

VICOR CORP  
Form 10-Q  
July 30, 2013  
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**UNITED STATES**  
**SECURITIES AND EXCHANGE COMMISSION**

Washington, DC 20549

**FORM 10-Q**

þ **QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

For the quarterly period ended June 30, 2013

.. **TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

For the transition period from \_\_\_\_\_

Commission File Number 0-18277

**VICOR CORPORATION**

(Exact name of registrant as specified in its charter)

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**Delaware** **04-2742817**  
(State of Incorporation) (I.R.S. Employer Identification No.)  
**25 Frontage Road, Andover, Massachusetts 01810**

(Address of Principal Executive Office)

**(978) 470-2900**

(Registrant's telephone number)

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes  No

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files.) Yes  No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer," and "smaller reporting company" in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer  Accelerated filer

Non-accelerated filer  (Do not check if a smaller reporting company) Smaller reporting company

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes  No

The number of shares outstanding of each of the issuer's classes of Common Stock as of **June 30, 2013** was:

|                                       |            |
|---------------------------------------|------------|
| Common Stock, \$.01 par value         | 26,770,689 |
| Class B Common Stock, \$.01 par value | 11,767,052 |

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## VICOR CORPORATION

## Condensed Consolidated Balance Sheets

(In thousands)

(Unaudited)

**Item 1 Financial Statements**

|  | June 30, 2013 | December 31, 2012 |
|--|---------------|-------------------|
| <b>Assets</b>  |               |                   |
| Current assets:  |               |                   |
| Cash and cash equivalents  | \$ 60,778     | \$ 84,554         |
| Accounts receivable, less allowance of \$505 in 2013 and \$292 in 2012 | 23,497        | 27,165            |
| Inventories, net   | 28,668        | 29,955            |
| Deferred tax assets  | 1,800         | 1,776             |
| Other current assets   | 5,036         | 2,613             |
| Total current assets   | 119,779       | 146,063           |
| Long-term investments, net   | 6,438         | 6,736             |
| Property, plant and equipment, net                                     | 41,546        | 44,092            |
| Long-term deferred tax assets, net                                     | 7,538         | 3,523             |
| Other assets   | 1,967         | 2,167             |
|  | \$ 177,268    | \$ 202,581        |
| <b>Liabilities and Equity</b>  |               |                   |
| Current liabilities:   |               |                   |
| Accounts payable   | \$ 6,300      | \$ 6,812          |
| Accrued compensation and benefits                                      | 8,170         | 7,400             |
| Accrued expenses   | 2,097         | 2,233             |
| Accrued severance charges  | 611           |                   |
| Income taxes payable   |               | 336               |
| Deferred revenue   | 897           | 784               |
| Total current liabilities  | 18,075        | 17,565            |
| Long-term deferred revenue   | 1,261         | 1,549             |
| Long-term income taxes payable   | 1,515         | 1,494             |
| Commitments and contingencies (Note 12)                                |               |                   |
| Equity:  |               |                   |
| Vicor Corporation stockholders' equity:                                |               |                   |
| Class B Common Stock   | 118           | 118               |
| Common Stock   | 391           | 390               |
| Additional paid-in capital   | 168,915       | 167,498           |
| Retained earnings  | 122,679       | 132,285           |
| Accumulated other comprehensive loss                                   | (355)         | (112)             |
| Treasury stock, at cost  | (138,927)     | (121,827)         |
| Total Vicor Corporation stockholders' equity                           | 152,821       | 178,352           |
| Noncontrolling interest  | 3,596         | 3,621             |
| Total equity   | 156,417       | 181,973           |

|            |            |
|------------|------------|
| \$ 177,268 | \$ 202,581 |
|------------|------------|

See accompanying notes.

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## VICOR CORPORATION

## Condensed Consolidated Statements of Operations

(In thousands, except per share amounts)

(Unaudited)

|   | Three Months Ended<br>June 30, |           | Six Months Ended<br>June 30, |            |
|---|--------------------------------|-----------|------------------------------|------------|
|   | 2013                           | 2012      | 2013                         | 2012       |
| Net revenues  | \$ 46,865                      | \$ 55,467 | \$ 88,811                    | \$ 115,135 |
| Cost of revenues  | 28,404                         | 31,361    | 53,743                       | 66,562     |
| Gross margin  | 18,461                         | 24,106    | 35,068                       | 48,573     |
| Operating expenses:   |                                |           |                              |            |
| Selling, general and administrative   | 15,455                         | 13,665    | 29,342                       | 27,825     |
| Research and development  | 9,988                          | 9,732     | 19,843                       | 19,575     |
| Severance charges   |                                |           | 1,361                        |            |
| Total operating expenses  | 25,443                         | 23,397    | 50,546                       | 47,400     |
| Income (loss) from operations   | (6,982)                        | 709       | (15,478)                     | 1,173      |
| Other income (expense), net:  |                                |           |                              |            |
| Total unrealized gains on available-for-sale securities, net of unrealized losses     | (14)                           | 6         | 38                           | 230        |
| Portion of losses recognized in other comprehensive income (loss)                     | (66)                           | (5)       | (117)                        | (226)      |
| Net credit (losses) gains recognized in earnings                                      | (80)                           | 1         | (79)                         | 4          |
| Other income, net:  | 26                             | 81        | 40                           | 131        |
| Total other income (loss), net  | (54)                           | 82        | (39)                         | 135        |
| Income (loss) before income taxes   | (7,036)                        | 791       | (15,517)                     | 1,308      |
| (Benefit) provision for income taxes  | (2,436)                        | 547       | (5,931)                      | 723        |
| Consolidated net income (loss)  | (4,600)                        | 244       | (9,586)                      | 585        |
| Less: Net income attributable to noncontrolling interest                              | 16                             | 24        | 20                           | 39         |
| Net income (loss) attributable to Vicor Corporation                                   | \$ (4,616)                     | \$ 220    | \$ (9,606)                   | \$ 546     |
| Net income (loss) per common share attributable to<br>Vicor Corporation:              |                                |           |                              |            |
| Basic   | \$ (0.12)                      | \$ 0.01   | \$ (0.24)                    | \$ 0.01    |
| Diluted   | \$ (0.12)                      | \$ 0.01   | \$ (0.24)                    | \$ 0.01    |
| Shares used to compute net income (loss) per share attributable to Vicor Corporation: |                                |           |                              |            |
| Basic   | 38,538                         | 41,811    | 39,852                       | 41,811     |
| Diluted   | 38,538                         | 41,812    | 39,852                       | 41,819     |
| Cash dividends per share  | \$                             | \$        | \$                           | \$ 0.15    |

See accompanying notes.

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## VICOR CORPORATION

## Condensed Consolidated Statements of Comprehensive Income (Loss)

(In thousands)

(Unaudited)

|  | Three Months Ended |        | Six Months Ended |        |
|--|--------------------|--------|------------------|--------|
|  | June 30,           |        | June 30,         |        |
|  | 2013               | 2012   | 2013             | 2012   |
| Consolidated net income (loss)                                   | \$ (4,600)         | \$ 244 | \$ (9,586)       | \$ 585 |
| Foreign currency translation losses (net of tax benefit) (1)     | (135)              | 121    | (403)            | (113)  |
| Unrealized gains on available-for-sale securities (2)            | 64                 | 5      | 115              | 226    |
| Consolidated comprehensive income (loss)                         | (4,671)            | 370    | (9,874)          | 698    |
| Less: Comprehensive loss attributable to noncontrolling interest | (1)                | 38     | (25)             | 27     |
| Comprehensive income (loss) attributable to Vicor Corporation    | \$ (4,670)         | \$ 332 | \$ (9,849)       | \$ 671 |

- (1) Net of tax benefit (expense) of \$76 and \$(71) for the three months ended June 30, 2013 and 2012, respectively. Net of tax benefit of \$217 and \$74 for the six months ended June 30, 2013 and 2012, respectively.
- (2) The deferred tax assets associated with the unrealized gains on available-for-sale securities are completely offset by a tax valuation allowance as of June 30, 2013 and 2012. Therefore, there is no net income tax provision (benefit) recognized for the three and six months ended June 30, 2013 and 2012.

See accompanying notes.

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## VICOR CORPORATION

## Condensed Consolidated Statements of Cash Flows

(In thousands)

(Unaudited)

|   | Six Months Ended June 30, |                  |
|---|---------------------------|------------------|
|   | 2013                      | 2012             |
| <b>Operating activities:</b>  |                           |                  |
| Consolidated net income (loss)  | \$ (9,586)                | \$ 585           |
| Adjustments to reconcile consolidated net income (loss) to net cash provided by operating activities: |                           |                  |
| Depreciation and amortization   | 5,028                     | 5,244            |
| Deferred income taxes   | (4,307)                   | (222)            |
| Severance charges   | 1,361                     |                  |
| Stock-based compensation expense  | 1,402                     | 670              |
| Decrease in long-term deferred revenue  | (71)                      | (72)             |
| Excess tax benefit of stock-based compensation  | (53)                      | (52)             |
| Gain on disposal of equipment   | (3)                       | (33)             |
| Credit loss (gain) on available-for-sale securities   | 79                        | (4)              |
| Increase (decrease) in long-term income taxes payable   | 21                        | (18)             |
| Change in current assets and liabilities, net   | 1,913                     | 6,790            |
| <b>Net cash (used for) provided by operating activities</b>   | <b>(4,216)</b>            | <b>12,888</b>    |
| <b>Investing activities:</b>  |                           |                  |
| Additions to property, plant and equipment  | (2,543)                   | (2,785)          |
| Sales and maturities of investments   | 334                       | 450              |
| Purchases of investments  |                           | (270)            |
| Proceeds from sale of equipment   | 3                         | 33               |
| Decrease in other assets  | 57                        | 11               |
| <b>Net cash used in investing activities</b>  | <b>(2,149)</b>            | <b>(2,561)</b>   |
| <b>Financing activities:</b>  |                           |                  |
| Purchases of Common Stock   | (17,100)                  |                  |
| Excess tax benefit of stock-based compensation  | 53                        | 52               |
| Proceeds from issuance of Common Stock  | 55                        | 8                |
| <b>Net cash (used for) provided by financing activities</b>   | <b>(16,992)</b>           | <b>60</b>        |
| Effect of foreign exchange rates on cash  | (419)                     | (51)             |
| <b>Net (decrease) increase in cash and cash equivalents</b>   | <b>(23,776)</b>           | <b>10,336</b>    |
| Cash and cash equivalents at beginning of period  | 84,554                    | 71,908           |
| <b>Cash and cash equivalents at end of period</b>   | <b>\$ 60,778</b>          | <b>\$ 82,244</b> |

See accompanying notes.

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VICOR CORPORATION

Notes to Condensed Consolidated Financial Statements

June 30, 2013

(unaudited)

1. Basis of Presentation

The accompanying unaudited condensed consolidated financial statements of Vicor Corporation (the Company) have been prepared in accordance with generally accepted accounting principles for interim financial information and pursuant to the rules and regulations of the Securities and Exchange Commission. Accordingly, these interim financial statements do not include all of the information and footnotes required by generally accepted accounting principles for complete financial statements.

In the opinion of management, all adjustments (consisting of normal recurring adjustments) considered necessary for a fair presentation have been included. Operating results for the three and six months ended June 30, 2013, are not necessarily indicative of the results that may be expected for any other interim period or the year ending December 31, 2013. The balance sheet at December 31, 2012, presented herein has been derived from the audited financial statements at that date but does not include all of the information and footnotes required by generally accepted accounting principles for complete financial statements. For further information, refer to the consolidated financial statements and notes thereto contained in the Company's Annual Report on Form 10-K for the year ended December 31, 2012, (File No. 0-18277) filed by the Company with the Securities and Exchange Commission.

2. Long-Term Investments

The Company's principal sources of liquidity are its existing balances of cash and cash equivalents, as well as cash generated from operations. Consistent with the Company's investment policy guidelines, the Company can invest, and has historically invested, its cash balances in demand deposit accounts, money market funds, brokered certificates of deposit, and auction rate securities meeting certain quality criteria. All of the Company's investments are subject to credit, liquidity, market, and interest rate risk.

The Company's long-term investments are classified as available-for-sale securities. Available-for-sale securities are carried at fair value, with unrealized gains and losses, net of tax, attributable to credit loss recorded through the statement of operations and unrealized gains and losses, net of tax, attributable to other non-credit factors recorded in Accumulated other comprehensive income (loss), a component of Stockholders Equity. In determining the amount of credit loss, the Company compares the present value of cash flows expected to be collected to the amortized cost basis of the securities, considering credit default risk probabilities and changes in credit ratings as significant inputs, among other factors.

The amortized cost of debt securities is adjusted for amortization of premiums and accretion of discounts to maturity, the net amount of which, along with interest and realized gains and losses, is included in Other income (expense), net in the Condensed Consolidated Statements of Operations. The Company periodically evaluates investments to determine if impairment is required, whether an impairment is other than temporary, and the measurement of an impairment loss. The Company considers a variety of impairment indicators such as, but not limited to, a significant deterioration in the earnings performance, credit rating, or asset quality of the investment.

As of June 30, 2013, the Company held par value of \$6,000,000 of auction rate securities. These auction rate securities consist of collateralized debt obligations, supported by pools of student loans, sponsored by state student loan agencies and corporate student loan servicing firms. The interest rates for these securities are reset at auction at regular intervals of 28 days. The auction rate securities held by the Company traded at par prior to February 2008 and are callable at par at the option of the issuer.

Until February 2008, the auction rate securities market was liquid, as the investment banks conducting the periodic Dutch auctions by which interest rates for the securities had been established had committed their capital to support such auctions in the event of insufficient third-party investor demand. Starting the week of February 11, 2008, a substantial number of auctions failed, as demand from third-party investors weakened and the investment banks conducting the auctions chose not to commit capital to support such auctions (i.e., investment banks chose not to purchase securities themselves in order to balance supply and demand, thereby facilitating a successful auction, as they had done in the past). The consequences of a failed auction are (a) an investor must hold the specific security until the next scheduled auction (unless that investor chooses to sell the security to a third party outside of the auction process) and (b) the interest rate on the security generally resets to an interest rate set forth in each security's indenture.



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## VICOR CORPORATION

## Notes to Condensed Consolidated Financial Statements

June 30, 2013

(unaudited)

As of June 30, 2013, the Company held auction rate securities that had experienced failed auctions totaling \$6,000,000 at par value, all of which had been purchased through and are held by a broker-dealer affiliate of Bank of America, N.A. (the Failed Auction Securities). The Failed Auction Securities held by the Company are Aaa/AA+/A3/BBB rated by major credit rating agencies, collateralized by student loans, and guaranteed by the U.S. Department of Education under the Federal Family Education Loan Program. Management is not aware of any reason to believe any of the issuers of the Failed Auction Securities held by the Company are presently at risk of default. Through June 30, 2013, the Company has continued to receive interest payments on the Failed Auction Securities in accordance with the terms of their respective indentures. Management believes the Company ultimately should be able to liquidate all of its Failed Auction Securities without significant loss primarily due to the overall quality of the issues held and the collateral securing the substantial majority of the underlying obligations. However, current conditions in the auction rate securities market have led management to conclude the recovery period for the Failed Auction Securities exceeds 12 months. As a result, the Company continued to classify the Failed Auction Securities as long-term as of June 30, 2013.

The following is a summary of available-for-sale securities (in thousands):

| June 30, 2013                    | Cost     | Gross<br>Unrealized<br>Gains | Gross<br>Unrealized<br>Losses | Estimated<br>Fair<br>Value |
|----------------------------------|----------|------------------------------|-------------------------------|----------------------------|
| Failed Auction Securities        | \$ 6,000 | \$                           | \$ 1,083                      | \$ 4,917                   |
| Brokered certificates of deposit | 1,280    | 10                           |                               | 1,290                      |
| Certificate of deposit           | 231      |                              |                               | 231                        |
|                                  | \$ 7,511 | \$ 10                        | \$ 1,083                      | \$ 6,438                   |

  

| December 31, 2012                | Cost     | Gross<br>Unrealized<br>Gains | Gross<br>Unrealized<br>Losses | Estimated<br>Fair<br>Value |
|----------------------------------|----------|------------------------------|-------------------------------|----------------------------|
| Failed Auction Securities        | \$ 6,100 | \$                           | \$ 1,121                      | \$ 4,979                   |
| Brokered certificates of deposit | 1,280    | 12                           |                               | 1,292                      |
| Certificates of deposit          | 465      |                              |                               | 465                        |
|                                  | \$ 7,845 | \$ 12                        | \$ 1,121                      | \$ 6,736                   |

All of the Failed Auction Securities as of June 30, 2013, have been in an unrealized loss position for greater than 12 months.

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## VICOR CORPORATION

## Notes to Condensed Consolidated Financial Statements

June 30, 2013

(unaudited)

The amortized cost and estimated fair value of available-for-sale securities on June 30, 2013, by contractual maturities, are shown below (in thousands):

|                              | Cost     | Estimated<br>Fair Value |
|------------------------------|----------|-------------------------|
| Due in one year or less      | \$ 781   | \$ 783                  |
| Due in two to ten years      | 730      | 738                     |
| Due in ten to twenty years   |          |                         |
| Due in twenty to forty years | 6,000    | 4,917                   |
|                              | \$ 7,511 | \$ 6,438                |

Based on the fair value measurements described in Note 3, the fair value of the Failed Auction Securities on June 30, 2013, with a par value of \$6,000,000, was estimated by the Company to be approximately \$4,917,000, an increase in fair value of \$38,000 from December 31, 2012. The gross unrealized loss of \$1,083,000 on the Failed Auction Securities consists of two types of estimated loss: an aggregate credit loss of \$396,000 and an aggregate temporary impairment of \$687,000. For the six months ended June 30, 2013, the aggregate credit loss on the Failed Auction Securities increased by a net amount of \$79,000, which was recorded in Net credit (losses) gains recognized in earnings in the Condensed Consolidated Statement of Operations. In determining the amount of credit loss, the Company compared the present value of cash flows expected to be collected to the amortized cost basis of the securities, considering credit default risk probabilities and changes in credit ratings as significant inputs, among other factors (See Note 3).

The following table represents a roll forward of the activity related to the credit loss recognized in earnings on available-for-sale auction rate securities held by the Company for the six months ended June 30 (in thousands):

|   | 2013   | 2012   |
|---|--------|--------|
| Balance at the beginning of the period  | \$ 317 | \$ 308 |
| Additions for the amount related to credit loss for which other-than-temporary impairment was not previously recognized | 86     |        |
| Reduction for security sold during the period   | (7)    |        |
| Subsequent loss recovery  |        | (4)    |
| Balance at the end of the period  | \$ 396 | \$ 304 |

At this time, the Company has no intent to sell any of the impaired Failed Auction Securities and does not believe it is more likely than not the Company will be required to sell any of these securities. If current market conditions deteriorate further, the Company may be required to record additional unrealized losses. If the credit rating of the security deteriorates, the Company may be required to adjust the carrying value of these investments through impairment charges recorded in the Condensed Consolidated Statement of Operations, and any such impairment adjustments may be material.

Based on the Company's ability to access cash and cash equivalents and its expected operating cash flows, management does not anticipate the current lack of liquidity associated with the Failed Auction Securities held will affect the Company's ability to execute its current operating plan.



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## VICOR CORPORATION

## Notes to Condensed Consolidated Financial Statements

June 30, 2013

(unaudited)

**3. Fair Value Measurements**

The Company accounts for certain financial assets at fair value, defined as the price that would be received to sell an asset or paid to transfer a liability (i.e., an exit price) in the principal or most advantageous market for the asset or liability in an orderly transaction between market participants on the measurement date. As such, fair value is a market-based measurement that should be determined based on assumptions market participants would use in pricing an asset or liability. A three-level hierarchy is used to show the extent and level of judgment used to estimate fair value measurements.

Assets measured at fair value on a recurring basis include the following as of June 30, 2013 (in thousands):

|                                  | Quoted Prices<br>in Active<br>Markets<br>(Level 1) | Using<br>Significant<br>Other<br>Observable<br>Inputs<br>(Level 2) | Significant<br>Unobservable<br>Inputs<br>(Level 3) | Total Fair<br>Value as of<br>June 30, 2013 |
|----------------------------------|--|--|--|--|
| <b>Cash Equivalents:</b>         |  |  |  |  |
| Money market funds               | \$ 12,674  | \$   | \$   | \$ 12,674                                  |
| <b>Long-term investments:</b>    |  |  |  |  |
| Failed Auction Securities        |  |  | 4,917  | 4,917                                      |
| Brokered certificates of deposit |  | 1,290  |  | 1,290                                      |
| Certificate of deposit           | 231  |  |  | 231  |

The Company has brokered certificates of deposit classified as Level 2 because the fair value for these investments has been determined utilizing observable inputs from non-active markets. The fair values fluctuate with changes in market interest rates obtained from information available in publicly quoted markets. Management tested the reported fair values by comparing them to net present value calculations utilizing a discount rate based on U.S. Treasury bill and bond yields for similar maturities.

As of June 30, 2013, there was insufficient observable auction rate security market information available to determine the fair value of the Failed Auction Securities using Level 1 or Level 2 inputs. As such, the Company's investments in Failed Auction Securities were deemed to require valuation using Level 3 inputs. Management, after consulting with advisors, valued the Failed Auction Securities using analyses and pricing models similar to those used by market participants (i.e., buyers, sellers, and the broker-dealers responsible for execution of the Dutch auction pricing mechanism by which each issue's interest rate was set). Management utilized a probability weighted discounted cash flow (DCF) model to determine the estimated fair value of these securities as of June 30, 2013. The major assumptions used in preparing the DCF model included: estimates for the amount and timing of future interest and principal payments based on default probability assumptions used to measure the credit loss of 6.6%; the rate of return required by investors to own these securities in the current environment, which management estimates to be 5.0% above the risk free rate of return; and an estimated timeframe of three to five years for successful auctions for these securities to occur. In making these assumptions, management considered relevant factors including: the formula applicable to each security defining the interest rate paid to investors in the event of a failed auction (the Penalty Rate); forward projections of the interest rate benchmarks specified in such formulas; the likely timing of principal repayments; the probability of full repayment considering the guarantees by the U.S. Department of Education of the underlying student loans, guarantees by other third parties, and additional credit enhancements provided through other means; and publicly available pricing data for recently issued student loan asset-backed securities not subject to auctions. In developing its estimate of the rate of return required by investors to own these securities, management compared the Penalty Rates of the Failed Auction Securities with yields of actively traded long-term bonds with similar characteristics and, reflecting the limited liquidity for auction rate securities and the discounts to par value seen in recent tender offers by issuers and arms length market transactions between informed buyers and sellers, estimated the implied yield (i.e., the discount to par value) necessary to complete a sale of the Failed Auction Securities. Management has calculated an

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increase or decrease in the liquidity risk premium of 5.0% referenced above of 1.0% (i.e., 100 basis points) as used in the model, would decrease or increase, respectively, the fair value of the Failed Auction Securities by approximately \$300,000.

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## VICOR CORPORATION

## Notes to Condensed Consolidated Financial Statements

June 30, 2013

(unaudited)

For purposes of the valuation process for the Failed Auction Securities, management consists of senior members of the Company's finance department. The fair value measurements for the Failed Auction Securities are reviewed and updated on a quarterly basis. The calculations are prepared by the Company's Corporate Controller, in conjunction with information provided by its valuation advisors, and include the development and substantiation of the unobservable inputs. The methodology, assumptions, and calculations are reviewed and approved by the Company's Chief Financial Officer and Chief Accounting Officer.

The significant unobservable inputs used in the fair value measurement of the Company's Failed Auction Securities are the cumulative probability of earning the maximum rate until maturity, the cumulative probability of principal return prior to maturity, the cumulative probability of default, the liquidity risk premium, and the recovery rate in default. Significant increases (decreases) in any of those inputs in isolation would result in changes in fair value measurement. Significant increases (decreases) in the cumulative probability of earning the maximum rate until maturity, the cumulative probability of principal return prior to maturity, and the recovery rate in default would result in a higher (lower) fair value measurement, while increases (decreases) in the cumulative probability of default and the liquidity risk premium would result in a lower (higher) fair value measurement.

Generally, the interrelationships are such that a change in the assumption used for the cumulative probability of principal return prior to maturity is accompanied by a directionally similar change in the assumption used for the cumulative probability of earning the maximum rate until maturity and a directionally opposite change in the assumptions used for the cumulative probability of default and the liquidity risk premium. The recovery rate in default is somewhat independent and based upon the securities' specific underlying assets and published recovery rate indices.

Quantitative information about Level 3 fair value measurements as of June 30, 2013 are as follows (dollars in thousands):

|                           | Fair Value | Valuation Technique  | Unobservable Input  | Range (Weighted Average)    |
|---------------------------|------------|----------------------|---|-----------------------------|
| Failed Auction Securities |            | Discounted cash flow | Cumulative probability of earning the maximum rate until maturity | 0.01% - 0.05%<br>(0.03)%    |
|                           | \$ 4,917   |                      | Cumulative probability of principal return prior to maturity      | 73.19% - 95.27%<br>(84.23)% |
|                           |            |                      | Cumulative probability of default                                 | 4.72% - 26.76%<br>(15.74)%  |
|                           |            |                      | Liquidity risk premium  | 5.00% - 5.00%<br>(5.00)%    |
|                           |            |                      | Recovery rate in default  | 40.00% - 40.00%<br>(40.00)% |



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The following table summarizes the change in the estimated fair values calculated for those assets valued on a recurring basis utilizing Level 3 inputs (i.e., the Failed Auction Securities) for the six months ended June 30, 2013 (in thousands):

|  |                 |
|--|-----------------|
| Balance at the beginning of the period   | \$ 4,979        |
| Redemptions, at par  | (100)           |
| Credit loss on available-for-sale securities included in Other income (expense), net | (79)            |
| Unrealized gain included in Other comprehensive income (loss)                        | 117             |
| <b>Balance at the end of the period</b>  | <b>\$ 4,917</b> |

**4. Stock-Based Compensation**

The Company uses the Black-Scholes option pricing model to calculate the fair value of stock option awards as of their grant date. Stock-based compensation expense for the three and six months ended June 30 was as follows (in thousands):

|                                       | Three Months Ended |               | Six Months Ended |               |
|---------------------------------------|--------------------|---------------|------------------|---------------|
|                                       | June 30,           |               | June 30,         |               |
|                                       | 2013               | 2012          | 2013             | 2012          |
| Cost of revenues                      | \$ 40              | \$ 13         | \$ 44            | \$ 26         |
| Selling, general and administrative   | 998                | 247           | 1,181            | 474           |
| Research and development              | 101                | 92            | 177              | 170           |
| <b>Total stock-based compensation</b> | <b>\$ 1,139</b>    | <b>\$ 352</b> | <b>\$ 1,402</b>  | <b>\$ 670</b> |

On May 17, 2013, the Company commenced an offer (the Exchange Offer) to its employees and directors to exchange certain outstanding options to purchase shares of the Company's common stock granted under the Company's Amended and Restated 2000 Stock Option and Incentive Plan, as amended (the 2000 Plan), on a one-for-one basis, for replacement options to purchase shares of common stock, to be granted under the Company's 2000 Plan (the Option Exchange). All outstanding options under the 2000 Plan granted to employees and directors prior to January 1, 2013, whether or not vested, were eligible for the Option Exchange (Eligible Options). Eligible Options included those options with time-based vesting provisions (Time-Based Eligible Options) and those options with performance-based vesting provisions tied to the achievement of certain quarterly revenue targets by the Company's Brick Business Unit (Performance-Based Eligible Options). Options for the purchase of shares of common stock of the Company's subsidiaries, VI Chip Corporation and Picor Corporation, were not eligible for the Option Exchange.

Pursuant to the Exchange Offer, which expired June 17, 2013 (the Offer Expiration Date), 638 eligible participants tendered, and the Company accepted for exchange, options to purchase an aggregate of 1,531,077 shares of the Company's common stock, representing approximately 91% of Eligible Options. Upon acceptance, the tendered options were cancelled, and the Company granted an equivalent number of new options (the Replacement Options) under the 2000 Plan. All Replacement Options vest over five years, have a 10 year term, and have terms substantially similar to other time-based vesting options awarded under the 2000 Plan. Replacement Options granted in exchange for Time-Based Eligible Options have an exercise price equal to \$6.29 (being 120% of the last reported sale price per share of the Company's common stock on the NASDAQ on the Offer Expiration Date). Replacement Options granted in exchange for Performance-Based Eligible Options have an exercise

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price equal to (i) \$6.29 (being 120% of the last reported sale price per share of the Company's common stock on the NASDAQ on the Offer Expiration Date) with respect to Replacement Options that vest on or prior to the first anniversary of the Offer Expiration Date; (ii) \$7.34 (being 140% of the last reported sale price per share of the Company's common stock on the NASDAQ on the Offer Expiration Date) with respect to Replacement Options that vest after the first anniversary of the Offer Expiration Date but on or prior to the second anniversary of the Offer Expiration Date; (iii) \$8.38 (being 160% of the last reported sale price per share of the Company's common stock on the NASDAQ on the Offer Expiration Date) with respect to Replacement Options that vest after the second anniversary of the Offer Expiration Date but on or prior to the third anniversary of the Offer Expiration Date; (iv) \$9.43 (being

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180% of the last reported sale price per share of the Company's common stock on the NASDAQ on the Offer Expiration Date) with respect to Replacement Options that vest after the third anniversary of the Offer Expiration Date but on or prior to the fourth anniversary of the Offer Expiration Date; and (v) \$10.48 (being 200% of the last reported sale price per share of the Company's common stock on the NASDAQ on the Offer Expiration Date) with respect to Replacement Options that vest after the fourth anniversary of the Offer Expiration Date.

For financial reporting purposes, the exchange of Time-Based Eligible Options for Replacement Options is considered a modification of both the exercise price and the vesting terms of the cancelled options. The accounting for these modifications results in total incremental expense of approximately \$365,000, which, combined with the remaining unrecognized expense from the original grant date value of approximately \$318,000, will be recognized over the associated service period (i.e., the five year vesting period) for each new vesting tranche. Because the Company had not previously recorded stock-based compensation expense for the Performance-Based Eligible Options, as the Company determined it was not probable the Brick Business Unit would meet the revenue targets required to trigger vesting of such options, the exchange of Replacement Options for Performance-Based Eligible Options has been accounted for as the grant of new options as of June 17, 2013, the Offer Expiration Date. As referenced above, because these Replacement Options have five different exercise prices (i.e., an increasing exercise price for each of the five different vesting periods, each with a different term to expiration), the value of such Replacement Options, calculated using the Black-Scholes methodology, was based on the assumption each vesting tranche represented a distinct instrument. The resulting total expense of approximately \$2,300,000 will be recognized over the associated service period for each vesting tranche, as if the grant were, in substance, five grants of distinct instruments with different, sequentially shorter, exercise prices and different terms to expiration.

Under the retirement provisions of the 2000 Plan and the option agreements applicable to the Replacement Options, the Company records all stock-based compensation expense for an option grant by the earlier of (a) the end of the associated service period (i.e. the vesting period) or (b) by age 62.5 of the employee or director to whom the options were awarded. Because of the age of certain recipient employees and directors a number of Replacement Options granted were subject to immediate recognition of the associated total stock-based compensation expense. Accordingly, as a result of the Option Exchange, the Company recorded stock-based compensation expense during the second quarter of 2013 of approximately \$625,000, of which approximately \$450,000 was the result of immediate expense recognition due to the age of the recipient employee or director.

Separate from the Option Exchange, on May 14, 2013, the Company awarded options to purchase, at an exercise price of \$5.35 per share, an aggregate of 150,000 shares of common stock, under the 2000 Plan, to certain officers. In addition, on June 21, 2013, the Company awarded options to purchase, at an exercise price of \$5.67 per share, an aggregate of 70,552 shares of common stock, under the 2000 Plan, to directors as a component of their annual compensation. The total stock-based compensation expense recognized during the second quarter of 2013 for these awards was approximately \$208,000, of which approximately \$190,000 was the result of immediate expense recognition due to the age of the recipient officer or director.

During the third quarter of 2010, the Company granted an aggregate of 1,243,750 Performance-Based Eligible Options. Based on the final results of the Option Exchange, a total of 66,500 of these Performance-Based Eligible Options remain outstanding as of June 30, 2013. Under the accounting rules for performance-based awards, the Company is required to assess, on an ongoing basis, the probability of whether the performance criteria will be achieved. If and when achievement is deemed probable, the Company will begin to recognize the associated compensation expense for the remaining stock options over the relevant performance period. As of June 30, 2013, the Company determined it was not probable the revenue targets could be achieved and, accordingly, has not recorded any compensation expense relating to these options since the grant date. The unrecognized compensation expense of these performance-based options was approximately \$417,000 as of June 30, 2013.

On December 31, 2010, the Company granted 2,984,250 non-qualified stock options under the VI Chip 2007 Stock Option and Incentive Plan with performance-based vesting provisions tied to achievement of certain margin targets by the VI Chip subsidiary. As of December 31, 2010, the Company determined it was probable the margin targets could be achieved and, accordingly, began recording stock-based compensation expense relating to these options beginning January 1, 2011. This determination remains the same as of June 30, 2013 and, accordingly, expense

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has been recorded through that date. The unrecognized compensation expense of these performance-based options was approximately \$813,000 as of June 30, 2013.

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**5. Net Income (Loss) per Share**

The following table sets forth the computation of basic and diluted income (loss) per share for the three and six months ended June 30 (in thousands, except per share amounts):

|   | Three Months Ended<br>June 30, |                | Six Months Ended<br>June 30, |                |
|---|--------------------------------|----------------|------------------------------|----------------|
|   | 2013                           | 2012           | 2013                         | 2012           |
| <b>Numerator:</b>   |                                |                |                              |                |
| Net income (loss) attributable to Vicor Corporation   | \$ (4,616)                     | \$ 220         | \$ (9,606)                   | \$ 546         |
| <b>Denominator:</b>   |                                |                |                              |                |
| Denominator for basic income (loss) per share-weighted average shares (1)                                       | 38,538                         | 41,811         | 39,852                       | 41,811         |
| <b>Effect of dilutive securities:</b>   |                                |                |                              |                |
| Employee stock options (2)  |                                | 1              |                              | 8              |
| <b>Denominator for diluted income (loss) per share adjusted weighted-average shares and assumed conversions</b> | <b>38,538</b>                  | <b>41,812</b>  | <b>39,852</b>                | <b>41,819</b>  |
| Basic income (loss) per share   | \$ (0.12)                      | \$ 0.01        | \$ (0.24)                    | \$ 0.01        |
| <b>Diluted income (loss) per share</b>  | <b>\$ (0.12)</b>               | <b>\$ 0.01</b> | <b>\$ (0.24)</b>             | <b>\$ 0.01</b> |

- (1) Denominator represents weighted average number of Common Shares and Class B Common Shares outstanding.
- (2) Options to purchase 861,958 and 733,120 shares of Common Stock for the three and six months ended June 30, 2013, respectively, were not included in the calculation of net loss per share as the effect would have been antidilutive. Options to purchase 536,173 and 1,682,021 shares of Common Stock for the three and six months ended June 30, 2012, respectively, were not included in the computation of diluted income per share because the options' exercise prices were greater than the average market price of the Common Stock and, therefore, the effect would be antidilutive.

**6. Inventories**

Inventories are valued at the lower of cost (determined using the first-in, first-out method) or net realizable value. Fixed production overhead is allocated to the inventory cost per unit based on the normal capacity of the production facilities. Abnormal production costs, including fixed cost variances from normal production capacity, if any, are charged to cost of revenues in the period incurred. All shipping and handling costs incurred in connection with the sale of products are included in cost of revenues.

The Company provides reserves for inventories estimated to be excess, obsolete or unmarketable. The Company's estimation process for assessing net realizable value is based upon its known backlog, projected future demand and expected market conditions. If the Company's estimated demand and/or market expectation were to change or if product sales were to decline, the Company's estimation process may cause larger inventory reserves to be recorded, resulting in larger charges to cost of revenues.



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Inventories were as follows (in thousands):

|                    | June 30, 2013 | December 31, 2012 |
|--------------------|---------------|-------------------|
| Raw materials      | \$ 26,803     | \$ 28,362         |
| Work-in-process    | 3,210         | 2,707             |
| Finished goods     | 6,378         | 6,535             |
|                    | 36,391        | 37,604            |
| Inventory reserves | (7,723)       | (7,649)           |
| Net balance        | \$ 28,668     | \$ 29,955         |

**7. Other Investments**

The Company's gross investment in non-voting convertible preferred stock of Great Wall Semiconductor Corporation ( GWS ) totaled \$5,000,000 as of June 30, 2013, and December 31, 2012, giving the Company an approximately 27% ownership interest in GWS. GWS and its subsidiary design and sell semiconductors, conduct research and development activities, develop and license patents, and litigate against those who infringe upon its patented technologies. A director of the Company is the founder, Chairman of the Board, President and Chief Executive Officer ( CEO ), as well as the majority voting shareholder, of GWS. The Company and GWS are parties to an intellectual property cross-licensing agreement, a license agreement and two supply agreements under which the Company purchases certain components from GWS. Purchases from GWS totaled approximately \$433,000 and \$638,000 for the six months ended June 30, 2013, and 2012, respectively.

The Company accounts for its investment in GWS under the equity method of accounting. The Company has determined that, while GWS is a variable interest entity, the Company is not the primary beneficiary. The key factors in the Company's assessment were that the CEO of GWS has: (i) the power to direct the activities of GWS that most significantly impact its economic performance, and (ii) has an obligation to absorb losses or the right to receive benefits from GWS, respectively, that could potentially be significant to GWS.

There was no allocation of equity method income (loss) for the six months ended June 30, 2013 and 2012, as GWS incurred a net loss in each period. The balance in the Company's net investment in GWS was zero as of June 30, 2013, and December 31, 2012.

**8. Severance Charges**

In February 2013, the Company initiated and completed workforce reductions. As a result, the Company recorded a pre-tax charge of \$1,361,000 in the first quarter of 2013 for the cost of severance and other employee-related costs involving cash payments based on each employee's respective length of service. These charges were recorded as Severance charges in the Condensed Consolidated Statement of Operations. The related liability is presented as Accrued severance charges in the Condensed Consolidated Balance Sheets.

A summary of the activity related to the severance charges, by segment, for the six months ended June 30, 2013 is as follows (in thousands):

| BBU | VI Chip | Total |
|-----|---------|-------|
|-----|---------|-------|

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|                                 |        |        |        |
|---------------------------------|--------|--------|--------|
| Balance as of December 31, 2012 | \$     | \$     | \$     |
| Charges                         | 1,123  | 238    | 1,361  |
| Payments                        | (201)  | (81)   | (282)  |
| Balance at March 31, 2013       | 922    | 157    | 1,079  |
| Payments                        | (417)  | (51)   | (468)  |
| Balance as of June 30, 2013     | \$ 505 | \$ 106 | \$ 611 |

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**9. Product Warranties**

The Company generally offers a two-year warranty for all of its products. The Company provides for the estimated cost of product warranties at the time product revenue is recognized. Factors that affect the Company's warranty reserves include the number of units sold, historical and anticipated rates of warranty returns, and the cost per return. The Company assesses the adequacy of the warranty reserves and adjusts the amounts as necessary. Warranty obligations are included in Accrued expenses in the accompanying Condensed Consolidated Balance Sheets.

Product warranty activity for the three and six months ended June 30, was as follows (in thousands):

|   | Three Months Ended |        | Six Months Ended |        |
|---|--------------------|--------|------------------|--------|
|   | June 30,           |        | June 30,         |        |
|   | 2013               | 2012   | 2013             | 2012   |
| Balance at the beginning of the period                  | \$ 324             | \$ 554 | \$ 364           | \$ 572 |
| Accruals for warranties for products sold in the period | 72                 | 136    | 101              | 218    |
| Fulfillment of warranty obligations                     | (63)               | (197)  | (110)            | (297)  |
| Revisions of estimated obligations                      | (4)                | (32)   | (26)             | (32)   |
| Balance at the end of the period                        | \$ 329             | \$ 461 | \$ 329           | \$ 461 |

**10. Stockholders' Equity**

On March 18, 2013, the Company announced its intent to commence a tender offer for shares of its Common Stock representing up to \$10,000,000 in aggregate value and commenced this tender offer on March 21, 2013, with an expiration date of April 22, 2013. Based on the final results of the tender offer, as reported on April 26, 2013, the Company accepted for purchase 1,341,575 shares of its Common Stock at a price of \$5.00 per share for a total cost of approximately \$6,708,000.

Under a previous tender offer completed on March 7, 2013, the Company purchased 1,931,513 shares of Common Stock for an aggregate cost of \$10,392,000.

**11. Income Taxes**

The tax provision is based on the estimated annual effective tax rate for the year, which includes estimated federal, state and foreign income taxes (benefit) on the Company's projected annual pre-tax income (loss) and estimated federal and state income taxes for certain noncontrolling interest subsidiaries that are not part of the Company's consolidated income tax returns.

The (benefit) provision for income taxes and the effective income tax rate for the three and six months ended June 30, were as follows (in thousands):

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|                                      | Three Months Ended<br>June 30, |        | Six Months Ended<br>June 30, |        |
|--------------------------------------|--------------------------------|--------|------------------------------|--------|
|                                      | 2013                           | 2012   | 2013                         | 2012   |
| (Benefit) provision for income taxes | \$ (2,436)                     | \$ 547 | \$ (5,931)                   | \$ 723 |
| Effective income tax rate            | (34.6)%                        | 69.2%  | (38.2)%                      | 55.3%  |

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For the three months and six months ended June 30, 2013, a net income tax benefit was recorded primarily due to an increase in net federal deferred tax assets not covered by a valuation allowance, a potential net operating loss carryback for federal income tax purposes and the recognition of a benefit from the federal research tax credit for 2012, as a discrete item in the first quarter of 2013. The federal research tax credit for 2012 and 2013 was extended on January 2, 2013 pursuant to the American Taxpayer Relief Act of 2012. The Company recorded a provision for income taxes for the three months and six months ended June 30, 2012 based on the Company's projecting annual pre-tax income at that time. The effective income tax rates for the three and six months ended June 30, 2012 were higher than statutory tax rates due to higher state tax expense from separate company calculations based off expected taxable income from Vicor-only operations that could not be offset by operating losses in other business segments, and the inability to generate federal research and development credits as those credits had yet to be extended by the United States Congress for 2012.

As of June 30, 2013, the Company has a valuation allowance of approximately \$12,294,000 primarily against certain state deferred tax assets, for which realization cannot be considered more likely than not at this time. Such deferred tax assets principally relate to tax net operating loss and credit carryforwards in certain state tax jurisdictions for which sufficient taxable income for utilization cannot be projected at this time, which may result in the net operating losses or credits or both potentially expiring without being utilized due to shorter carryforward periods. Management assesses the need for the valuation allowance on a quarterly basis. In assessing the need for a valuation allowance, the Company considers all positive and negative evidence, including scheduled reversals of deferred tax liabilities, projected future taxable income, tax planning strategies, and income in the carryback period. If and when management determines the valuation allowance should be released, the adjustment would result in a tax benefit in the Consolidated Statements of Operations and may include a portion to be accounted for through

Additional paid-in capital, a component of Stockholders' Equity. The amount of the tax benefit to be recorded in a particular quarter could be material. Management believes it is more likely than not the Company's net federal deferred tax assets of approximately \$9,338,000 as of June 30, 2013 will be realized, based upon its assessment of all available evidence, both positive and negative.

**12. Commitments and Contingencies**

At June 30, 2013, the Company had approximately \$964,000 of capital expenditure commitments.

On January 28, 2011, SynQor, Inc. (SynQor) filed a complaint for patent infringement against Ericsson, Inc. (Ericsson), Cisco Systems, Inc. (Cisco) and the Company in U.S. District Court for the Eastern District of Texas (the Texas Action). This immediately followed a complaint filed by the Company on January 26, 2011, in U.S. District Court for the District of Massachusetts, in which the Company sought a declaratory judgment that its bus converter products do not infringe any valid claim of certain of SynQor's U.S. patents, and that the claims of those patents are invalid. With respect to the Company, SynQor's complaint alleges the Company's products, including, but not limited to, unregulated bus converters used in intermediate bus architecture power supply systems, infringe certain SynQor patents. SynQor seeks, among other items, an injunction against further infringement and an award of unspecified compensatory and enhanced damages, interest, costs and attorney fees. On February 8, 2011, SynQor filed a motion for preliminary injunction seeking an order enjoining the Company from manufacturing, using, selling, and offering for sale in the United States and/or importing into the United States certain identified unregulated bus converters, as well as any other bus converters not significantly different from those products. On February 17, 2011, the Company withdrew its Massachusetts action without prejudice to allow the litigation to proceed in Texas. On May 16, 2011, SynQor announced it was withdrawing its motion for preliminary injunction against the Company. On September 16, 2011, the U.S. District Court for the Eastern District of Texas issued an order setting a trial date of July 7, 2014. On September 20, 2011, SynQor filed an amended complaint in the Texas Action. The amended complaint repeated the allegations of patent infringement against the Company contained in SynQor's original complaint, and included additional patent infringement allegations with respect to U.S. Patent No. 8,023,290 (290 patent), which was issued on that day. As with SynQor's original complaint, the amended complaint alleged that the Company's products, including but not limited to the Company's unregulated bus converters used in intermediate bus architecture power supply systems, infringed the asserted patents. On October 4, 2011, the Company filed an answer and counterclaims to SynQor's amended complaint, in which the Company alleges the 290 patent is unenforceable because it was procured through inequitable conduct before the U.S. Patent and Trademark Office and seeks damages against SynQor for SynQor's unfair and deceptive trade practices and tortious interference with prospective economic advantage in connection with SynQor's allegations of patent infringement against the Company. The Company does not believe any of its products,



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including its unregulated bus converters, infringe any valid claim of the asserted SynQor patents, either alone or when used in an intermediate bus architecture implementation. The Company believes SynQor's claims lack merit and, therefore, continues to vigorously defend itself against SynQor's patent infringement allegations.

In addition, the Company is involved in certain other litigation and claims incidental to the conduct of its business. While the outcome of lawsuits and claims against the Company cannot be predicted with certainty, management does not expect any current litigation or claims to have a material adverse impact on the Company's financial position or results of operations.

13. Segment Information

The Company has organized its business segments according to its key product lines. The Brick Business Unit segment ( BBU ) designs, develops, manufactures and markets the Company's modular power converters and configurable products, and also includes the operations of the Company's Westcor division, the six entities comprising Vicor Custom Power, and the BBU operations of Vicor Japan Company, Ltd. ( VJCL ). The VI Chip segment includes VI Chip Corporation, which designs, develops, manufactures and markets the Company's factorized power architecture ( FPA ) products. The VI Chip segment also includes the VI Chip business conducted through VJCL. The Picor segment includes Picor Corporation, which designs, develops, manufactures and markets integrated circuits and related products for use in a variety of power management and power system applications. Picor develops these products to be sold as part of the Company's products or to third parties for separate applications.

The Company's chief operating decision maker evaluates performance and allocates resources based on segment revenues and segment operating income (loss). The operating income (loss) for each segment includes selling, general and administrative and research and development expenses directly attributable to the segment. Certain of the Company's indirect overhead costs, which include corporate selling, general and administrative expenses, are allocated among the segments based upon an estimate of costs associated with each segment. Assets allocated to each segment are based upon specific identification of such assets, which include accounts receivable, inventories, fixed assets and certain other assets. The Corporate segment consists of those operations and assets shared by all segments. The costs of certain centralized executive and administrative functions are recorded in this segment, as are certain shared assets, most notably cash and cash equivalents, deferred tax assets, long-term investments, the Company's facilities in Massachusetts, real estate and other assets. The Company's accounting policies and method of presentation for segments are consistent with that used throughout the Condensed Consolidated Financial Statements.

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The following table provides significant segment financial data as of and for the three months ended June 30, (in thousands):

|                               | BBU       | VI Chip  | Picor    | Corporate | Eliminations<br>(1) | Total     |
|-------------------------------|-----------|----------|----------|-----------|---------------------|-----------|
| 2013:                         |           |          |          |           |                     |           |
| Net revenues                  | \$ 40,211 | \$ 6,639 | \$ 2,808 | \$        | \$ (2,793)          | \$ 46,865 |
| Income (loss) from operations | 2,441     | (8,349)  | (811)    | (263)     |                     | (6,982)   |
| Total assets                  | 112,117   | 17,667   | 4,790    | 96,795    | (54,101)            | 177,268   |
| Depreciation and amortization | 1,283     | 807      | 111      | 333       |                     | 2,534     |
| 2012:                         |           |          |          |           |                     |           |
| Net revenues                  | \$ 45,822 | \$ 9,520 | \$ 2,401 | \$        | \$ (2,276)          | \$ 55,467 |
| Income (loss) from operations | 8,495     | (7,012)  | (597)    | (177)     |                     | 709       |
| Total assets                  | 86,131    | 21,234   | 6,030    | 129,744   | (34,297)            | 208,842   |
| Depreciation and amortization | 1,243     | 898      | 102      | 369       |                     | 2,612     |

The following table provides significant segment financial data as of and for the six months ended June 30, (in thousands):

|                               | BBU       | VI Chip   | Picor    | Corporate | Eliminations | Total      |
|-------------------------------|-----------|-----------|----------|-----------|--------------|------------|
| 2013:                         |           |           |          |           |              |            |
| Net revenues                  | \$ 78,413 | \$ 10,046 | \$ 4,590 | \$        | \$ (4,238)   | \$ 88,811  |
| Income (loss) from operations | 4,590     | (17,587)  | (2,015)  | (466)     |              | (15,478)   |
| Total assets                  | 112,117   | 17,667    | 4,790    | 96,795    | (54,101)     | 177,268    |
| Depreciation and amortization | 2,477     | 1,708     | 219      | 624       |              | 5,028      |
| 2012:                         |           |           |          |           |              |            |
| Net revenues                  | \$ 90,757 | \$ 23,938 | \$ 5,114 | \$        | \$ (4,674)   | \$ 115,135 |
| Income (loss) from operations | 14,458    | (11,804)  | (1,113)  | (368)     |              | 1,173      |
| Total assets                  | 86,131    | 21,234    | 6,030    | 129,744   | (34,297)     | 208,842    |
| Depreciation and amortization | 2,504     | 1,792     | 206      | 742       |              | 5,244      |

- (1) The elimination for net revenues is principally related to inter-segment revenues of Picor to BBU and VI Chip and for inter-segment revenues of VI Chip to BBU. The elimination for total assets is principally related to inter-segment accounts receivable due to BBU for the funding of VI Chip and Picor operations.

#### 14. Impact of Recently Issued Accounting Standards

Effective January 1, 2013, the Company adopted new accounting guidance related to disclosures about offsetting assets and liabilities. The new accounting guidance amends ASC 210, Balance Sheet, to converge the presentation of offsetting assets and liabilities between U.S. Generally Accepted Accounting Principles ( U.S. GAAP ) and International Financial Reporting Standards ( IFRS ) and requires entities disclose both gross information and new information about both instruments and transactions eligible for offset in the statement of financial position and instruments and transactions subject to an agreement similar to a master netting arrangement. The adoption of this new guidance did not impact the Company's financial position or results of operations.



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Effective January 1, 2013, the Company adopted new accounting guidance for the reporting of amounts reclassified out of accumulated other comprehensive income. This guidance requires an entity to report the effect of significant reclassifications out of accumulated other comprehensive income on the respective line items in net income if the amount being reclassified is required under U.S. GAAP to be reclassified in its entirety to net income. For other amounts that are not required under U.S. GAAP to be reclassified in their entirety to net income in the same reporting period, an entity is required to cross-reference other disclosures required under U.S. GAAP that provide additional detail about those amounts. The adoption of this new guidance did not materially impact the Company's financial position or results of operations.

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VICOR CORPORATION

Management's Discussion and Analysis of  
Financial Condition and Results of Operation

June 30, 2013

**Item 2 Management's Discussion and Analysis of Financial Condition and Results of Operations**

Except for historical information contained herein, some matters discussed in this report constitute forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. The words believes, expects, anticipates, intend, estimate, plans, assumes, may, will, would, should, continue, prospective, expressions identify forward-looking statements. Forward-looking statements also include statements regarding the transition of the Company's business strategically and organizationally from serving a highly diversified customer base to serving an increasing number of large customers; the level of customer orders overall and, in particular, from large customers and the delivery lead times associated therewith; the financial and operational impact of customer changes to shipping schedules; the derivation of a portion of the Company's sales in each quarter from orders booked in the same quarter; the Company's ongoing development of power conversion architectures, switching topologies, packaging technologies, and products; the Company's plans to invest in expanded manufacturing, capacity, and the timing thereof; the Company's belief regarding currency risk being mitigated because of limited foreign exchange fluctuation exposure; the Company's continued success depending in part on its ability to attract and retain qualified personnel; the Company's belief that cash generated from operations and the total of its cash and cash equivalents will be sufficient to fund operations for the foreseeable future; the Company's intentions regarding the declaration and payment of cash dividends; the Company's intentions regarding protecting its rights under its patents; and the Company's expectation that no current litigation or claims will have a material adverse impact on its financial position or results of operations. These statements are based upon the Company's current expectations and estimates as to the prospective events and circumstances which may or may not be within the Company's control and as to which there can be no assurance. Actual results could differ materially from those implied by forward-looking statements as a result of various factors, including the Company's ability to: hire and retain key personnel; develop and market new products and technologies cost effectively, and on a timely basis leverage the Company's new technologies in standard products to promote market acceptance of the Company's new approach to power system architecture; leverage design wins into increased product sales; continue to meet requirements of key customers and prospects; enter into licensing agreements increasing the Company's market opportunity and accelerating market penetration; realize significant royalties under such licensing agreements; achieve sustainable bookings rates for the Company's products across both markets and geographies; improve manufacturing and operating efficiencies; successfully enforce the Company's intellectual property rights; successfully defend outstanding litigation; and maintain an effective system of internal controls over financial reporting, including the Company's ability to obtain required financial information for investments on a timely basis, the Company's ability to assess the value of assets, including illiquid investments, and the accounting therefor. These and other factors that may influence actual results are described in the risk factors set forth in the Company's Annual Report on Form 10-K for the year ended December 31, 2012, under Part I, Item I Business, under Part I, Item 1A Risk Factors, under Part I, Item 3 Legal Proceedings, and under Part II, Item 7 Management's Discussion and Analysis of Financial Condition and Results of Operations. The risk factors contained in the Company's Annual Report on Form 10-K for the year ended December 31, 2012 may not be exhaustive. Therefore, the information contained therein should be read together with other reports and documents that the Company files with the Securities and Exchange Commission from time to time, including Forms 10-Q, 8-K and 10-K, which may supplement, modify, supersede or update those risk factors. The Company does not undertake any obligation to update any forward-looking statements as a result of future events or developments.

**Overview**

Vicor Corporation designs, develops, manufactures and markets modular power components and complete power systems. The Company sells its products primarily to customers in the higher-performance, higher-power segments of the power systems market, including aerospace and defense electronics, enterprise and high performance computing, industrial equipment and automation, telecommunications and network infrastructure, and vehicles and transportation.

The Company has organized its business segments according to its key product lines. The Brick Business Unit segment ( BBU ) designs, develops, manufactures and markets the Company's modular power converters and configurable products, and also includes the operations of the Company's Westcor division, the six entities comprising Vicor Custom Power, and the BBU operations of Vicor Japan Company, Ltd. ( VJCL ). The VI Chip segment includes VI Chip Corporation, which designs, develops, manufactures and markets the Company's factorized power architecture ( FPA ) products. The VI Chip segment also includes the VI Chip business conducted through VJCL. Picor Corporation designs, develops, manufactures and markets integrated circuits and related products for use in a variety of power management and power system applications. Picor develops these products to be sold as part of the Company's products or to third parties for separate applications.



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The Company's bookings, revenues, and operating results in 2013 have been negatively impacted by general economic conditions. Some of the markets in which the Company has historically focused remain in a weakened state. In particular, expenditures in the defense electronics sector have declined from historical levels as a result of governmental budget constraints and the Company has been impacted by the continued recession in Europe. In addition, VI Chip and Picor continue to be dependent on a limited number of customers, and the Company has experienced slower than expected growth from certain new product opportunities.

Revenues for the second quarter of 2013 decreased by 15.5% to \$46,865,000, from \$55,467,000 for the corresponding period in 2012, but increased by 11.7% on a sequential basis from \$41,946,000 for the first quarter of 2013. Export sales as a percentage of total revenues for the three months ended June 30, 2013 and 2012 were approximately 58% and 48%, respectively. Gross margin decreased to \$18,461,000 for the second quarter of 2013 from \$24,106,000 in the second quarter of 2012, but increased on a sequential basis from \$16,607,000 for the first quarter of 2013. Gross margin as a percentage of revenue decreased to 39.4% for the second quarter of 2013 compared to 43.5% for the second quarter of 2012, and decreased on a sequential basis from 39.6% for the first quarter of 2013. Net loss attributable to Vicor Corporation for the second quarter of 2013 was \$(4,616,000), or \$(0.12) per share, compared to net income attributable to Vicor Corporation of \$220,000, or \$0.01 per diluted share, in the second quarter of 2012, and net loss attributable to Vicor Corporation of \$(4,990,000), or \$(0.12) per share, for the first quarter of 2013.

Revenues for the six months ended June 30, 2013 decreased by 22.9% to \$88,811,000, from \$115,135,000 for the corresponding period in 2012. Export sales as a percentage of total revenues for the six months ended June 30, 2013 and 2012 were approximately 56% and 51%, respectively. Gross margin decreased to \$35,068,000 for the six months ended June 30, 2013, from \$48,573,000 for the corresponding period in 2012. Gross margin as a percentage of revenue decreased to 39.5% for the six months ended June 30, 2013 compared to 42.2% for the corresponding period a year ago. During the first quarter of 2013, the Company recorded a pre-tax charge of \$1,361,000 for severance and other employee-related costs for a workforce reduction initiated and completed in February 2013. Net loss attributable to Vicor Corporation for the six months ended June 30, 2013, was \$(9,606,000), or \$(0.24) per share, compared to net income attributable to Vicor Corporation of \$546,000, or \$0.01 per diluted share, for the corresponding period a year ago.

Backlog, representing the total of orders for products for which shipment is scheduled within the next 12 months, was \$51,958,000 at the end of the second quarter of 2013, as compared to \$37,934,000 at the end of the first quarter of 2013.

Operating expenses for the three months ended June 30, 2013 increased \$2,046,000, or 8.7%, to \$25,443,000 from \$23,397,000 for the corresponding period in 2012, primarily due to an increase in selling, general and administrative expenses of \$1,790,000. The primary elements of the increase in selling, general and administrative expenses were compensation expenses of \$1,111,000, bad debt expense of \$234,000, training and professional development of \$177,000, audit, tax, and accounting fees of \$170,000, stockholder reporting expenses of \$138,000, and advertising expenses of \$129,000, partially offset by decreases in commissions expense of \$164,000, legal fees of \$77,000, and travel expenses of \$39,000. Research and development expenses increased by \$256,000. The primary elements of the increase in research and development expenses were compensation expenses of \$208,000, project and pre-production materials of \$205,000, and depreciation and amortization of \$74,000, partially offset by decreases in deferred costs of \$112,000, set-up and tooling expenses of \$84,000, and supplies expense of \$48,000. Included in the increase in compensation expense was an increase in stock-based compensation expense due to the stock option exchange, discussed below.

On May 17, 2013, the Company commenced an offer (the "Exchange Offer") to its employees and directors to exchange certain outstanding options to purchase shares of the Company's common stock granted under the Company's Amended and Restated 2000 Stock Option and Incentive Plan, as amended (the "2000 Plan"), on a one-for-one basis, for replacement options to purchase shares of common stock, to be granted under the Company's 2000 Plan (the "Option Exchange"). Pursuant to the Exchange Offer, which expired on June 17, 2013, 638 eligible participants tendered, and the Company accepted for exchange, options to purchase an aggregate of 1,531,077 shares of the Company's common stock, representing approximately 91% of options eligible for exchange under the offer. As a result of the Option Exchange, the Company recorded additional stock-based compensation expense of approximately \$625,000 during the second quarter of 2013. (See Note 4 to the

Condensed Consolidated Financial Statements for additional details).

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Operating expenses for the six months ended June 30, 2013 increased \$3,146,000, or 6.6%, to \$50,546,000 from \$47,400,000 for the corresponding period in 2012, primarily due to an increase in selling, general and administrative expenses of \$1,517,000 and the charge related to workforce reduction discussed above. The primary elements of the increase in selling, general and administrative expenses were compensation expenses of \$1,277,000, bad debt expense of \$288,000, audit, tax, and accounting fees of \$195,000, advertising expenses of \$191,000, training and professional development of \$171,000, and stockholder reporting expenses of \$157,000, partially offset by decreases in commissions expense of \$453,000, legal fees of \$212,000, outside services expense of \$158,000, and depreciation and amortization of \$96,000. Research and development expenses increased by \$268,000. The primary elements of the increase in research and development expenses were compensation expenses of \$297,000, depreciation and amortization of \$130,000, and project and pre-production materials of \$92,000, partially offset by decreases in set-up and tooling expenses of \$111,000, deferred costs of \$80,000, and travel expenses of \$54,000.

Other income (expense), net for the three months ended June 30, 2013 decreased \$136,000 to \$(54,000) compared to \$82,000 for the corresponding period a year ago. The primary reasons for the decrease were increases in credit losses on available-for-sale securities of \$81,000, decreases in interest income of \$13,000, and increases in foreign currency losses of \$11,000.

Other income (expense), net for the six months ended June 30, 2013 decreased \$174,000 to \$(39,000) compared to \$135,000 for the corresponding period in 2012. The primary reasons for the decrease were increases in credit losses on available-for-sale securities of \$83,000, decreases in gains on disposals of equipment of \$30,000, and interest income of \$28,000, and increases in foreign currency losses of \$11,000.

For the six months ended June 30, 2013, depreciation and amortization totaled \$5,028,000 and capital additions totaled \$2,543,000, compared to \$5,244,000 and \$2,785,000, respectively, for the first six months of 2012.

Inventories decreased by approximately \$1,287,000 or 4.3% to \$28,668,000, compared to \$29,955,000 at December 31, 2012. This decrease was associated with decreases in VI Chip and Picor inventories of \$1,402,000 and \$443,000, respectively, partially offset by an increase in BBU inventories of \$558,000.

**Critical Accounting Policies and Estimates**

Please refer to the Company's Annual Report on Form 10-K for the year ended December 31, 2012, for a complete summary of the critical accounting policies and estimates.

**Three months ended June 30, 2013, compared to three months ended June 30, 2012**

Net revenues for the second quarter of 2013 were \$46,865,000, a decrease of \$8,602,000 or 15.5% as compared to \$55,467,000 for the same period a year ago, and decreased 11.7% on a sequential basis from the first quarter of 2013.

The components of net revenues for the three months ended June 30, were as follows (dollars in thousands):

|         | 2013      | 2012      | Increase (decrease) |         |
|---------|-----------|-----------|---------------------|---------|
|         |           |           | \$                  | %       |
| BBU     | \$ 40,211 | \$ 45,822 | \$ (5,611)          | (12.2)% |
| VI Chip | 6,044     | 9,069     | (3,025)             | (33.4)% |
| Picor   | 610       | 576       | 34                  | 5.9%    |

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|       |           |           |            |         |
|-------|-----------|-----------|------------|---------|
| Total | \$ 46,865 | \$ 55,467 | \$ (8,602) | (15.5)% |
|-------|-----------|-----------|------------|---------|

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The decrease in BBU revenues is primarily attributed to decreases in BBU component revenues of approximately \$4,378,000 and Vicor Custom Power revenues of approximately \$972,000, partially offset by an increase in Westcor revenues of approximately \$510,000. The overall decrease in revenues in the second quarter of 2013 is due to continued weakness in the defense electronics sector, continued recession in Europe and slower than expected growth from certain new product opportunities. In addition, the decrease in VI Chip revenues reflects a dependence on a limited number of customers. Net revenues increased sequentially over the first quarter of 2013 by \$4,919,000, or 11.7%. Sequential increases in overall bookings of 24.0% and 26.1% in the first and second quarters of 2013, respectively, contributed to this sequential increase in revenues.

Gross margin for the second quarter of 2013 decreased \$5,645,000, or 23.4%, to \$18,461,000 from \$24,106,000 in the second quarter of 2012. Gross margin as a percentage of net revenues decreased to 39.4% from 43.5%. The decrease in gross margin and gross margin percentage was primarily attributed to the decrease in net revenues and an increase of approximately \$640,000 to inventory reserves in the second quarter of 2013 for potential excess and obsolete inventory charged against cost of revenues. The decrease in the gross margin percentage was partially offset by a shift in product mix to a higher proportion of higher-margin BBU products.

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Selling, general and administrative expenses were \$15,455,000 for the quarter ended June 30, 2013, an increase of \$1,790,000, or 13.1%, compared to \$13,665,000 for the same period in 2012. Selling, general and administrative expenses as a percentage of net revenues increased to 33.0% from 24.6% for the same period in 2012, primarily due to a decrease in net revenues.

The components of the \$1,790,000 increase in selling, general and administrative expenses were as follows (in thousands):

|                                       | Increase (decrease) |            |
|---------------------------------------|---------------------|------------|
| Compensation                          | \$ 1,111            | 13.6%(1)   |
| Bad debt expense                      | 234                 | 684.2%(2)  |
| Training and professional development | 177                 | 1147.0%(3) |
| Audit, tax, and accounting fees       | 170                 | 138.2%     |
| Stockholder reporting                 | 138                 | 187.6%(4)  |
| Advertising expenses                  | 129                 | 24.1%      |
| Facilities expenses                   | 90                  | 40.6%      |
| Travel expenses                       | (39)                | (5.1)%     |
| Legal fees                            | (77)                | (13.1)%(5) |
| Commissions expense                   | (164)               | (12.2)%(6) |
| Other, net                            | 21                  | 1.1%       |
|                                       | \$ 1,790            | (13.1)%    |

- (1) Increase primarily attributed to annual compensation adjustments in May 2013 and an increase in Vicor stock-based compensation expense related to the Option Exchange and other stock option grants in the second quarter of 2013. See Note 4 to the Condensed Consolidated Financial Statements.
- (2) Increase attributed to an increase in allowance for bad debts.
- (3) Increase primarily attributed to corporate management and sales personnel training.
- (4) Increase primarily attributed to expenses incurred in 2013 in connection with a tender offer for shares of our Common Stock, completed in the second quarter of 2013.
- (5) Decrease attributed to a reduction in legal expenses associated with the patent infringement claim filed against the Company during the first quarter of 2011 by SynQor, Inc. See Note 12 to the Condensed Consolidated Financial Statements.
- (6) Decrease primarily attributed to the decrease in net revenues subject to commissions.

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Research and development expenses were \$9,988,000 for the quarter ended June 30, 2013, an increase of \$256,000, or 2.6%, compared to \$9,732,000 for the same period in 2012. As a percentage of net revenues, research and development increased to 21.3% from 17.5% for the same period in 2012, primarily due to a decrease in net revenues.

The components of the \$256,000 increase in research and development expenses were as follows (in thousands):

|                                      | Increase (decrease) |              |
|--------------------------------------|---------------------|--------------|
| Compensation                         | \$ 208              | 3.1%(1)      |
| Project and pre-production materials | 205                 | 24.9%(2)     |
| Depreciation and amortization        | 74                  | 16.4%        |
| Computer expenses                    | 35                  | 33.1%        |
| Travel expenses                      | (29)                | (39.2)%(3)   |
| Supplies expense                     | (48)                | (20.6)%(3)   |
| Set-up and tooling expenses          | (84)                | (57.8)%(4)   |
| Deferred costs                       | (112)               | (2054.8)%(5) |
| Other, net                           | 7                   | 0.7%         |
|                                      | \$ 256              | 2.6%         |

- (1) Increase primarily attributed to annual compensation adjustments in May 2013.
- (2) Increase attributed to increases in spending by the BBU and VI Chip segments.
- (3) Decrease primarily attributed to a decrease in engineering supplies for new Picor products.
- (4) Decrease primarily attributed to a decrease in tooling charges associated with the development of VI Chip products.
- (5) Decrease primarily attributed to an increase in deferred costs capitalized for certain non-recurring engineering projects for which the related revenues have been deferred.

The significant changes in the components of the Other income (expense), net were as follows (in thousands):

|  | 2013    | 2012  | Increase<br>(decrease) |
|--|---------|-------|------------------------|
| Interest income  | \$ 27   | \$ 40 | \$ (13)                |
| Gain on disposals of equipment                         |         | 9     | (9)                    |
| Foreign currency losses                                | (11)    |       | (11)                   |
| Credit (losses) gains on available-for-sale securities | (80)    | 1     | (81)                   |
| Other, net   | 10      | 32    | (22)                   |
|  | \$ (54) | \$ 82 | \$ (136)               |

The Company's exposure to market risk for fluctuations in foreign currency exchange rates relates primarily to the operations of VJCL. The functional currency of the Company's subsidiaries in Europe and Asia is the U.S. dollar. The decrease in interest income for the period was due

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to lower average balances on the Company's long-term investments as well as a general decrease in interest rates.

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Income (loss) before income taxes was \$(7,036,000) for the second quarter of 2013, compared to \$791,000 for the same period in 2012.

The provision for income taxes and the effective income tax rate were as follows (dollars in thousands):

|                                      | 2013       | 2012   |
|--------------------------------------|------------|--------|
| (Benefit) provision for income taxes | \$ (2,436) | \$ 547 |
| Effective income tax rate            | (34.6)%    | 69.2%  |

For the three months ended June 30, 2013, a net income tax benefit was recorded primarily due to an increase in net federal deferred tax assets not covered by a valuation allowance, a potential net operating loss carryback for federal income tax purposes and the recognition of a benefit from the federal research tax credit for 2013. The federal research tax credit for 2013 was extended on January 2, 2013 pursuant to the American Taxpayer Relief Act of 2012. The Company recorded a provision for income taxes for the three months ended June 30, 2012 based on the Company's projecting annual pre-tax income at that time. The effective income tax rate for the three months ended June 30, 2012 was higher than the statutory tax rate due to higher state tax expense from separate company calculations based off expected taxable income from Vicor-only operations that could not be offset by operating losses in other business segments, and the inability to generate federal research and development credits as those credits had yet to be extended by the United States Congress for 2012.

Net loss per share attributable to Vicor Corporation was \$(0.12) for the second quarter of 2013, compared to basic and diluted income per share of \$0.01 for the second quarter of 2012.

Six months ended June 30, 2013 compared to six months ended June 30, 2012

Net revenues for the six months ended June 30, 2013 were \$88,811,000, a decrease of \$26,324,000 or 22.9%, compared to \$115,135,000 for the same period a year ago.

The components of net revenues for the six months ended June 30, were as follows (dollars in thousands):

|         | 2013      | 2012       | Increase (decrease) |         |
|---------|-----------|------------|---------------------|---------|
|         |           |            | \$                  | %       |
| BBU     | \$ 78,413 | \$ 90,757  | \$ (12,344)         | (13.6)% |
| VI Chip | 9,142     | 22,900     | (13,758)            | (60.1)% |
| Picor   | 1,256     | 1,478      | (222)               | (15.0)% |
| Total   | \$ 88,811 | \$ 115,135 | \$ (26,324)         | (22.9)% |

The decrease in BBU revenues is primarily attributed to decreases in BBU component revenues of approximately \$8,281,000, Vicor Custom Power revenues of approximately \$2,294,000, Vicor Japan revenues of \$1,457,000 and Westcor revenues of approximately \$161,000. The overall decrease in revenues to date in 2013 is due to continued weakness in the defense electronics sector, continued recession in Europe and slower than expected growth from certain new product opportunities. In addition, the decrease in VI Chip and Picor revenues reflects a dependence on a limited number of customers. Overall bookings during the six months ended June 30, 2013 increased by 18.2% compared with the last six months of 2012. This increase was primarily attributed to increases in BBU and VI Chip orders of 8.2% and 106.5%, respectively.

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Gross margin for the first six months of 2013 decreased \$13,505,000, or 27.8%, to \$35,068,000 from \$48,573,000 compared to the same period a year ago. Gross margin as a percentage of net revenues decreased to 39.5% from 42.2%. The decrease in gross margin and gross margin percentage was primarily attributed to the decrease in net revenues, although these decreases were partially offset by a shift in product mix to a higher proportion of higher-margin BBU products.

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Selling, general and administrative expenses were \$29,342,000 for the six months ended June 30, 2013, an increase of \$1,517,000, or 5.5%, compared to \$27,825,000 for the same period in 2012. Selling, general and administrative expenses as a percentage of net revenues increased to 33.0% from 24.2% for the same period in 2012, primarily due to the decrease in net revenues.

The components of the \$1,517,000 increase in selling, general and administrative expenses were as follows (in thousands):

|                                       | Increase (decrease) |            |
|---------------------------------------|---------------------|------------|
| Compensation                          | \$ 1,277            | 7.9%(1)    |
| Bad debt expense                      | 288                 | 422.7%(2)  |
| Audit, tax, and accounting fees       | 195                 | 26.7%      |
| Advertising expenses                  | 191                 | 16.6%      |
| Training and professional development | 171                 | 494.8%(3)  |
| Stockholder reporting                 | 157                 | 167.0%(4)  |
| Telephone expenses                    | 72                  | 13.4%      |
| Depreciation and amortization         | (96)                | (6.6)%     |
| Outside services                      | (158)               | (15.5)%(5) |
| Legal fees                            | (212)               | (18.2)%(6) |
| Commissions expense                   | (453)               | (17.1)%(7) |
| Other, net                            | 85                  | 3.0%       |
|                                       | \$ 1,517            | 5.5%       |

- (1) Increase primarily attributed to annual compensation adjustments in May 2013 and an increase in Vicor stock-based compensation expense related to the Option Exchange and other stock option grants in the second quarter of 2013. See Note 4 to the Condensed Consolidated Financial Statements.
- (2) Increase attributed to an increase in allowance for bad debts.
- (3) Increase primarily attributed to corporate management and sales personnel training.
- (4) Increase primarily attributed to expenses incurred in 2013 in connection with the tender offers for shares of our Common Stock completed in the first and second quarters of 2013.
- (5) Decrease attributed to a reduction in the use of outside consultants by the sales and marketing departments.
- (6) Decrease attributed to a decrease in legal expenses associated with the patent infringement claim filed against the Company during the first quarter of 2011 by SynQor, Inc. See Note 12 to the Condensed Consolidated Financial Statements.
- (7) Decrease primarily attributed to the decrease in net revenues subject to commissions.

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Research and development expenses were \$19,843,000 for the six months ended June 30, 2013, an increase of \$268,000, or 1.4%, compared to \$19,575,000 for the same period in 2012. As a percentage of net revenues, research and development increased to 22.3% from 17.0% for the same period in 2012 primarily due to a decrease in net revenues.

The components of the \$268,000 increase in research and development expenses were as follows (in thousands):

|                                      | Increase (decrease) |             |
|--------------------------------------|---------------------|-------------|
| Compensation                         | \$ 297              | 2.2%(1)     |
| Depreciation and amortization        | 129                 | 14.3%(2)    |
| Project and pre-production materials | 92                  | 4.9%        |
| Supplies expense                     | 65                  | 17.6%       |
| Travel expenses                      | (54)                | (37.8)%     |
| Deferred costs                       | (80)                | (185.2)%(3) |
| Set-up and tooling expenses          | (111)               | (50.6)%(4)  |
| Other, net                           | (70)                | (2.8)%      |
|                                      | <b>\$ 268</b>       | <b>1.4%</b> |

- (1) Increase primarily attributed to annual compensation adjustments in May 2013.
- (2) Increase primarily attributed to additions of engineering equipment over the past several quarters for the BBU and Picor.
- (3) Decrease primarily attributed to an increase in deferred costs capitalized for certain non-recurring engineering projects for which the related revenues have been deferred.
- (4) Decrease primarily attributed to a decrease in tooling charges associated with the development of VI Chip products.

During the first quarter of 2013, the Company recorded a pre-tax charge of \$1,361,000 for the cost of severance and other employee-related costs for a workforce reduction initiated and completed in February 2013.

The significant changes in the components of the Other income (expense), net were as follows (in thousands):

|  | 2013           | 2012          | Increase<br>(decrease) |
|--|----------------|---------------|------------------------|
| Interest income  | \$ 45          | \$ 73         | \$ (28)                |
| Gain on disposals of equipment                         | 3              | 33            | (30)                   |
| Foreign currency losses                                | (38)           | (27)          | (11)                   |
| Credit (losses) gains on available-for-sale securities | (79)           | 4             | (83)                   |
| Other, net   | 30             | 52            | (22)                   |
|  | <b>\$ (39)</b> | <b>\$ 135</b> | <b>\$ (174)</b>        |

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The Company's exposure to market risk for fluctuations in foreign currency exchange rates relates primarily to the operations of VJCL. The functional currency of the Company's subsidiaries in Europe and Asia is the U.S. dollar. The decrease in interest income for the period was due to lower average balances on the Company's long-term investments as well as a general decrease in interest rates.

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Income (loss) before income taxes was \$(15,517,000) for the first six months of 2013 compared to \$1,308,000 for the same period in 2012.

The provision for income taxes and the effective income tax rate were as follows (dollars in thousands):

|                            | 2013       | 2012   |
|----------------------------|------------|--------|
| Provision for income taxes | \$ (5,931) | \$ 723 |
| Effective income tax rate  | (38.2)%    | 55.3%  |

For the three months and six months ended June 30, 2013, a net income tax benefit was recorded primarily due to an increase in net federal deferred tax assets not covered by a valuation allowance, a potential net operating loss carryback for federal income tax purposes and the recognition of a benefit from the federal research tax credit for 2012, as a discrete item in the first quarter of 2013. The federal research tax credit for 2012 and 2013 was extended on January 2, 2013 pursuant to the American Taxpayer Relief Act of 2012. The Company recorded a provision for income taxes for the three months and six months ended June 30, 2012 based on the Company's projecting annual pre-tax income at that time. The effective income tax rate for the six months ended June 30, 2012 was higher than the statutory tax rate due to higher state tax expense from separate company calculations based off expected taxable income from Vicor-only operations that could not be offset by operating losses in other business segments, and the inability to generate federal research and development credits as those credits had yet to be extended by the United States Congress for 2012.

Net loss per share attributable to Vicor Corporation was \$(0.24) for the first six months of 2013, compared to basic and diluted income per share of \$0.01 for the first six months of 2012.

**Liquidity and Capital Resources**

At June 30, 2013, the Company had \$60,778,000 in cash and cash equivalents. The ratio of current assets to current liabilities was 6.6:1 as of June 30, 2013 and 8.3:1 as of December 31, 2012. Working capital decreased \$26,794,000 to \$101,704,000 as of June 30, 2013 from \$128,498,000 as of December 31, 2012.

The primary working capital changes were due to the following (in thousands):

|                                   | Increase<br>(decrease) |
|-----------------------------------|------------------------|
| Cash and cash equivalents         | \$ (23,776)            |
| Accounts receivable               | (3,668)                |
| Inventories, net                  | (1,287)                |
| Other current assets              | 2,423                  |
| Accounts payable                  | 512                    |
| Accrued compensation and benefits | (770)                  |
| Accrued severance                 | (611)                  |
| Accrued expenses                  | 136                    |
| Income taxes payable              | 336                    |
| Deferred revenue                  | (113)                  |
| Other                             | 24                     |

\$ (26,794)

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VICOR CORPORATION

Management's Discussion and Analysis of  
Financial Condition and Results of Operation

June 30, 2013

The primary uses of cash for the six months ended June 30, 2013 was for the purchase of 3,273,088 shares of Common Stock for an aggregate of \$17,100,000 in connection with two tender offers completed on March 7, 2013 and April 22, 2013, respectively, operating activities of \$4,216,000, and the purchase of equipment of \$2,543,000.

As of June 30, 2013, the Company held \$6,000,000 of auction rate securities at par value classified as long-term investments. Please see Note 2 of the Company's Condensed Consolidated Financial Statements for a discussion of the securities and the Company's accounting treatment thereof.

In November 2000, the Board of Directors of the Company authorized the repurchase of up to \$30,000,000 of the Company's Common Stock (the November 2000 Plan). The November 2000 Plan authorizes the Company to make such repurchases from time to time in the open market or through privately negotiated transactions. The timing and amounts of stock repurchases are at the discretion of management based on its view of economic and financial market conditions. The Company did not repurchase shares of Common Stock during the six months ended June 30, 2013. As of June 30, 2013, the Company had approximately \$8,541,000 remaining under the November 2000 Plan.

During the six months ended June 30, 2013, one of the Company's subsidiaries paid a total of \$800,000 in cash dividends, all of which were paid to the Company.

The Company's primary liquidity needs are for making continuing investments in manufacturing equipment. The Company believes cash generated from operations and the total of its cash and cash equivalents will be sufficient to fund planned operations and capital equipment purchases for the foreseeable future. The Company had approximately \$964,000 of capital expenditure commitments, principally for manufacturing equipment, as of June 30, 2013.

Based on the Company's ability to access cash and cash equivalents and its expected operating cash flows, management does not anticipate the current lack of liquidity of the Company's auction rate securities will affect the Company's ability to execute its current operating plan.

The Company does not consider the impact of inflation and changing prices on its business activities or fluctuations in the exchange rates for foreign currency transactions to have been significant during the last three fiscal years.

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Vicor Corporation

June 30, 2013

**Item 3 Quantitative and Qualitative Disclosures About Market Risk**

The Company is exposed to a variety of market risks, including changes in interest rates affecting the return on its cash and cash equivalents and long-term investments, and fluctuations in foreign currency exchange rates. As the Company's cash and cash equivalents consist principally of cash accounts and money market securities, which are short-term in nature, the Company believes its exposure to market risk on interest rate fluctuations for these investments is not significant. The Company's long-term investments consist mainly of municipal and corporate debt securities, of which the Failed Auction Securities represent a significant portion. While the Failed Auction Securities are Aaa/AA+/A3/BBB rated by major credit rating agencies, collateralized by student loans and guaranteed by the U.S. Department of Education under the Federal Family Education Loan Program, continued failure to sell at their reset dates could negatively impact the carrying value of the investments, in turn leading to impairment charges in future periods. Changes in the fair value of the Failed Auction Securities attributable to credit loss are recorded through earnings, with the remainder of any change recorded in Accumulated other comprehensive income (loss), a component of Stockholders' Equity. Should a decline in the value of the Failed Auction Securities be other than temporary, the losses would be recorded in Other income (expense), net. The Company does not believe there was an other-than-temporary decline in value in these securities as of June 30, 2013.

The Company's exposure to market risk for fluctuations in foreign currency exchange rates relates primarily to the operations of VJCL and changes in the dollar/yen exchange rate, as the functional currency of the Company's subsidiaries in Europe and Hong Kong is the U.S. dollar. Therefore, the Company believes market risk is mitigated since these operations are not materially exposed to foreign exchange fluctuations.

**Item 4 Controls and Procedures**

(a) Disclosure regarding controls and procedures.

As required by Rule 13a-15 under the Securities Exchange Act, the Company's management, with the participation of the Company's Chief Executive Officer (CEO) and Chief Financial Officer (CFO), conducted an evaluation of the effectiveness of the Company's disclosure controls and procedures, as of the end of the last fiscal quarter (i.e., June 30, 2013). The term disclosure controls and procedures, as defined in Rules 13a-15(e) and 15d-15(e) under the Securities Exchange Act of 1934, as amended (the Exchange Act), means controls and other procedures of a company that are designed to ensure that information required to be disclosed by a company in the reports that it files or submits under the Exchange Act is recorded, processed, summarized and reported, within the time periods specified in the Securities and Exchange Commission's rules and forms. Disclosure controls and procedures include, without limitation, controls and procedures designed to ensure that information required to be disclosed by a company in the reports that it files or submits under the Exchange Act is accumulated and communicated to the Company's management, including its principal executive and principal financial officers, as appropriate to allow timely decisions regarding required disclosure. Management recognizes that any controls and procedures, no matter how well designed and operated, can provide only reasonable assurance of achieving their objectives and management necessarily applies its judgment in evaluating the cost-benefit relationship of possible controls and procedures. Based on the evaluation of the Company's disclosure controls and procedures as of June 30, 2013, the Chief Executive Officer and Chief Financial Officer concluded that, as of such date, the Company's disclosure controls and procedures were effective at the reasonable assurance level.

A control system, no matter how well designed and operated, can provide only reasonable, not absolute, assurance that the control system's objectives will be met. Accordingly, management, including the CEO and CFO, recognizes the Company's disclosure controls or its internal control over financial reporting may not prevent or detect all errors and all fraud. The design of a control system must reflect the fact that there are resource constraints, and the benefits of controls must be considered relative to their costs. Further, because of the inherent limitations in all control systems, no evaluation of controls can provide absolute assurance that misstatements due to error or fraud will not occur or that all control issues and instances of fraud, if any, within the Company have been detected. These inherent limitations include the realities that judgments in decision-making can be faulty and that breakdowns can occur because of simple error or mistake. Controls can also be circumvented by the individual acts of some persons, by collusion of two or more people, or by management override of the controls. The design of any system of controls is based in part on certain assumptions about the likelihood of future events, and there can be no assurance that any design will succeed in achieving its stated goals under all potential future conditions. Projections of any control's effectiveness to future periods are subject to risks. Over time, controls may become inadequate because of changes in conditions or deterioration in the degree of compliance with policies or procedures.



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Vicor Corporation

June 30, 2013

(b) Changes in internal control over financial reporting.

There was no change in the Company's internal control over financial reporting that occurred during the fiscal quarter ended June 30, 2013, that materially affected, or is reasonably likely to materially affect, the Company's internal control over financial reporting.

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Part II Other Information

June 30, 2013

**Item 1 Legal Proceedings**

See Note 12. Commitments and Contingencies in the Notes to Condensed Consolidated Financial Statements in Part I Item 1 Financial Statements.

**Item 1A Risk Factors**

There have been no material changes in the risk factors described in Item 1A ( Risk Factors ) of the Company s Annual Report on Form 10-K for the year ended December 31, 2012.

**Item 2 Unregistered Sales of Equity Securities and Use of Proceeds**

| Period             | <u>Issuer Purchases of Equity Securities</u>         |   |  | Maximum Number<br>(of Approximate<br>Dollar Value) of<br>Shares (or Units)<br>that May Yet Be<br>Purchased Under<br>the Plans or<br>Programs |
|--------------------|--|---|--|--|
|                    | Total Number<br>of Shares<br>(or Units)<br>Purchased | Average Price<br>Paid<br>per Share<br>(or Unit) | Total Number of<br>Shares (or Units)<br>Purchased as<br>Part of Publicly<br>Announced Plans<br>or Programs |  |
| April 1 - 30, 2013 | 1,341,575  | \$ 5.00   | 1,341,575  | \$ 8,541,000   |
| May 1 - 31, 2013   |  |   |  | 8,541,000  |
| June 1 - 30, 2013  |  |   |  | 8,541,000  |
| Total              | 1,341,575  | \$ 5.00   | 1,341,575  |  |

On March 18, 2013, the Company announced its intent to commence a tender offer for shares of its Common Stock representing up to \$10,000,000 in aggregate value and commenced this tender offer on March 21, 2013. The tender offer expired on April 22, 2013. The total number of shares purchased and average price paid per share for the period April 1-30, 2013, disclosed in the table, represents the final results of the tender offer.

In November 2000, the Board of Directors of the Company authorized the repurchase of up to \$30,000,000 of the Company s Common Stock, of which \$8,541,000 remains authorized for additional purchases.

**Item 6 Exhibits**

| Exhibit Number | Description   |
|----------------|---|
| 31.1           | Certification of Chief Executive Officer pursuant to Rule 13a-14(a) of the Securities Exchange Act of 1934  |
| 31.2           | Certification of Chief Financial Officer pursuant to Rule 13a-14(a) of the Securities Exchange Act of 1934  |
| 32.1           | Certification of Chief Executive Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 |
| 32.2           |   |

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Certification of Chief Financial Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002

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Vicor Corporation

Part II Other Information

June 30, 2013

101 The following material from the Company's Quarterly Report on Form 10-Q, for the quarter ended June 30, 2013, formatted in XBRL (Extensible Business Reporting Language): (i) the Condensed Consolidated Balance Sheets; (ii) the Condensed Consolidated Statements of Operations; (iii) the Condensed Consolidated Statements of Comprehensive Income (Loss) (iv) the Condensed Consolidated Statements of Cash Flows; and (v) the Notes to Condensed Consolidated Financial Statements.

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SIGNATURES

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

VICOR CORPORATION

Date: July 30, 2013

By: /s/ Patrizio Vinciarelli  
Patrizio Vinciarelli  
Chairman of the Board, President and

Chief Executive Officer

(Principal Executive Officer)

Date: July 30, 2013

By: /s/ James A. Simms  
James A. Simms  
Vice President, Chief Financial Officer

(Principal Financial Officer)