that the Compensation Discussion and Analysis section be included in this proxy statement to be filed with the Securities and Exchange Commission.

COMPENSATION COMMITTEE

Dennis R. Leibel (Chairman)
Paul F. Folino
William L. Healey
Matthew E. Massengill

Compensation Committee Interlocks and Insider Participation

The Compensation Committee members whose names appear on the Compensation Committee Report above were committee members during all of fiscal year 2010. No member of the Compensation Committee is or has been an executive officer of the Company or had any relationships requiring disclosure by the Company under rules of the Securities and Exchange Commission requiring disclosure of certain relationships and related person transactions. None of the Company's executive officers served as a director or a member of a compensation committee (or other committee serving an equivalent function) of any other entity, the executive officers of which served as a director or member of the Compensation Committee during the fiscal year ended October 3, 2010.

Summary Compensation Table—Fiscal Years 2008 through 2010

The following table shows the compensation paid to or earned by our Named Executive Officers during the fiscal years 2008 through 2010.

| Name and Principal Position | Year | Salary (\$) | Bonus (\$) | Stock Awards (\$ (1)) | Option Awards (\$ (1)) | Non-Equity Incentive Plan Compensation (\$ (2)) | Change in Pension Value and Nonqualified Deferred Compensation Earnings (\$) | All Other Compensation (\$ (3)) | Total (\$) |
|---|------|----------------|---------------|-----------------------------|------------------------------|---|---|---------------------------------------|---------------|
| James J. Peterson President and Chief Executive Officer | 2010 | 615,600 | — | 1,894,800 | — | 400,000 | — | 48,695 | 2,959,095 |
| | 2009 | 600,000 | — | 5,045,040 | — | — | — | 48,265 | 5,693,305 |
| | 2008 | 599,519 | 1,000,000 | 4,987,500 | — | — | — | 58,885 | 6,645,904 |
| John W. Hohener Executive Vice President, Chief Financial Officer, Secretary and Treasurer | 2010 | 328,750 | — | 1,347,900 | — | 278,000 | — | 42,437 | 1,997,087 |
| | 2009 | 300,000 | — | 1,274,000 | — | 71,000 | — | 43,302 | 1,688,302 |
| | 2008 | 263,654 | 300,000 | 1,425,000 | — | — | — | 49,454 | 2,038,108 |
| Ralph Brandi Executive Vice President, Chief Operating Officer | 2010 | 410,020 | — | 1,579,000 | — | 370,000 | — | 46,623 | 2,405,643 |
| | 2009 | 399,640 | — | 2,548,000 | — | 128,000 | — | 46,404 | 3,122,044 |
| | 2008 | 388,672 | 500,000 | — | — | — | — | 87,927 | 976,599 |
| John M. Holtrust Senior Vice President of Human Resources | 2010 | 266,250 | — | 631,600 | — | 278,000 | — | 40,021 | 1,215,871 |
| | 2009 | 259,500 | — | 764,400 | — | 48,000 | — | 51,527 | 1,123,427 |
| | 2008 | 250,548 | 200,000 | 665,019 | — | — | — | 42,866 | 1,158,433 |
| Steven G. Litchfield Executive Vice President, Chief Strategy Officer | 2010 | 298,220 | — | 631,600 | — | 210,000 | — | 43,775 | 1,183,595 |
| | 2009 | 290,640 | — | 1,070,160 | — | 30,000 | — | 50,370 | 1,441,170 |
| | 2008 | 280,614 | 250,000 | 950,019 | — | — | — | 66,504 | 1,547,137 |

(1) In accordance with recent changes in the Securities and Exchange Commission's disclosure rules, the amounts reported in the "Stock Awards" and "Option Awards" columns for fiscal year 2010 reflect the fair value on the grant date of the stock awards and option awards, respectively, granted to our Named Executive Officers during fiscal year 2010. These values have been determined under the principles used to calculate the grant date fair value of equity awards for purposes of the Company's financial statements. The fair value of stock awards granted was based on the closing price of our common stock on the date of grant. For additional information on the assumptions and methodologies used to value the awards reported in the "Stock Awards" and "Option Awards" columns above, please see the discussion of stock awards and option awards contained in the Stock Based Compensation and Employee Benefit Plans footnote to the Company's Consolidated Financial Statements, included as part of the Company's 2010 Annual Report on Form 10-K, filed with the Securities and Exchange Commission. Under general accounting principals, compensation expense with respect to stock awards and option awards granted to our employees and directors is generally recognized over the vesting periods applicable to the awards. The Securities and Exchange Commission's disclosure rules previously required that we present stock award and option award information for fiscal years 2009 and 2008 based on the amount recognized during the corresponding year for financial statement reporting purposes with respect to these awards (which meant, in effect, that in any given year we could recognize for financial statement reporting purposes amounts with respect to grants made in that year as well as with respect to grants from past years that vested in or were still vesting during that year). However, the recent changes in the Securities and Exchange Commission's disclosure rules require that we now present the stock award and option award amounts in the applicable columns of the table above with respect to fiscal years 2009 and 2008 on a similar basis as the fiscal year 2010 presentation using the grant date fair value of the awards granted during the corresponding year (regardless of the period over which the awards are scheduled to vest). Since this requirement differs from the Securities and Exchange Commission's past disclosure rules, the amounts reported in the table above for stock awards and option awards in fiscal years 2009 and 2008 differ from the amounts previously reported in our Summary Compensation Table for these years. As a result, each Named Executive Officer's total compensation amounts for fiscal years 2009 and 2008 also differ from the amounts previously reported in our Summary Compensation Table for these

years. No stock awards or option awards granted to Named Executive Officers were forfeited during fiscal years 2010, 2009 or 2008. For information about the stock awards granted to our Named Executive Officers for fiscal year 2010, please see the discussion under “Grants of Plan-Based Awards” below.

- (2) For a description of our non-equity incentive plan compensation for fiscal year 2010, please see the discussion in the “Compensation Discussion and Analysis” above.
- (3) The amounts reported in the “All Other Compensation” column of the table above consists of payments of premiums under the Company’s health, disability and life insurance policies and auto allowance for each of these executives. The Company is not the beneficiary of the life insurance policies, and the premiums that the Company pays are taxable as income to the applicable executive officer. This insurance is not split-dollar life insurance. The fiscal year 2010 payments made on behalf of or to each of the Named Executive Officers were as follows:

| <u>Name</u> | <u>Health and Disability Insurance Premiums (\$)</u> | <u>Auto Allowance (\$)</u> | <u>Term Life Insurance Premiums (\$)</u> |
|----------------------------|--|--------------------------------|--|
| James J. Peterson | 29,975 | 12,000 | 6,720 |
| John W. Hohener | 24,713 | 11,004 | 6,720 |
| Ralph Brandi | 28,899 | 11,004 | 6,720 |
| John M. Holtrust | 22,297 | 11,004 | 6,720 |
| Steven G. Litchfield | 26,051 | 11,004 | 6,720 |

Compensation of Named Executive Officers

The Summary Compensation Table above quantifies the value of the different forms of compensation earned by or awarded to our Named Executive Officers in fiscal year 2010. The primary elements of each Named Executive Officer’s total compensation reported in the table are base salary, non-equity incentives or a bonus, and long-term equity incentives consisting of stock options and restricted stock awards. Named Executive Officers also earned the other benefits listed in the “All Other Compensation” column of the Summary Compensation Table, as further described in footnote 3 to the table. As noted above, the Company does not have employment agreements with any of the Named Executive Officers that provides for minimum levels of base salary.

The Summary Compensation Table should be read in conjunction with the tables and narrative descriptions that follow. The Grants of Plan-Based Awards table, and the accompanying description of the material terms of the restricted stock awards granted during fiscal year 2010, provides information regarding the long-term equity incentives awarded to our Named Executive Officers. The Outstanding Equity Awards at Fiscal Year End and Option Exercises and Stock Vested tables provide further information on the Named Executive Officers’ potential realizable value and actual value realized with respect to their equity awards.

Grants of Plan-Based Awards—Fiscal Year 2010

The following table provides information about grants of plan-based cash and equity awards during fiscal year 2010 to the Named Executive Officers. Each of the equity-based awards was granted under our 2008 Performance Incentive Plan (the “2008 Plan”).

| Name | Grant Date | Estimated Potential Payouts Under Non-Equity Incentive Plan Awards | | | Estimated Potential Payouts Under Equity Incentive Plan Awards | | | All Other Stock Awards: Number of Shares or Units (#) | All Other Option Awards: Number of Securities Underlying Options (#) | Exercise or Base Price of Awards (\$/Sh) | Grant Date Fair Value of Stock and Option Awards (\$) (1) |
|--------------------------------|------------|--|-------------|--------------|--|-------------|--------------|---|--|--|---|
| | | Threshold (\$) | Target (\$) | Maximum (\$) | Threshold (\$) | Target (\$) | Maximum (\$) | | | | |
| James J. Peterson | 9/30/09 | — | — | — | — | — | — | 120,000 | — | — | 1,894,800 |
| | 12/11/09 | — | — | 1,200,000 | — | — | — | — | — | — | — |
| John W. Hohener | 9/30/09 | — | — | — | — | — | — | 60,000 | — | — | 947,400 |
| | 12/11/09 | — | — | 300,000 | — | — | — | — | — | — | — |
| | 2/26/10(2) | — | — | — | — | — | — | 25,000 | — | — | 400,500 |
| Ralph Brandi | 9/30/09 | — | — | — | — | — | — | 100,000 | — | — | 1,579,000 |
| | 12/11/09 | — | — | 559,500 | — | — | — | — | — | — | — |
| John M. Holtrust | 9/30/09 | — | — | — | — | — | — | 40,000 | — | — | 631,600 |
| | 12/11/09 | — | — | 207,600 | — | — | — | — | — | — | — |
| Steven G. Litchfield | 9/30/09 | — | — | — | — | — | — | 40,000 | — | — | 631,600 |
| | 12/11/09 | — | — | 290,600 | — | — | — | — | — | — | — |

- (1) In accordance with recent changes in the Securities and Exchange Commission’s disclosure rules, the amounts reported in the “Grant Date Fair Value of Stock and Option Awards” column reflect the fair value of these awards on the grant date as determined under the principles used to calculate the value of equity awards for purposes of the Company’s consolidated financial statements. For a discussion of the assumptions and methodologies used to value the awards reported in this column, please see footnote (1) to the Summary Compensation Table.
- (2) This grant was issued to Mr. Hohener in conjunction with his promotion to Executive Vice President, Chief Financial Officer, Secretary and Treasurer. This award vests annually in equal installments over a three year period.

Description of Plan-Based Awards

The “non-equity incentive plan” awards and the “equity incentive plan” awards reflected in the Grants of Plan-Based Awards Table were granted under our annual bonus program. The terms of this program are described or referred to, as the case may be, in the “Compensation Discussion and Analysis” above.

Each of the equity-based awards reported in the Grants of Plan-Based Awards Table was granted under, and is subject to, the terms of the 2008 Plan. The 2008 Plan is administered by the Compensation Committee. The Compensation Committee has authority to interpret the plan provisions and make all required determinations under the plan. This authority includes making required proportionate adjustments to outstanding awards upon the occurrence of certain corporate events such as reorganizations, mergers and stock splits, and making provision to ensure that any tax withholding obligations incurred in respect of awards are satisfied. Awards granted under the plan are generally only transferable to a beneficiary of a Named Executive Officer upon his death. However, the Compensation Committee may establish procedures for the transfer of awards to other persons or entities, provided that such transfers comply with applicable securities laws and, with limited exceptions set forth in the plan document, are not made for value.

Under the terms of awards granted under the 2008 Plan, if there is a change in control of the Company, outstanding awards granted under the plan (including awards held by our Named Executive Officers) will generally terminate unless the Compensation Committee provides for the substitution, assumption, exchange or other continuation of the outstanding awards. The Compensation Committee has discretion to provide for outstanding awards to become vested and/or to be canceled in exchange for the right to receive a cash payment in connection with the change in control transaction.

The restricted stock awards granted to our Named Executive Officers during fiscal year 2010 vest annually in equal installments over a three year period, except that the award granted to Mr. Brandi vests over a two-year period. Prior to the time the shares become vested, the executive generally does not have the right to dispose of the restricted shares, but does have the right to vote and receive dividends (if any) paid by the Company in respect of the restricted shares.

Outstanding Equity Awards at Fiscal Year-End—Fiscal year 2010

The following table presents information regarding the outstanding equity awards held by each of the Named Executive Officers as of October 3, 2010, including the vesting dates for the portions of these awards that had not vested as of that date.

| Name | Option Awards | | | | | Stock Awards | | | |
|--------------------------------|---|---|--|----------------------------|------------------------|---|---|---|--|
| | Number of Securities Underlying Unexercised Options (#) Exercisable | Number of Securities Underlying Unexercised Options (#) Unexercisable | Equity Incentive Plan Awards: Number of Securities Underlying Unearned Options (#) | Option Exercise Price (\$) | Option Expiration Date | Number of Shares or Units of Stock That Have Not Vested (#) | Market Value of Shares or Units of Stock That Have Not Vested (\$)(1) | Unearned Shares, Units or Other Rights That Have Not Vested (#) | Equity Incentive Plan Awards: Market or Payout Value of Unearned Shares, Units or Other Rights That Have Not Vested (\$) |
| James J. Peterson | 50,000 | — | — | 15.47 | 12/20/2011 | — | — | — | — |
| | 69,000 | — | — | 11.36 | 08/18/2014 | — | — | — | — |
| | 257,900 | — | — | 13.72 | 09/26/2014 | — | — | — | — |
| | 500,000 | — | — | 25.27 | 09/26/2015 | — | — | — | — |
| | 150,000 | — | — | 18.97 | 10/02/2012 | — | — | — | — |
| | — | — | — | — | — | 75,000 (2) | 1,283,250 | — | — |
| John W. Hohener | — | — | — | — | — | 132,000 (3) | 2,258,520 | — | — |
| | — | — | — | — | — | 80,000 (4) | 1,368,800 | — | — |
| | 70,000 | — | — | 30.50 | 01/13/2012 | — | — | — | — |
| | 70,000 | — | — | 18.97 | 10/02/2012 | — | — | — | — |
| | — | — | — | — | — | 16,667 (5) | 285,172 | — | — |
| | — | — | — | — | — | 40,000 (4) | 684,400 | — | — |
| Ralph Brandi | — | — | — | — | — | 25,000 (6) | 427,750 | — | — |
| | 32,200 | — | — | 15.47 | 12/20/2011 | — | — | — | — |
| | 2,049 | — | — | 11.36 | 08/18/2014 | — | — | — | — |
| | 130,000 | — | — | 13.72 | 09/26/2014 | — | — | — | — |
| | 250,000 | — | — | 25.27 | 09/26/2015 | — | — | — | — |
| | 100,000 | — | — | 18.97 | 10/02/2012 | — | — | — | — |
| John M. Holtrust | — | — | — | — | — | 60,000 (7) | 1,026,600 | — | — |
| | 14,000 | — | — | 3.12 | 11/26/2012 | — | — | — | — |
| | 34,769 | — | — | 7.06 | 06/17/2013 | — | — | — | — |
| | 5,000 | — | — | 11.36 | 08/18/2014 | — | — | — | — |
| | 40,000 | — | — | 13.72 | 09/26/2014 | — | — | — | — |
| | 35,000 | — | — | 16.17 | 03/28/2015 | — | — | — | — |
| Steven G. Litchfield | 110,000 | — | — | 25.27 | 09/26/2015 | — | — | — | — |
| | 45,000 | — | — | 18.97 | 10/02/2012 | — | — | — | — |
| | — | — | — | — | — | 10,000 (5) | 171,100 | — | — |
| | — | — | — | — | — | 26,666 (4) | 456,255 | — | — |
| | 2,130 | — | — | 9.57 | 10/20/2013 | — | — | — | — |
| | 50,000 | — | — | 13.72 | 09/26/2014 | — | — | — | — |
| Steven G. Litchfield | 35,000 | — | — | 16.17 | 03/28/2015 | — | — | — | — |
| | 170,000 | — | — | 25.27 | 09/26/2015 | — | — | — | — |
| | 75,000 | — | — | 18.97 | 10/02/2012 | — | — | — | — |
| | 25,000 | — | — | 18.77 | 01/12/2013 | — | — | — | — |
| | — | — | — | — | — | 14,000 (5) | 239,540 | — | — |
| | — | — | — | — | — | 26,666 (4) | 456,255 | — | — |

- (1) The dollar amounts shown in this column are determined by multiplying (x) the number of unvested shares or units subject to the award by (y) \$17.11 (the closing price of a share of our common stock on October 1, 2010, the last trading day of fiscal year 2010).
- (2) The unvested portion of this grant is scheduled to vest on October 1, 2011.
- (3) The unvested portion of this grant is scheduled to vest in equal installments on September 29, 2011 and September 29, 2012.
- (4) The unvested portions of these grants are scheduled to vest in equal installments on September 30, 2011 and September 30, 2012.

- (5) The unvested portions of these grants are scheduled to vest on September 29, 2011.
- (6) The unvested portions of these grants are scheduled to vest in equal installments on February 16, 2011, February 16, 2012 and February 16, 2013.
- (7) The unvested portion of this grant is scheduled to vest on September 30, 2011.

Option Exercises and Stock Vested—Fiscal Year 2010

The following table presents information regarding the exercise of stock options by the Named Executive Officers during fiscal year 2010 and the vesting during fiscal year 2010 of other stock awards previously granted to the Named Executive Officers.

| Name | Option Awards | | Stock Awards | |
|--------------------------------|---|---------------------------------|--|------------------------------------|
| | Number of Shares Acquired on Exercise (#) | Value Realized on Exercise (\$) | Number of Shares Acquired on Vesting (#) | Value Realized on Vesting (\$) (1) |
| James J. Peterson | — | — | 156,000 | 2,683,038 |
| John W. Hohener | — | — | 86,666 | 1,429,249 |
| Ralph Brandi | — | — | 140,000 | 2,380,593 |
| John M. Holtrust | — | — | 48,890 | 809,371 |
| Steven G. Litchfield | — | — | 63,556 | 1,048,580 |

- (1) The dollar amounts shown in this column for stock awards are determined by multiplying the number of shares that vested by the per-share price of our common stock on the vesting date.

Potential Payments upon Termination or Change in Control

The following section describes the benefits that may become payable to the Named Executive Officers in connection with certain terminations of their employment pursuant to the terms of their respective retention agreements with the Company. In addition to the benefits described below, outstanding equity-based awards held by our Named Executive Officers may also be subject to accelerated vesting in connection with a change in control of the Company under the terms of our 2008 Plan as noted under “Grants of Plan-Based Awards” above.

In the event that a Named Executive Officer’s employment is terminated by the Company without cause or by the executive for good reason at any time following a change of control, the executive would be entitled to severance benefits based on the “Severance Multiplier” provided in that executive’s agreement. (For these purposes, the terms “cause,” “good reason” and “change of control” are each defined in the applicable agreement.) For Messrs. Peterson, Hohener and Brandi, the Severance Multiplier is two, and for Messrs. Holtrust and Litchfield, the Severance Multiplier is one. In each case, the executive would be entitled to the following benefits: (1) a lump sum cash payment equal to the Severance Multiplier times the sum of (a) the executive’s base salary as of the date of termination, plus (b) the highest annual bonus the executive received in any of the three years preceding the year of termination; (2) continued payment by the Company for the number of years represented by the Severance Multiplier of the premiums for medical, dental and vision coverage for the executive and his eligible dependants, the premiums for the executive’s life insurance coverage, and the executive’s car allowance; (3) a cash payment equal to the value of the executive’s unvested benefits under the Company’s tax-qualified retirement plans; and (4) full acceleration of the executive’s then outstanding and unvested equity-based awards, with the executive’s options to remain exercisable for the number of years represented by the Severance Multiplier (subject to earlier termination on the option’s expiration date). The agreement with Mr. Peterson also provides if the benefits payable to the executive in connection with a change in control would be subject to the excise tax imposed under Sections 280G and 4999 of the U.S. Internal Revenue Code of 1986, the Company will make a gross-up payment to the executive so that the net amount of such payment (after taxes) he receives is sufficient to pay the excise tax due.

In addition, the agreement with Mr. Hohener provides that if his employment is terminated by the Company without cause or by Mr. Hohener for good reason at any time prior to a change in control of the Company, Mr. Hohener would be entitled to the severance benefits described above, except that the Severance Multiplier used to determine the benefits in each case would be one.

In each case, the executive's right to receive severance benefits under his retention agreement is subject to his executing and delivering a release of claims in favor of the Company. In addition, each of the retention agreements provides that following a termination of employment under the circumstances described above, the executive will not solicit the Company's employees or engage in a business that competes with the Company for the number of years following termination of employment represented by the applicable Severance Multiplier (or, in the case of Mr. Peterson, for a period of between 12 and 18 months following termination).

Estimated Severance Benefits

As prescribed by disclosure rules of the Securities and Exchange Commission, in calculating the amount of any potential payments to the Named Executive Officers under the arrangements described above, we have assumed that the applicable triggering event (i.e., termination of employment and/or change in control of the Company) occurred on October 3, 2010 and that the price per share of our common stock is equal to the closing price on that date.

Termination Without Cause or for Good Reason after Change of Control. The following chart presents our estimate of the amount of the benefits to which each of the Named Executive Officers would have been entitled had his employment terminated on October 3, 2010 pursuant to a termination by the Company without cause or by the executive for good reason following a change in control of the Company:

| Name | Cash Severance (\$) | Continuation of Benefits (\$ (1)) | Equity Acceleration (\$ (2)) | Excise Tax Gross-Up (\$ (3)) | Total (\$) |
|--------------------------------|---------------------------|---|------------------------------------|------------------------------------|---------------|
| James J. Peterson | 3,262,400 | 97,390 | 4,910,570 | 1,537,279 | 9,807,639 |
| John W. Hohener | 1,292,000 | 84,875 | 1,397,322 | — | 2,774,197 |
| Ralph Brandi | 1,840,800 | 93,247 | 1,026,600 | — | 2,960,647 |
| John M. Holtrust | 473,000 | 40,021 | 627,355 | — | 1,140,376 |
| Steven G. Litchfield | 555,800 | 43,775 | 695,795 | — | 1,295,370 |

- (1) This column includes the Company's cost to provide continued medical, dental, vision, disability and life insurance for the executive and the executive's car allowance through the applicable severance period. As described above, the severance period is two years in the case of Messrs. Peterson, Hohener and Brandi and one year in the case of Messrs. Holtrust and Litchfield. (The account of each of our Named Executive Officers with severance benefits under our 401(k) plan was fully vested prior to the beginning of fiscal year 2010.)
- (2) This column reports the intrinsic value of the unvested portions of each executive's awards that would accelerate in these circumstances. For restricted stock awards, this value is calculated by multiplying the closing price of our common stock on the last trading day of the fiscal year by the number of shares subject to the accelerated portion of the award. For options, this value is calculated by multiplying the amount (if any) by which the closing price of our common stock on the last trading day of the fiscal year exceeds the exercise price of the option by the number of shares subject to the accelerated portion of the option. Named Executive Officers did not hold any unvested options on October 3, 2010.
- (3) As described above, if the benefits payable to Mr. Peterson in connection with a change in control would be subject to the excise tax imposed under Sections 280G and 4999 of the U.S. Internal Revenue Code of 1986, we will make an additional payment to the executive so that the net amount of such payment (after taxes) he receives is sufficient to pay the excise tax due. For purposes of calculating the amount of this payment, we have assumed that the executive's outstanding equity awards would be accelerated and terminated in exchange for a cash payment upon the change in control. The value of this acceleration (and thus the amount of the additional payment) would be slightly higher if the accelerated awards were assumed by the acquiring company rather than terminated upon the transaction.

Termination Without Cause or for Good Reason prior to Change of Control. The following chart presents our estimate of the amount of the benefits to which each of the Named Executive Officers would have been entitled had his employment terminated on October 3, 2010 pursuant to a termination by the Company without cause or by the executive for good reason prior to a change in control of the Company:

| <u>Name</u> | <u>Cash Severance (\$)</u> | <u>Continuation of Benefits (\$) (1)</u> | <u>Equity Acceleration (\$) (2)</u> | <u>Total (\$)</u> |
|----------------------------|----------------------------|--|-------------------------------------|-------------------|
| James J. Peterson | — | — | — | — |
| John W. Hohener | 646,000 | 42,437 | 1,397,322 | 2,085,759 |
| Ralph Brandi | — | — | — | — |
| John M. Holtrust | — | — | — | — |
| Steven G. Litchfield | — | — | — | — |

(1) See footnote (1) to the table above.

(2) See footnote (2) to the table above.

SECTION 16(a) BENEFICIAL OWNERSHIP REPORTING COMPLIANCE

Section 16(a) of the Securities Exchange Act of 1934 requires our executive officers, directors and persons who own beneficially more than ten percent of a registered class of our equity securities to file reports of ownership and changes in ownership with the Securities and Exchange Commission and the NASDAQ Stock Market. The Securities and Exchange Commission has established specific due dates for these reports, and we must disclose in this proxy statement any late filings during fiscal year 2010. To our knowledge, based solely on our review of the copies of Section 16(a) forms required to be furnished to us with respect to fiscal year 2010 and any written representations that no other reports were required, all of these reports were timely filed during fiscal year 2010.

EQUITY COMPENSATION PLAN INFORMATION

We currently maintain one equity compensation plan: the 2008 Plan, which has been approved by our stockholders. The following table sets forth for the 2008 Plan the number of shares of common stock subject to outstanding options, the weighted-average exercise price of outstanding options, and the number of shares remaining available for future award grants as of October 3, 2010.

| <u>Plan category</u> | <u>Number of shares of Common Stock to be issued upon exercise of outstanding options</u> | <u>Weighted-average exercise price of outstanding options</u> | <u>Number of shares of Common Stock remaining available for future issuance under equity compensation plans (excluding shares reflected in the first column)</u> |
|--|---|---|--|
| Equity compensation plans approved by stockholders | 9,226,158(1) | \$20.65 | 4,379,902(2) |
| Equity compensation plans not approved by stockholders | N/A | N/A | N/A |
| Total | 9,226,158 | \$20.65 | 4,379,902 |

- (1) This table does not include equity awards that have been assumed by the Company in connection with the acquisition of other companies. As of October 3, 2010, an additional 24,205 shares of the Company's common stock were subject to outstanding stock options assumed in connection with acquisitions of other companies (with a weighted average exercise price of \$14.06 per share) and an additional 1,019 shares of the Company's common stock were subject to outstanding assumed awards of restricted stock units.
- (2) All of these shares are available for future issuance under the 2008 Plan. The shares available for awards under the 2008 Plan are, subject to certain other limits under the plan, generally available for any type of award authorized under the 2008 Plan, including stock options, stock appreciation rights, restricted stock awards, stock bonuses and other stock-based awards. The 2008 Plan includes a formula for automatic increases in the number of securities available for issuance under the plan on the first day of each fiscal year. The amount reported in the table above does not include the 2,497,118 shares that automatically became available for award grant purposes under the 2008 Plan on October 4, 2010, the first day of fiscal year 2011.

AUDIT MATTERS

Independent Registered Public Accounting Firm

PricewaterhouseCoopers LLP, our independent registered public accounting firm for the fiscal year ended October 3, 2010, has been selected by our Audit Committee to serve in that same capacity for the current fiscal year.

A representative of PricewaterhouseCoopers LLP is expected to be present at the Annual Meeting of Stockholders with the opportunity to make a statement if he or she so desires and to be available to respond to appropriate questions.

Audit and Non-Audit Fees

We were billed an aggregate of \$2,999,291 and \$2,531,964 by PricewaterhouseCoopers LLP for professional services in fiscal year 2010 and fiscal year 2009, respectively. The table below sets forth the components of these aggregate amounts.

| <u>Description of Professional Services</u> | <u>Amount Billed</u> | |
|---|-----------------------------|-----------------------------|
| | <u>Fiscal Year 2010</u> | <u>Fiscal Year 2009</u> |
| Audit Fees —professional services rendered for the audit of our annual financial statements in our Forms 10-K, the reviews of the quarterly financial statements in our Forms 10-Q, and Sarbanes-Oxley testing | \$1,994,074 | \$1,811,354 |
| Audit-Related Fees —assurance and related services reasonably related to the performance of the audit or review of our financial statements | — | — |
| Tax Fees —professional services rendered for tax compliance, tax advice and tax planning (1) | \$1,005,217 | \$ 720,610 |
| All Other Fees | — | — |
| Total Fees | <u>\$2,999,291</u> | <u>\$2,531,964</u> |

(1) Tax services in fiscal year 2010 and fiscal year 2009 included preparation of federal and state income tax returns, work concerning research and development tax credits and tax planning.

Audit Committee Pre-Approval Policies and Procedures

The Audit Committee has adopted a policy regarding the pre-approval of audit and non-audit services to be provided by our independent registered public accounting firm. The policy requires that PricewaterhouseCoopers LLP seeks pre-approval by the Audit Committee of all audit and permissible non-audit services by providing a description of the services to be performed and specific fee estimates for each such service. One-hundred percent (100%) of the Audit-Related Fees and Tax Fees billed by PricewaterhouseCoopers during fiscal year 2010 and fiscal year 2009 were approved by the Audit Committee pursuant to regulations of the Securities and Exchange Commission.

AUDIT COMMITTEE REPORT

The following is the report of our Audit Committee with respect to our audited financial statements for the fiscal year ended October 3, 2010. This report shall not be deemed soliciting material or to be filed with the Securities and Exchange Commission or subject to Regulation 14A or 14C under the Securities Exchange Act of 1934 or to the liabilities of Section 18 of the Securities Exchange Act of 1934, nor shall any information in this report be incorporated by reference into any past or future filing under the Securities Act of 1933 or the Securities Exchange Act of 1934, except to the extent we specifically request that it be treated as soliciting material or specifically incorporate it by reference into a filing under the Securities Act of 1933 or the Securities Exchange Act of 1934.

Report of the Audit Committee

As members of the Audit Committee, we are responsible for oversight of all aspects of the Company's financial reporting, internal control and audit functions. We carry out those responsibilities in accordance with the guidelines set forth in our Audit Committee Charter, which is available on our website under the Corporate Governance section of the Investors tab at <http://www.microsemi.com>. The Audit Committee is solely responsible for engaging the independent registered public accounting firm on behalf of the Company to provide any audit and non-audit services. We have approved an engagement agreement with PricewaterhouseCoopers LLP, the independent registered public accounting firm. The engagement agreement establishes certain particular services that are required of the independent registered public accounting firm. The engagement agreement further requires the independent registered public accounting firm to inform the Audit Committee of each particular other service they will render, and in each instance these other particular services are subject to prior review and approval of the Audit Committee. We have not delegated, and will not delegate, this responsibility to the Company's management.

Management is responsible for the financial reporting process, the preparation of consolidated financial statements in accordance with accounting principles generally accepted in the United States of America, and the system of internal controls and procedures designed to ensure compliance with accounting standards and applicable laws and regulations. The independent registered public accounting firm is responsible for auditing the Company's financial statements. Our responsibility is to monitor and review these processes and procedures. We are not professionally engaged in the practice of accounting or auditing. We rely, without independent verification, on the information provided to us and on the representations made by management and the independent auditors that the financial statements have been prepared in conformity with accounting principles generally accepted in the United States of America.

During fiscal year 2010, we met and held discussions with management and the independent registered public accounting firm, PricewaterhouseCoopers LLP. The meetings were conducted so as to encourage communication among the members of the Audit Committee, management and the independent registered public accounting firm. We have reviewed and discussed the audited financial statements and systems of internal controls and procedures with management. We have also discussed with the independent registered public accounting firm the matters required to be discussed by Statement on Auditing Standards No. 61, as amended. We have received the written disclosures and the letter from the independent registered public accounting firm required by applicable requirements of the Public Company Accounting Oversight Board regarding the independent accountant's communications with the audit committee concerning independence, and have discussed with the independent accountant the independent accountant's independence. Based on the review and discussions of the foregoing, we recommended to the Board of Directors that the audited financial statements be included in the Company's Annual Report on Form 10-K for fiscal year 2010 for filing with the Securities and Exchange Commission.

AUDIT COMMITTEE
Thomas R. Anderson (Chairman)
William E. Bendush
Dennis R. Leibel

PROPOSAL 2

RATIFICATION OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

PricewaterhouseCoopers LLP has served as our independent registered public accounting firm since 1983. The Audit Committee has appointed PricewaterhouseCoopers LLP to serve as our independent registered public accounting firm for our 2011 fiscal year and year end. We are not required to submit the appointment of PricewaterhouseCoopers LLP for stockholder approval, but our Board of Directors has elected to seek ratification of the appointment of our independent registered public accounting firm by our stockholders. If our stockholders do not ratify this appointment, the Audit Committee will reconsider its appointment of PricewaterhouseCoopers LLP and will either continue to retain this firm or appoint a new independent registered public accounting firm.

Before making its decision to appoint PricewaterhouseCoopers LLP, the Audit Committee carefully considered the firm's qualifications as our independent registered public accounting firm, which included a review of its overall performance last year, as well as its reputation for integrity and competence in the fields of accounting and auditing. The Audit Committee expressed satisfaction with PricewaterhouseCoopers LLP in all these respects.

Representatives of PricewaterhouseCoopers LLP are expected to be present at the Annual Meeting of Stockholders, will have the opportunity to make a statement, if they desire to do so, and will be available to respond to appropriate questions.

Vote Required and Recommendation of the Board of Directors

The affirmative vote of the holders of a majority of the shares present in person or represented by proxy at the Annual Meeting of Stockholders and entitled to vote on the matter is required for ratification of the appointment of PricewaterhouseCoopers LLP as our independent registered public accounting firm for our fiscal year 2011. For purposes of this proposal, abstentions will have the same effect as a vote against the proposal.

THE BOARD OF DIRECTORS RECOMMENDS THAT STOCKHOLDERS VOTE *FOR* PROPOSAL 2 TO RATIFY THE APPOINTMENT OF PRICEWATERHOUSECOOPERS LLP AS OUR INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM FOR FISCAL YEAR 2011.

TRANSACTIONS WITH RELATED PERSONS

Certain Transactions with Related Persons

There were no transactions during fiscal year 2010, nor are there any currently-proposed transactions, where we were, are or will be a participant, the aggregate amount involved exceeds \$120,000 and a related person, as defined by applicable rules of the Securities and Exchange Commission, has or will have a direct or indirect material interest.

Policies and Procedures for Approval of Related Person Transactions

A request for our permission regarding any real or apparent conflict of interest may be granted in our sole discretion on a case-by-case basis on terms and subject to any conditions determined in our sole discretion. Before any director, officer or employee makes any investment, accepts any position or benefits, or participates in any transaction or business arrangement that creates or appears to create a conflict of interest, such person must obtain our written approval, in each specific instance. Directors and officers can request approval from our Board of Directors, the Governance and Nominating Committee, the Audit Committee or any duly authorized Board committee, and all other part-time or full-time employees can request approval in writing from the Senior Vice President of Human Resources.

DELIVERY OF DOCUMENTS TO STOCKHOLDERS SHARING AN ADDRESS

In accordance with the rules of the Securities and Exchange Commission, we are delivering only one proxy statement and annual report to multiple stockholders that share the same address unless we have received contrary instructions from one or more of such stockholders. Upon oral or written request, we will deliver promptly a separate copy of this proxy statement or the annual report to a stockholder at a shared address to which a single copy of this proxy statement or the annual report was delivered. If you are a stockholder at a shared address to which we delivered a single copy of this proxy statement or the annual report and you desire to receive a separate copy of this proxy statement or the annual report, or if you desire to notify us that you wish to receive a separate proxy statement or annual report in the future, or if you are a stockholder at a shared address to which we delivered multiple copies of this proxy statement or the annual report and you desire to receive one copy in the future, please submit your request by mail or telephone to Investor Relations, Microsemi Corporation, 2381 Morse Avenue, Irvine, California 92614, (949) 221-7100.

If a broker, bank, trustee or other nominee holds your Microsemi shares, please contact your broker, bank, trustee or other nominee directly if you have questions, require additional copies of this proxy statement or the annual report, or wish to receive multiple reports by revoking your consent to householding.

ANNUAL REPORT

Our 2010 Annual Report on Form 10-K has been mailed to stockholders concurrently with the mailing of this proxy statement. We will provide, without charge, a copy of our 2010 Annual Report on Form 10-K for the year ended October 3, 2010 (including the financial statements but excluding the exhibits thereto) upon the written request of any stockholder or beneficial owner of our common stock. Requests should be directed to the following address:

**Secretary
Microsemi Corporation
2381 Morse Avenue
Irvine, California 92614**

OTHER MATTERS

Our Board of Directors is not aware of any matter, other than the matters set forth herein, which will be presented for action at the Annual Meeting of Stockholders. Should any other matter requiring a vote of the stockholders arise, it is intended that the persons named in the enclosed proxy will have discretionary authority to vote all proxies received on such other matters in accordance with the interests of the Company, in the discretion of the person or persons voting the proxies or consistent with any instructions given to such persons by our Board of Directors, in its discretion. In addition, the enclosed proxy is intended to include discretionary authority to vote for approval of minutes of the prior meeting without ratifying the actions taken at such meeting, the disposition of any matters incident to the conduct of the Annual Meeting of Stockholders, including but not limited to any adjournments or postponements, and, if a bona fide director nominee named herein is unable to serve or for good cause will not serve on the Board, for the election of any other person who may be nominated.

All stockholders are urged to complete, sign, date and promptly return the enclosed proxy card.

By Order of the Board of Directors,

/s/ JOHN W. HOHENER

John W. Hohener, Secretary

Irvine, California
December 3, 2010

