

KEMET CORP
Form 10-Q
November 02, 2018

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549
FORM 10-Q
(Mark One)

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

For the quarterly period ended September 30, 2018

or

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

For the transition period from _____ to _____

Commission File Number: 001-15491

KEMET CORPORATION
(Exact name of registrant as specified in its charter)

DELAWARE 57-0923789
(State or other jurisdiction of incorporation or organization) (I.R.S. Employer Identification No.)
KEMET Tower, One East Broward Blvd., Fort Lauderdale, Florida 33301
(Address of principal executive offices, zip code)

(954) 766-2800
(Registrant's telephone number, including area code)

Former name, former address and former fiscal year, if changed since last report: N/A

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 every Interactive Data File required to be submitted 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 such files). YES NO

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

Large accelerated filer Accelerated filer Non-accelerated filer Smaller reporting company Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the

Exchange Act.

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 the registrant's common stock, par value \$0.01 per share, as of October 31, 2018 was 57,443,627.

KEMET CORPORATION AND SUBSIDIARIES
Form 10-Q for the Quarter ended September 30, 2018

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PART I - FINANCIAL INFORMATION

Item 1 - Financial Statements

KEMET CORPORATION AND SUBSIDIARIES

Condensed Consolidated Balance Sheets

(Amounts in thousands, except per share data)

(Unaudited)

| | September 30, 2018 | March 31, 2018 |
|---|-----------------------|-------------------|
| ASSETS | | |
| Current assets: | | |
| Cash and cash equivalents | \$263,047 | \$286,846 |
| Accounts receivable, net ⁽¹⁾ | 157,013 | 146,561 |
| Inventories, net | 213,268 | 204,386 |
| Prepaid expenses and other current assets | 36,320 | 41,160 |
| Total current assets ⁽¹⁾ | 669,648 | 678,953 |
| Property, plant and equipment, net of accumulated depreciation of \$857,866 and \$866,614 as of September 30, 2018 and March 31, 2018, respectively | 408,076 | 405,316 |
| Goodwill | 40,294 | 40,294 |
| Intangible assets, net | 55,457 | 59,907 |
| Equity method investments | 12,215 | 12,016 |
| Deferred income taxes | 12,124 | 13,837 |
| Other assets ⁽¹⁾ | 11,783 | 12,600 |
| Total assets ⁽¹⁾ | \$1,209,597 | \$1,222,923 |
| LIABILITIES AND STOCKHOLDERS' EQUITY | | |
| Current liabilities: | | |
| Current portion of long-term debt | \$20,553 | \$20,540 |
| Accounts payable | 138,253 | 139,989 |
| Accrued expenses ⁽¹⁾ | 96,666 | 125,119 |
| Income taxes payable | 2,584 | 2,010 |
| Total current liabilities ⁽¹⁾ | 258,056 | 287,658 |
| Long-term debt | 296,084 | 304,083 |
| Other non-current obligations ⁽¹⁾ | 128,427 | 152,249 |
| Deferred income taxes ⁽¹⁾ | 14,459 | 15,058 |
| Total liabilities ⁽¹⁾ | 697,026 | 759,048 |
| Stockholders' equity: | | |
| Preferred stock, par value \$0.01, authorized 10,000 shares, none issued | — | — |
| Common stock, par value \$0.01, authorized 175,000 shares, issued 57,436 and 56,641 shares at September 30, 2018 and March 31, 2018, respectively | 574 | 566 |
| Additional paid-in capital | 465,474 | 462,737 |
| Retained earnings (deficit) ⁽¹⁾ | 75,731 | 3,370 |
| Accumulated other comprehensive income (loss) ⁽¹⁾ | (29,208) | (2,798) |
| Total stockholders' equity ⁽¹⁾ | 512,571 | 463,875 |
| Total liabilities and stockholders' equity ⁽¹⁾ | \$1,209,597 | \$1,222,923 |

⁽¹⁾ Period ended March 31, 2018 adjusted due to the adoption of Accounting Standard Codification ("ASC") 606, Revenue from Contracts with Customers ("ASC 606"). Refer to Note 1, "Basis of Financial Statement Presentation."

See accompanying notes to the unaudited condensed consolidated financial statements.

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KEMET CORPORATION AND SUBSIDIARIES
Condensed Consolidated Statements of Operations
(Amounts in thousands, except per share data)
(Unaudited)

| | Three Months Ended September 30, | | Six Months Ended September 30, | |
|--|-------------------------------------|-----------|-----------------------------------|------------|
| | 2018 | 2017 | 2018 | 2017 |
| Net sales ⁽¹⁾ | \$349,233 | \$301,568 | \$676,849 | \$575,514 |
| Operating costs and expenses: | | | | |
| Cost of sales ⁽¹⁾ | 235,668 | 216,664 | 468,463 | 416,493 |
| Selling, general and administrative expenses | 52,258 | 42,417 | 100,800 | 78,048 |
| Research and development ⁽¹⁾ | 10,995 | 9,536 | 21,683 | 18,783 |
| Restructuring charges | — | 1,393 | (96) | 3,006) |
| (Gain) loss on write down and disposal of long-lived assets | 312 | (39) | 823) | (20) |
| Total operating costs and expenses ⁽¹⁾ | 299,233 | 269,971 | 591,673 | 516,310 |
| Operating income (loss) ⁽¹⁾ | 50,000 | 31,597 | 85,176 | 59,204 |
| Non-operating (income) expense: | | | | |
| Interest income | (375) | (95) | (753) | (161) |
| Interest expense | 7,287 | 7,365 | 14,323 | 18,325 |
| Acquisition (gain) loss | — | (1,285) | — | (136,873) |
| Other (income) expense, net | 4,011 | 10,153 | (7,360) | 16,292 |
| Income (loss) before income taxes and equity income (loss) from equity method investments ⁽¹⁾ | 39,077 | 15,459 | 78,966 | 161,621 |
| Income tax expense (benefit) ⁽¹⁾ | 2,000 | 2,864 | 6,600 | 4,004 |
| Income (loss) before equity income (loss) from equity method investments ⁽¹⁾ | 37,077 | 12,595 | 72,366 | 157,617 |
| Equity income (loss) from equity method investments | 64 | 224 | (5) | 75,641) |
| Net income (loss) ⁽¹⁾ | \$37,141 | \$12,819 | \$72,361 | \$233,258 |
| Net income (loss) per basic share | \$0.64 | \$0.26 | \$1.26 | \$4.80 |
| Net income (loss) per diluted share ⁽²⁾ | \$0.63 | \$0.22 | \$1.22 | \$4.01 |
| Weighted-average shares outstanding: | | | | |
| Basic | 57,799 | 49,819 | 57,570 | 48,607 |
| Diluted | 59,197 | 58,409 | 59,119 | 58,136 |

⁽¹⁾ Three and six months ended September 30, 2017 adjusted due to the adoption of ASC 606.

⁽²⁾ Six months ended September 30, 2017 adjusted due to the adoption of ASC 606.

See accompanying notes to the unaudited condensed consolidated financial statements.

KEMET CORPORATION AND SUBSIDIARIES

Condensed Consolidated Statements of Comprehensive Income (Loss)

(Amounts in thousands)

(Unaudited)

| | Three Months Ended | | Six Months Ended | |
|---|-----------------------|----------|-----------------------|-----------|
| | September 30, 2018 | 2017 | September 30, 2018 | 2017 |
| Net income (loss) ⁽¹⁾ | \$37,141 | \$12,819 | \$72,361 | \$233,258 |
| Other comprehensive income (loss): | | | | |
| Foreign currency translation gains (losses) ⁽¹⁾ | (3,149) | 9,020 | (27,352) | 13,373 |
| Defined benefit pension plans, net of tax | 248 | (297) | 287 | (153) |
| Defined benefit post-retirement plan adjustments | (39) | (47) | (78) | (94) |
| Equity interest in investee's other comprehensive income (loss) | (6) | — | (17) | 5,573 |
| Foreign exchange contracts | 5,188 | (2,429) | 750 | (1,477) |
| Other comprehensive income (loss) ⁽¹⁾ | 2,242 | 6,247 | (26,410) | 17,222 |
| Total comprehensive income (loss) ⁽¹⁾ | \$39,383 | \$19,066 | \$45,951 | \$250,480 |

⁽¹⁾ Three and six months ended September 30, 2017 adjusted due to the adoption of ASC 606.

See accompanying notes to the unaudited condensed consolidated financial statements.

KEMET CORPORATION AND SUBSIDIARIES
Condensed Consolidated Statements of Cash Flows
(Amounts in thousands)
(Unaudited)

| | Six Months Ended September 30, | |
|---|-----------------------------------|------------|
| | 2018 | 2017 |
| Operating activities | | |
| Net income (loss) ⁽¹⁾ | \$72,361 | \$233,258 |
| Adjustments to reconcile net income (loss) to net cash provided by (used in) operating activities, net of effect of acquisitions: | | |
| Depreciation and amortization ⁽¹⁾ | 25,642 | 26,013 |
| Equity (income) loss from equity method investments | 5 | (75,641) |
| Acquisition (gain) loss | — | (136,873) |
| Non-cash debt and financing costs | 635 | 1,124 |
| (Gain) loss on early extinguishment of debt | — | 486 |
| Stock-based compensation expense | 8,477 | 2,631 |
| Receivable write down | 81 | 152 |
| (Gain) loss on write down and disposal of long-lived assets | 823 | (20) |
| Pension and other post-retirement benefits | 2,549 | 2,608 |
| Change in deferred income taxes ⁽¹⁾ | 578 | (126) |
| Change in operating assets ⁽¹⁾ | (19,956) | 20,586 |
| Change in operating liabilities ⁽¹⁾ | (58,049) | (34,639) |
| Other ⁽¹⁾ | (147) | 190 |
| Net cash provided by (used in) operating activities ⁽¹⁾ | 32,999 | 39,749 |
| Investing activities: | | |
| Capital expenditures | (40,478) | (17,830) |
| Acquisitions, net of cash received | — | 167,129 |
| Proceeds from sale of assets | — | 600 |
| Proceeds from dividend | 776 | 585 |
| Investment in joint venture | (1,000) | — |
| Net cash provided by (used in) investing activities | (40,702) | 150,484 |
| Financing activities: | | |
| Payments on revolving line of credit | — | (33,881) |
| Payment of long-term debt | (8,625) | (357,313) |
| Proceeds from issuance of debt | 510 | 334,978 |
| Debt issuance costs | — | (5,002) |
| Proceeds from exercise of stock warrants | — | 8,838 |
| Proceeds from exercise of stock options | 471 | 4,066 |
| Net cash provided by (used in) financing activities | (7,644) | (48,314) |
| Net increase (decrease) in cash, cash equivalents and restricted cash | (15,347) | 141,919 |
| Effect of foreign currency fluctuations on cash, cash equivalents and restricted cash ⁽¹⁾ | (8,452) | 1,980 |
| Cash, cash equivalents, and restricted cash at beginning of fiscal period | 286,846 | 109,774 |
| Cash, cash equivalents, and restricted cash at end of fiscal period | 263,047 | 253,673 |
| Less: Restricted cash at end of period | — | — |
| Cash and cash equivalents at end of period | \$263,047 | \$253,673 |

⁽¹⁾ Six months ended September 30, 2017 adjusted due to the adoption of ASC 606.

See accompanying notes to the unaudited condensed consolidated financial statements.

Notes to Condensed Consolidated Financial Statements
(Unaudited)

Note 1. Basis of Financial Statement Presentation

The Condensed Consolidated Financial Statements contained herein are unaudited and have been prepared from the books and records of KEMET Corporation and its subsidiaries (“KEMET” or the “Company”). In the opinion of management, the Condensed Consolidated Financial Statements reflect all adjustments, consisting only of normal recurring adjustments unless otherwise disclosed, necessary for a fair presentation of the results for the interim periods. The Condensed Consolidated Financial Statements have been prepared in accordance with the instructions to Form 10-Q, and therefore, do not include all information and footnotes necessary for a complete presentation of financial position, results of operations, and cash flows in conformity with U.S. generally accepted accounting principles (“U.S. GAAP”). Although the Company believes the disclosures are adequate to make the information presented not misleading, it is suggested that these Condensed Consolidated Financial Statements be read in conjunction with the audited financial statements and notes thereto included in the Company’s Form 10-K for the fiscal year ended March 31, 2018 (the “Company’s 2018 Annual Report”).

The accompanying Condensed Consolidated Financial Statements include the accounts of the Company and its wholly-owned subsidiaries. In consolidation, all intercompany amounts and transactions have been eliminated. Prior year balances for SG&A and Cost of sales amounts have been adjusted to correct the classification of certain TOKIN operating expenses to align with KEMET’s classification of these expenses. Net sales and operating results for the three and six months ended September 30, 2018 are not necessarily indicative of the results to be expected for the full year.

The Company’s significant accounting policies are presented in the Company’s 2018 Annual Report. Refer to the “Change in accounting policies” section below for changes in accounting policies since the issuance of the Company’s 2018 Annual Report.

Use of Estimates and Assumptions

The preparation of financial statements in conformity with U.S. GAAP requires management to make estimates, assumptions, and judgments based on historical data and other assumptions that management believes are reasonable. These estimates and assumptions affect the reported amounts of assets and liabilities and the disclosure of contingent assets and liabilities at the date of the financial statements. In addition, they affect the reported amounts of revenues and expenses during the reporting period.

The Company’s judgments are based on management’s assessment as to the effect certain estimates, assumptions, or future trends or events may have on the financial condition and results of operations reported in the unaudited condensed consolidated financial statements. It is important that readers of these unaudited financial statements understand that actual results could differ from these estimates, assumptions, and judgments.

Change in Accounting Policies

The Company implemented ASC 606, Revenue from Contracts with Customers (“ASC 606”) as of April 1, 2018. As a result, the Company changed its accounting policy for revenue recognition. Except as discussed below, there have not been any other changes to the Company’s significant accounting policies since the issuance of the Company’s 2018 Annual Report.

Research & development

The Company previously recognized all research and development (“R&D”) expenses when they were incurred. Under ASC 606, the Company capitalizes a portion of research and development expenses which directly relate to an existing or anticipated contract or specific business opportunity and amortizes them consistently with the pattern of transfer of the goods to which the asset relates. If the expected amortization period is one year or less, the research and development activities are expensed when incurred.

Specialized equipment

At times, the Company enters into contracts with customers that contain capital arrangements for specialized equipment obtained in order to manufacture products in accordance with customer specifications. The Company may agree to purchase and assemble specific tooling equipment on behalf of the customer and ultimately resell the

equipment (and transfer title and control) to the customer. Previously, the Company accumulated such costs on the balance sheet and subsequently applied the receipt of payment from the customer against the asset, thus resulting in no impact to the statement of operations. Under ASC 606, the Company recognizes a distinct performance obligation for the capital arrangement and records the selling

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price of the equipment as a component of revenue and cost of goods sold at a point in time when the customer obtains control over the asset.

Material up-front fees

At times, the Company enters into contracts with customers whereby the customer agrees to reimburse the Company for certain manufacturing equipment, capacity expansion, and fulfillment costs required to manufacture product which meets the customer's required specifications. Previously, the Company recognized the reimbursement revenue in accordance with the contractual reimbursement schedule. Under ASC 606, the Company recognizes material up-front fees as options that provide the customer with a material right to acquire future goods. The Company applies the practical expedient in paragraph 606-10-55-45 and does not estimate the standalone selling price of the option, but instead allocates the transaction price to the optional goods by reference to the goods expected to be provided and the corresponding expected consideration. Accordingly, the revenue is recognized over the longer of the contract period or the estimated length of the product life cycle, which approximates the period during which the customer is expected to benefit.

Significant Accounting Policies

Revenue Recognition

The Company recognizes revenue under the guidance provided in ASC 606. Consistent with the terms of ASC 606, the Company records revenue on product sales in the period in which the Company satisfies its performance obligation by transferring control over a product to a customer. The amount of revenue recognized reflects the consideration the Company expects to receive in exchange for transferring products to a customer. The Company has elected the practical expedient under ASC 606-10-32-18 and does not consider the effects of a financing component on the promised amount of consideration because the period between when the Company transfers a product to a customer and when the customer pays for that product is one year or less. As performance obligations are expected to be fulfilled in one year or less, the Company has elected the practical expedient under ASC 606-10-50-14 and has not disclosed information relating to remaining performance obligations.

The Company sells its products to distributors, original equipment manufacturers ("OEM"), and electronic manufacturing services providers ("EMS"), and the sales price may include adjustments for sales discounts, price adjustments, and sales allowances. The Company has elected the practical expedient under ASC 606-10-10-4 and evaluates these sales-related adjustments on a portfolio basis. The principle forms of these adjustments include:

- Inventory price protection and ship-from stock and debit ("SFSD") programs,
- Distributor rights of returns,
- Sales allowances, and
- Limited assurance warranties

The Company's inventory price protection and SFSD programs provide authorized distributors with the flexibility to meet marketplace prices by allowing them, upon a pre-approved case-by-case basis, to adjust their purchased inventory cost to correspond with current market demand. Requests for SFSD adjustments are considered on an individual basis, require a pre-approved cost adjustment quote from their local KEMET sales representative, and apply only to a specific customer, part, specified special price amount, specified quantity, and are only valid for a specific period of time. To estimate potential SFSD adjustments corresponding with current period sales, KEMET records a sales reserve based on historical SFSD credits, distributor inventory levels, and certain accounting assumptions, all of which are reviewed quarterly.

Select distributors have the right to return a certain portion of their purchased inventory to KEMET from the previous fiscal quarter. The Company estimates future returns based on historical return patterns and records a corresponding right of return asset and refund liability as a component of the line items, "Inventories, net" and "Accrued expenses," respectively, on the Condensed Consolidated Balance Sheets. The Company also offers volume based rebates on a case-by-case basis to certain customers in each of the Company's sales channels.

The Company's sales allowances are recognized as a reduction in the line item "Net sales" on the Condensed Consolidated Statements of Operations, while the associated reserves are included in the line item "Accounts receivable, net" on the Condensed Consolidated Balance Sheets. Estimates used in determining sales allowances are subject to various factors. This includes, but is not limited to, changes in economic conditions, pricing changes,

product demand, inventory levels in the supply chain, the effects of technological change, and other variables that might result in changes to the Company's estimates.

The Company provides a limited assurance warranty on products that meet certain specifications to select customers. The warranty coverage period is generally limited to one year for United States based customers and a length of time commensurate with regulatory requirements or industry practice outside the United States. A warranty cannot be purchased by

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the customer separately and, as a result, product warranties are not considered to be separate performance obligations. The Company's liability under these warranties is generally limited to a replacement of the product or refund of the purchase price of the product. Warranty costs were not material for the three and six months ended September 30, 2018 and 2017.

Shipping and handling costs are included in cost of sales.

Disaggregation of Revenue

Refer to Note 8, "Segment and Geographic Information" for revenue disaggregated by primary geographical market, sales channel, and major product line.

Contract liabilities

Contract liabilities consist of advance payments from certain customers within the OEM channel for the development of additional production capacity. The current and noncurrent portions of these liabilities are included as a component of the line items, "Accrued expenses" and "Other non-current obligations," respectively, on the Condensed Consolidated Balance Sheets.

The balance of net contract liabilities consisted of the following at September 30, 2018 and March 31, 2018 (amounts in thousands):

| | September 30, 2018 | March 31, 2018 |
|---|-----------------------|----------------------|
| Contract liabilities - current (Accrued expenses) | \$ 256 | \$ 256 |
| Contract liabilities - noncurrent (Other non-current obligations) | 384 | 513 |
| Total contract liabilities | \$ 640 | \$ 769 |

In each of the three and six months ended September 30, 2018, the Company recognized revenue of \$0.1 million related to contract liabilities at March 31, 2018. In each of the three and six months ended September 30, 2017, the Company recognized revenue of \$0.1 million related to contract liabilities at March 31, 2017. Revenue related to contract liabilities is recorded on the Condensed Consolidated Statements of Operations line item, "Net sales."

Contract assets

The Company recognizes an asset from the costs incurred to fulfill a contract if those costs directly relate to an existing or anticipated contract or specific business opportunity, if the costs enhance our own resources that will be used in satisfying performance obligations in the future, and the costs are expected to be recovered through subsequent sale of product to the customer. The Company has determined that certain direct labor, materials, and allocations of overhead incurred within research and development activities meet the requirements to be capitalized. As most of our contracts and customer specific business opportunities do not include a stated term, the Company amortizes these capitalized costs over the expected product life cycle, which is consistent with the estimated transfer of goods to the customer. Capitalized contract costs were \$1.9 million and \$2.2 million at September 30, 2018 and March 31, 2018, respectively. Capitalized contracts costs are recorded on the Condensed Consolidated Balance Sheets in the line item, "Other assets." Amortization expense related to the contract costs was \$0.2 million and \$0.4 million for the three and six months ended September 30, 2018, respectively, and \$0.2 million and \$0.4 million for the three and six months ended September 30, 2017, respectively. There was no impairment loss in relation to the costs capitalized for the three and six months ended September 30, 2018 and 2017. Amortization expense related to contract assets is recorded on the Condensed Consolidated Statements of Operations line item "Cost of sales."

Fair Value Measurement

The Company utilizes three levels of inputs to measure the fair value of (a) nonfinancial assets and liabilities that are recognized or disclosed at fair value in the Company's Condensed Consolidated Financial Statements on a recurring basis (at least annually) and (b) all financial assets and liabilities. Fair value is defined as the exchange price that would be received for an asset or paid to transfer a liability (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.

Valuation techniques used to measure fair value must maximize the use of observable inputs and minimize the use of unobservable inputs.

The first two inputs are considered observable and the last is considered unobservable. The levels of inputs are as follows:

Level 1—Quoted prices in active markets for identical assets or liabilities.

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Level 2—Inputs other than Level 1 that are observable, either directly or indirectly, such as quoted prices for similar assets or liabilities, quoted prices in markets that are not active, or other inputs that are observable or can be corroborated by observable market data for substantially the full term of the assets or liabilities.

Level 3—Unobservable inputs that are supported by little or no market activity and that are significant to the fair value of the assets or liabilities.

Assets and liabilities measured at fair value on a recurring basis as of September 30, 2018 and March 31, 2018 are as follows (amounts in thousands):

| | Carrying Value September 30, 2018 | Fair Value September 30, 2018 | Fair Value Measurement Level 1 | Fair Value Measurement Using Level 2 | Carrying Value March 31, 2018 | Fair Value March 31, 2018 | Fair Value Measurement Level 1 | Fair Value Measurement Using Level 2 | Level 3 |
|---------------------------------|---|-------------------------------------|-----------------------------------|---|-------------------------------------|---------------------------------|-----------------------------------|---|---------|
| Assets | | | | | | | | | |
| (Liabilities): | | | | | | | | | |
| Money markets ⁽¹⁾⁽²⁾ | \$ 70,580 | \$ 70,580 | \$ 70,580 | \$ — | \$ 83,891 | \$ 83,891 | \$ 83,891 | \$ — | \$ — |
| Total debt | (316,637) | (334,194) | — | (334,194) | (324,623) | (343,125) | — | (343,125) | — |

⁽¹⁾ Included in the line item “Cash and cash equivalents” on the Condensed Consolidated Balance Sheets.

⁽²⁾ Certificates of Deposit of \$27.5 million and \$33.9 million that mature in three months or less are included within the balance as of September 30, 2018 and March 31, 2018, respectively.

⁽³⁾ The valuation approach used to calculate fair value was a discounted cash flow based on the current market rate.

Deferred Income Taxes

The Company accounts for income taxes under the asset and liability method. Deferred tax assets and liabilities are recognized for the future tax consequences attributable to differences between the financial statement carrying amounts of existing assets and liabilities and their respective tax bases and operating loss and tax credit carryforwards. Deferred tax assets and liabilities are measured using enacted tax rates expected to apply to taxable income in the fiscal years in which those temporary differences are expected to be recovered or settled. The Company periodically evaluates its net deferred tax assets based on an assessment of historical performance, ability to forecast future events, and the likelihood that the Company will realize the benefits through future taxable income. Valuation allowances are recorded to reduce the net deferred tax assets to the amount that is more likely than not to be realized. For interim reporting purposes, the Company records income taxes based on the expected annual effective income tax rate, taking into consideration global forecasted tax results and the effect of discrete tax events. The Company makes certain estimates and judgments in the calculation for the provision for income taxes, in the resulting tax liabilities, and in the recoverability of deferred tax assets. All deferred tax assets are reported as noncurrent in the Condensed Consolidated Balance Sheets.

Inventories

Inventories are stated at the lower of cost or net realizable value. The components of inventories are as follows (amounts in thousands):

| | September 30, 2018 | March 31, 2018 |
|----------------------------|--------------------|----------------|
| Raw materials and supplies | \$89,198 | \$88,408 |
| Work in process | 66,456 | 65,417 |
| Finished goods | 73,865 | 66,907 |
| Subtotal | 229,519 | 220,732 |
| Inventory reserves | (16,251) | (16,346) |
| Inventories, net | \$213,268 | \$204,386 |

Recently Issued Accounting Pronouncements

In August 2018, the Financial Accounting Standards Board (“FASB”) issued Accounting Standards Update (“ASU”) No. 2018-15, Customer's Accounting for Implementation Costs Incurred in a Cloud Computing Arrangement that is a Service Contract. This ASU amends the definition of a hosting arrangement and requires a customer in a hosting arrangement that is a service contract to capitalize certain implementation costs as if the arrangement was an internal-use software project. Under this ASU, a customer will apply ASC 350-40 to determine whether to capitalize implementation costs of the cloud computing arrangement that is a service contract or expense them as incurred. This ASU is effective for fiscal years beginning after

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December 15, 2019, and interim periods within those fiscal years. Early adoption is permitted. The Company is currently evaluating the impact of the adoption of this guidance on the Company's Condensed Consolidated Financial Statements.

In March 2018, the FASB issued ASU No. 2018-05, Amendments to SEC Paragraphs Pursuant to SEC Staff Accounting Bulletin ("SAB") No. 118. The amendments in this update provide guidance on when to record and disclose provisional amounts for certain income tax effects of the Tax Cuts and Jobs Act (the "Act"). The amendments also require any provisional amounts or subsequent adjustments to be included in net income from continuing operations. Additionally, this ASU discusses required disclosures that an entity must make with regard to the Act. This ASU is effective immediately as new information is available to adjust provisional amounts that were previously recorded. The Company has adopted this standard and will continue to evaluate indicators that may give rise to a change in the Company's tax provision as a result of the Act. See Note 11, "Income Taxes" for additional information on the Act. In August 2017, the FASB issued ASU No. 2017-12, Targeted Improvements to Accounting for Hedging Activities. The ASU amends and simplifies existing guidance in order to allow companies to more accurately present the economic effects of risk management activities in the financial statements. The effective date of this update is for fiscal years, and interim periods within those fiscal years, beginning after December 15, 2018, with early adoption permitted. The Company is currently evaluating the impact of the adoption of this guidance on the Company's Condensed Consolidated Financial Statements, however the adoption of this guidance is not expected to have a significant effect on the Company's Condensed Consolidated Balance Sheets, Results of Operations, or Cash Flows. In August 2016, the FASB issued ASU No. 2016-15, Statement of Cash Flows (Topic 230) Classification of Certain Cash Receipts and Cash Payments. The update clarifies how cash receipts and cash payments in certain transactions are presented and classified in the statement of cash flows. The effective date of this update is for fiscal years, and interim periods within those fiscal years, beginning after December 15, 2017, with early adoption permitted. The update requires retrospective application to all periods presented but may be applied prospectively if retrospective application is impracticable. The Company adopted this guidance as of April 1, 2018. In connection with the adoption of this ASU, the Company elected to account for distributions received from equity method investees using the nature of distributions approach, under which distributions are classified based on the nature of activity that generated them. The other provisions of this ASU did not have an impact on the Company's Condensed Consolidated Cash Flows. In February 2016, the FASB issued ASU No. 2016-02 ("ASU 2016-02"), Leases, as modified by ASU 2017-03, Transition and Open Effective Date Information, requiring lessees to recognize a right-of-use asset and a lease liability for all leases. The ASU also requires expanded disclosures to help financial statement users better understand the amount, timing, and uncertainty of cash flows arising from leases. The standard is effective for fiscal years beginning after December 15, 2018, and interim periods within those fiscal years. In July 2018, the FASB issued an update which provides an additional transition method allowing entities to only apply the new lease standard in the year of adoption. The Company will adopt ASU 2016-02 on April 1, 2019. We are currently collecting the necessary information on our lease population, establishing a new lease accounting process, and designing new internal controls for the new process. The Company continues to assess the potential effects of this ASU, which have not yet been quantified. The Company's assessment, which it expects to substantially complete in the fourth quarter of fiscal year 2019, includes a detailed review of the Company's lease contracts and a comparison of its historical accounting policies and practices to ASC 2016-02. Based on the Company's progress in reviewing its leasing arrangements across all of its business units, the Company expects to recognize a material amount of lease assets and liabilities on its Condensed Consolidated Balance Sheet upon adoption of the standard. This ASU is not expected to have a material effect on the amount of expense recognized in connection with the Company's current practice. For information about the Company's future lease commitments as of March 31, 2018, see Note 15, "Commitments and Contingencies," in the Company's 2018 Form 10-K.

In May 2014, the FASB issued ASU No. 2014-09, Revenue from Contracts with Customers, which superseded existing accounting standards for revenue recognition and created a single framework. ASU 2014-09 and its amendments were included primarily in ASC 606. The core principle of ASC 606 is that an entity should recognize revenue for the transfer of goods or services equal to an amount that it expects to be entitled to receive for those goods or services. ASC 606 also requires additional disclosures about the nature, amount, timing, and uncertainty of revenue

and cash flows arising from customer contracts, including significant judgments and changes in judgments. The Company adopted the requirements of ASC 606 effective in the first quarter of fiscal year 2019, using the full retrospective method, which required us to restate each prior reporting period presented. The Company has applied practical expedient ASC 606-10-65-1(f)(3) and notes that all previously reported historical amounts are adjusted for the impact of ASC 606.

Adoption of the requirements in ASC 606 impacted our previously reported Condensed Consolidated Balance Sheet as of March 31, 2018, our Condensed Consolidated Statements of Operations and Comprehensive Income for the three and six months ended September 30, 2017, and the Condensed Consolidated Statement of Cash Flows for the six months ended September 30, 2017 as follows (amounts in thousands, except per share data):

Condensed Consolidated Balance Sheet

| | As of March 31, 2018 | | |
|---|------------------------|---------------------|-------------|
| | As Previously Reported | ASC 606 Adjustments | As Adjusted |
| Assets | | | |
| Account receivable, net | \$144,076 | \$ 2,485 | \$146,561 |
| Total current assets | 676,468 | 2,485 | 678,953 |
| Other assets | 10,431 | 2,169 | 12,600 |
| Total assets | 1,218,269 | 4,654 | 1,222,923 |
| Liabilities and Stockholders' Equity | | | |
| Accrued expenses | \$122,377 | \$ 2,742 | \$125,119 |
| Total current liabilities | 284,916 | 2,742 | 287,658 |
| Deferred income taxes (non-current) | 14,571 | 487 | 15,058 |
| Other non-current obligations | 151,736 | 513 | 152,249 |
| Total liabilities | 755,306 | 3,742 | 759,048 |
| Retained earnings (deficit) | 2,675 | 695 | 3,370 |
| Accumulated other comprehensive income (loss) | (3,015) | 217 | (2,798) |
| Total stockholders' equity | 462,963 | 912 | 463,875 |
| Total liabilities and stockholders' equity | 1,218,269 | 4,654 | 1,222,923 |

Condensed Consolidated Statement of Operations

| | Three Months Ended September 30, 2017 | | |
|--------------------------------------|---------------------------------------|---------------------|-------------|
| | As Previously Reported | ASC 606 Adjustments | As Adjusted |
| Net sales | \$301,471 | \$ 97 | \$301,568 |
| Operating costs and expenses: | | | |
| Cost of sales | 216,395 | 269 | 216,664 |
| Research and development | 9,662 | (126) | 9,536 |
| Operating income (loss) | 31,643 | (46) | 31,597 |
| Income tax expense | 2,880 | (16) | 2,864 |
| Net income (loss) | 12,849 | (30) | 12,819 |
| | Six Months Ended September 30, 2017 | | |
| | As Previously Reported | ASC 606 Adjustments | As Adjusted |
| Net sales | \$575,471 | \$ 43 | \$575,514 |
| Operating costs and expenses: | | | |
| Cost of sales | 415,958 | 535 | 416,493 |
| Research and development | 19,052 | (269) | 18,783 |
| Operating income (loss) | 59,427 | (223) | 59,204 |
| Income tax expense | 4,030 | (26) | 4,004 |

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| | | | | |
|-------------------------------------|---------|-------|---|---------|
| Net income (loss) | 233,455 | (197 |) | 233,258 |
| Net income (loss) per diluted share | 4.02 | (0.01 |) | 4.01 |

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Condensed Consolidated Statement of Comprehensive Income

| | Three Months Ended September 30, 2017 | | |
|---|---------------------------------------|---------------------|-------------|
| | As Previously Reported | ASC 606 Adjustments | As Adjusted |
| Net income (loss) | \$12,849 | \$ (30) | \$ 12,819 |
| Foreign currency translation gains (losses) | 9,068 | (48) | 9,020 |
| Other comprehensive income (loss) | 6,295 | (48) | 6,247 |
| Total comprehensive income (loss) | 19,144 | (78) | 19,066 |
| | Six Months Ended September 30, 2017 | | |
| | As Previously Reported | ASC 606 Adjustments | As Adjusted |
| Net income (loss) | \$233,455 | \$ (197) | \$ 233,258 |
| Foreign currency translation gains (losses) | 13,206 | 167 | 13,373 |
| Other comprehensive income (loss) | 17,055 | 167 | 17,222 |
| Total comprehensive income (loss) | 250,510 | (30) | 250,480 |

Condensed Consolidated Statement of Cash Flows

| | Six Months Ended September 30, 2017 | | |
|---|-------------------------------------|---------------------|-------------|
| | As Previously Reported | ASC 606 Adjustments | As Adjusted |
| Operating activities | | | |
| Net income (loss) | \$233,455 | \$ (197) | \$ 233,258 |
| Depreciation and amortization | 25,569 | 444 | 26,013 |
| Change in deferred income taxes | (108) | (18) | (126) |
| Change in operating assets | 21,080 | (494) | 20,586 |
| Change in operating liabilities | (34,558) | (81) | (34,639) |
| Other | 162 | 28 | 190 |
| Net cash provided by (used in) operating activities | 40,067 | (318) | 39,749 |
| Effect of foreign currency fluctuations on cash | 1,662 | 318 | 1,980 |

There are currently no other accounting standards that have been issued that will have a significant impact on the Company's financial position, results of operations or cash flows upon adoption.

Note 2. Acquisitions

Sale of Electro-Mechanical Business and Acquisition of Remaining Interest in TOKIN

Between February 1, 2013 and April 19, 2017, KEMET, through its wholly-owned subsidiary, KEMET Electronics Corporation ("KEC"), held a 34% economic interest in TOKIN Corporation ("TOKIN") pursuant to a Stock Purchase Agreement (the "Stock Purchase Agreement") by and among KEC, TOKIN and NEC Corporation ("NEC"), as calculated based on the number of common shares held by KEC, directly and indirectly, in proportion to the aggregate number of common and preferred shares of TOKIN outstanding as of such date. TOKIN was established in Japan in 1938 and is

engaged in production and distribution of tantalum capacitors, transmitting communication devices, magnetic devices, piezoelectric devices and sensors. TOKIN has six manufacturing locations throughout Asia and was previously operating as a joint venture with NEC.

On April 14, 2017, TOKIN closed on the sale of its electro-mechanical devices (“EMD”) business to NTJ Holdings 1 Ltd. (“NTJ”), a special purpose entity that is owned by funds managed or operated by Japan Industrial Partners, Inc. (“JIP”), pursuant to a master sale and purchase agreement (the “EMD Master Sale and Purchase Agreement”) previously entered into

between TOKIN, NTJ and JIP (“Sale of EMD”). The initial selling price for EMD was JPY 48.2 billion, or approximately \$431.0 million, using the March 31, 2017 exchange rate of 111.823 Japanese Yen to 1.00 U.S. Dollar, and was subject to certain working capital adjustments. In the third quarter of fiscal year 2018, the selling price was adjusted by JPY 1.1 billion or approximately \$10.1 million (using the December 31, 2017 exchange rate of 112.574 Japanese Yen to 1.00 U.S. Dollar) related to working capital and other adjustments in accordance with the EMD Master Sale and Purchase Agreement. At the closing of the Sale of EMD, TOKIN used a portion of the sale proceeds to repay debt related to a shareholder loan from NEC. The TOKIN historical balance sheet was adjusted to reflect the removal of net assets sold and other items directly impacted by the Sale of EMD. Additionally, due to KEMET’s 34% equity interest in TOKIN held as of the closing, adjustments were made to reflect KEMET’s accounting for the Sale of EMD in accordance with the equity method of accounting.

On April 19, 2017, pursuant to a stock purchase agreement (the “TOKIN Purchase Agreement”) dated February 23, 2017 between KEC and NEC, KEC completed its acquisition, subject to final purchase price adjustments, of the remaining 66% economic interest in TOKIN, and as a result, TOKIN became a 100% owned indirect subsidiary of KEMET (the “TOKIN Acquisition”). Under the terms of the TOKIN Purchase Agreement, KEC paid NEC JPY 16.2 billion, or approximately \$148.6 million (using the April 19, 2017 exchange rate of 109.007 Japanese Yen to 1.00 U.S. Dollar), for all of the outstanding shares of TOKIN it did not already own. The preliminary purchase price was comprised of JPY 6.0 billion, or approximately \$55.0 million (using the April 19, 2017 exchange rate of 109.007 Japanese Yen to 1.00 U.S. Dollar) plus JPY 10.2 billion, or approximately \$93.6 million, which represented one-half of the estimated excess net cash proceeds (“Excess Cash”) from the Sale of EMD. The acquisition price was subject to working capital adjustments pursuant to the EMD Master Sale and Purchase Agreement. As a result of these working capital adjustments, the acquisition price was increased by JPY 0.3 billion, or approximately \$3.0 million (using the September 30, 2017 exchange rate of 112.502 Japanese Yen to 1.00 U.S. Dollar) in the second quarter of fiscal year 2018.

The Company believes the acquisition of TOKIN expands KEMET’s geographic presence, combining KEMET’s presence in the western hemisphere and TOKIN’s excellent position in Asia to enhance customer reach and creates an entrance into Japan for KEMET. The Company believes TOKIN’s product portfolio is a strong complement to KEMET’s existing product portfolio. KEMET believes the combination creates a leader in the combined polymer and tantalum capacitors market. The acquisition also enhances KEMET’s product diversification with entry into Electro-Magnetic Compatible (“EMC”) devices, as well as sensors and actuators. With the increased scale, the Company anticipates optimizing costs through competitive raw materials sourcing and maximizing operating efficiencies. Consistent with expectations, the acquisition has been accretive to earnings with improvement in Net income, Adjusted EBITDA and cash flows. TOKIN’s tantalum capacitor business is included within KEMET’s Solid Capacitor segment (“Solid Capacitors”) and the remainder of TOKIN’s business formed a new reportable segment for KEMET in fiscal year 2018, Electro-Magnetic, Sensors, and Actuators (“MSA”).

Note 3. Debt

A summary of debt is as follows (amounts in thousands):

| | September 30, March 31, | |
|---|-------------------------|-----------|
| | 2018 | 2018 |
| Term Loan Credit Agreement ⁽¹⁾ | \$ 310,645 | \$318,782 |
| Advance ⁽²⁾ | 440 | — |
| Other ⁽³⁾ | 5,552 | 5,841 |
| Total debt | 316,637 | 324,623 |
| Current maturities | (20,553) | (20,540) |
| Total long-term debt | \$ 296,084 | \$304,083 |

⁽¹⁾ Amounts shown are net of discount, bank issuance costs and other indirect issuance costs of \$12.8 million and \$13.3 million as of September 30, 2018 and March 31, 2018, respectively which reduce the Term Loan Credit Agreement (as defined herein) balance.

⁽²⁾ Amount shown is net of discount of \$0.1 million at September 30, 2018.

⁽³⁾ Amounts are shown net of discounts of \$0.4 million and \$0.5 million at September 30, 2018 and March 31, 2018, respectively.

The line item “Interest expense” on the Condensed Consolidated Statements of Operations for the three and six months ended September 30, 2018 and 2017, consists of the following (amounts in thousands):

| | Three Months Ended | | Six Months Ended | |
|---|--------------------|---------|------------------|----------|
| | September 30, | | September 30, | |
| | 2018 | 2017 | 2018 | 2017 |
| Contractual interest expense | \$6,896 | \$6,657 | \$13,741 | \$17,082 |
| Capitalized interest | (56) | (31) | (120) | (39) |
| Amortization of debt issuance costs | 93 | 145 | 209 | 312 |
| Amortization of debt (premium) discount | 299 | 490 | 397 | 756 |
| Imputed interest on acquisition-related obligations | 14 | 29 | 29 | 56 |
| Interest expense on capital lease | 41 | 75 | 67 | 158 |
| Total interest expense | \$7,287 | \$7,365 | \$14,323 | \$18,325 |

Term Loan Credit Agreement

On April 28, 2017, the Company entered into a Term Loan Credit Agreement (the “Term Loan Credit Agreement”) by and among the Company, KEC (together with the Company, the “Borrowers”), Bank of America, N.A. as the Administrative Agent and Collateral Agent, Merrill Lynch, Pierce, Fenner & Smith Incorporated, as sole lead arranger and bookrunner and various other lenders thereto from time to time.

The Term Loan Credit Agreement provides for a \$345.0 million term loan facility. In addition, the Borrowers may request incremental term loan commitments in an aggregate amount not to exceed \$50.0 million (together with the initial \$345.0 million term loan, the “Term Loans”). The proceeds were used, together with cash on hand, to fund the redemption of all of KEMET’s outstanding 10.5% Senior Notes, which were called for redemption on April 28, 2017. The Term Loans were issued at a price of 97.0% (with an original issue discount of 300 basis points). At the Company’s election, the Term Loans may be made as either Base Rate Term Loans or LIBO Rate Term Loans (each as defined in the Term Loan Credit Agreement). The applicable margin for Term Loans is 5.0% for Base Rate Term Loans and 6.0% for LIBO Rate Term Loans. All LIBO Rate Term Loans are subject to a pre-margin floor of 1.0%. The Term Loan Credit Agreement contains customary covenants and events of default.

The Company also entered into the Term Loan Security Agreement dated as of April 28, 2017 (the “Security Agreement”), by and among the Company, KEC and certain other subsidiaries of the Company and Bank of America, N.A., as collateral agent, pursuant to which the Company’s obligations under the Term Loan Credit Agreement are secured by a pledge of 65% of the outstanding voting stock of certain first-tier subsidiaries organized in Italy, Japan, Mexico and Singapore, and a second lien pledge on the collateral securing KEMET’s revolving credit facility. The

obligations of the Company under the Term Loan Credit Agreement are guaranteed by certain of its subsidiaries, including KRC Trade Corporation, KEMET Services Corporation, KEMET Blue Powder Corporation and The Forest Electric Company. The Term Loans mature April 28, 2024, and may be extended in accordance with the Term Loan Credit Agreement. The Company may prepay loans under the Term Loan Credit Agreement at any time, subject to certain notice requirements and certain prepayment premiums during the first two

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years. On a quarterly basis, the Company must repay 1.25% of the aggregate principal amount on the initial \$345.0 million term loan, or \$4.3 million; payments began on September 29, 2017.

The Company currently pays interest on the Term Loan Credit Agreement on a monthly basis due to favorable LIBO rates, and as such, had only two days and three days of interest payable related to the Term Loan Credit Agreement included in the line item "Accrued expenses" on the Condensed Consolidated Balance Sheets as of September 30, 2018 and March 31, 2018, respectively. Interest payable related to the Term Loan Credit Agreement was \$0.1 million and \$0.2 million as of September 30, 2018 and March 31, 2018, respectively.

Revolving Line of Credit

In connection with the closing of the Term Loan Credit Agreement, KEC also entered into Amendment No. 9 to Loan and Security Agreement, Waiver and Consent, dated as of April 28, 2017, by and among KEC, the other borrowers named therein, the financial institutions party thereto as lenders and Bank of America, N.A., as agent for the lenders (the "Loan Amendment"), which amended the Loan and Security Agreement dated as of September 30, 2010 by and among KEC, the other borrowers named therein, the financial institutions party thereto as lenders and Bank of America, N.A. as agent for the lenders (the "Loan Agreement"). The Loan Amendment increases the facility amount to \$75.0 million and provides KEC with lower applicable interest rate margins and the ability to complete the refinancing. As part of the overall refinancing, KEC also repaid all amounts outstanding under the Loan Agreement. As of September 30, 2018, there were no borrowings under the revolving line of credit, and the Company's available borrowing capacity, which is based on factors including outstanding eligible accounts receivable, inventory and equipment collateral, under the Loan Agreement was \$75.0 million.

Advance

In September 2018, the Company entered into an agreement with a customer (the "Customer") pursuant to which the Customer agreed to make advances to the Company in amounts up to \$36.0 million (the "Advance"). The Company will use the Advance to fund the purchase of production equipment and to make other investments and improvements in its business and operations (the "Investment") in order to increase overall capacity to produce various electronic components of the type and part as may be sold by the Company to the Customer from time to time. The Company retains all rights to the production equipment purchased with the funds from the Advance. The Advance from the Customer will be made in quarterly installments (an "Installment") over an expected period of 18 to 24 months starting in September 2018, with the amount of each Installment based on the costs and expenses that have been incurred, or are reasonably expected to be incurred or committed to be incurred, by the Company in connection with the Investment during the quarter applicable to such Installment.

The Advance will be repaid beginning on the date that production from the Investment is sufficient to meet the Company's obligations under the agreement with the Customer. Repayments will be made on a quarterly basis as determined by a calculation that generally takes into account the number of components purchased by the Customer during the quarter. Repayments based on the calculation will continue until either the Advance is repaid in full, or December 31, 2038. The Company is not required to make any quarterly repayment in an amount that exceeds \$0.9 million. If the Customer does not purchase a number of components that would require full repayment of the Advance by December 31, 2038, then the Advance shall be deemed repaid in full. Additionally, if the Customer does not purchase a number of components that would require a payment on the Advance for a period of 16 consecutive quarters, the Advance shall be deemed repaid in full.

An initial advance payment of \$0.5 million was paid by the Customer to the Company on September 7, 2018. Since the debt is non-interest bearing, we have recorded a debt discount in the amount of \$0.1 million. This discount will be amortized over the expected life of the Advance through interest expense.

Other Debt

In January 2017, KEMET's wholly-owned subsidiary, KEMET Electronics Portugal, S.A., received the first part of an interest free loan from the Portuguese Government in the amount of EUR 2.2 million (or \$2.5 million) to be used for fixed asset purchases. In July 2017, KEMET Electronics Portugal, S.A. received the second part of the loan in the amount of EUR 0.3 million (or \$0.3 million). The loan has a total term of eight years ending February 1, 2025. The loan will be repaid through semi-annual payments beginning on August 1, 2019. The first payment will be in the amount of EUR 0.2 million (or \$0.2 million) beginning on August 1, 2019 and the remaining payments will be in the

amount of EUR 0.2 million (or \$0.2 million). Since the debt is non-interest bearing, the Company has recorded a debt discount in the amount of EUR 0.6 million (or \$0.7 million) with an offsetting reduction to fixed assets. This discount will be amortized over the life of the loan through interest expense. If certain conditions are met, such as increased headcount, increased revenue, and increased gross value added, a portion of the loan could be forgiven during fiscal year 2020.

In September 2017, TOKIN received a short term borrowing pursuant to an agreement with The 77 Bank Limited, located in Japan, in the amount of 350.0 million Yen (or \$3.2 million). The interest rate for the borrowing is the Japanese Tokyo Interbank Offered Rate (“TIBOR”) plus 40 basis points. The loan was originally due in September 2018 and was extended to September 2019. The loan agreement automatically renews annually if both parties choose not to terminate or modify it.

Note 4. Goodwill and Intangible Assets

The following table highlights the Company’s intangible assets (amounts in thousands):

| | September 30, 2018 | | | March 31, 2018 | | |
|--|--------------------|--------------------------|------------|-----------------|--------------------------|------------|
| | Carrying Amount | Accumulated Amortization | Net Amount | Carrying Amount | Accumulated Amortization | Net Amount |
| Indefinite Lived Intangible Assets: | | | | | | |
| Trademarks | \$ 14,969 | \$ — | \$ 14,969 | \$ 15,474 | \$ — | \$ 15,474 |
| Amortizing Intangibles: | | | | | | |
| Patents (10 - 18 years) | 26,662 | (11,335) | 15,327 | 26,662 | (10,625) | 16,037 |
| Customer relationships (10 - 21 years) | 37,692 | (12,531) | 25,161 | 40,131 | (11,735) | 28,396 |
| Other | 224 | (224) | — | 238 | (238) | — |
| Total amortizing intangibles | 64,578 | (24,090) | 40,488 | 67,031 | (22,598) | 44,433 |
| Total intangible assets | \$ 79,547 | \$ (24,090) | \$ 55,457 | \$ 82,505 | \$ (22,598) | \$ 59,907 |

For the quarters ended September 30, 2018 and 2017, amortization related to intangibles was \$1.1 million and \$1.4 million, respectively, consisting of amortization related to patents of \$0.4 million and \$0.3 million, respectively, and amortization related to customer relationships of \$0.8 million and \$1.1 million, respectively. For each of the six months ended September 30, 2018 and 2017, amortization related to intangibles was \$2.3 million, consisting of amortization related to patents of \$0.7 million and amortization related to customer relationships of \$1.6 million. The weighted-average useful life for patents was 15.8 years as of September 30, 2018 and March 31, 2018, respectively, and for customer relationships was 12.3 years as of September 30, 2018 and March 31, 2018, respectively. Estimated amortization of intangible assets for each of the next five fiscal years is \$4.5 million, and thereafter, amortization will total \$17.8 million. Estimated amortization of patents for each of the next five fiscal years is \$1.4 million, and thereafter, amortization will total \$8.2 million. Estimated amortization of customer relationships for each of the next five fiscal years is \$3.1 million, and thereafter, amortization will total \$9.6 million. There were no changes in the carrying amount of goodwill for the six months ended September 30, 2018. The Company’s goodwill balance was \$40.3 million at September 30, 2018 and March 31, 2018.

Note 5. Restructuring Charges

The Company has implemented restructuring plans, which include programs to increase competitiveness by removing excess capacity, relocating production to lower cost locations, relocating corporate functions to the new headquarters, and eliminating unnecessary costs throughout the Company. Significant restructuring plans which include personnel reduction costs during the three months ended September 30, 2018 are summarized below (amounts in thousands):

| Restructuring Plan | Segment | Total expected to be incurred | | Incurred during quarter ended September 30, 2018 | | Cumulative incurred to date | |
|--|-----------|-------------------------------|-----------------------|--|-----------------------|-----------------------------|-----------------------|
| | | Personnel Reduction Costs | Relocation/Exit Costs | Personnel Reduction Costs | Relocation/Exit Costs | Personnel Reduction Costs | Relocation/Exit Costs |
| US overhead function relocation to Fort Lauderdale, FL | Corporate | \$ 2,655 | \$ 909 | \$ — | \$ — | \$ 2,655 | \$ 909 |
| Tantalum powder facility relocation | | 897 | 2,098 | — | — | — | — |

Solid
Capacitors

A summary of the expenses aggregated in the Condensed Consolidated Statements of Operations line item “Restructuring charges” in the three and six months ended September 30, 2018 and 2017, is as follows (amounts in thousands):

| | Three Months Ended September 30, 2017 | Six Months Ended September 30, 2018 | 2017 |
|---------------------------|--|---|---------|
| Personnel reduction costs | \$ 873 | \$(84) | \$1,111 |
| Relocation and exit costs | — 520 | (12) | 1,895 |
| Restructuring charges | \$ 1,393 | \$(96) | \$3,006 |

Three Months Ended September 30, 2017

The Company incurred \$1.4 million in restructuring charges in the three months ended September 30, 2017 comprised of \$0.9 million in personnel reduction costs and \$0.5 million in manufacturing relocation and exit costs.

The personnel reduction costs of \$0.9 million were due to severance charges across various overhead functions in the Simpsonville, South Carolina office as these functions were relocated to the Company's new corporate headquarters in Fort Lauderdale, Florida.

The manufacturing relocation and exit costs of \$0.5 million primarily consisted of \$0.4 million in expenses related to the relocation of the K-Salt operations to the existing Matamoros, Mexico plant and \$0.1 million in exit costs related to the shut-down of operations for KEMET Foil Manufacturing, LLC (“KFM”) in Knoxville, Tennessee.

Six Months Ended September 30, 2017

The Company incurred \$3.0 million in restructuring charges in the six months ended September 30, 2017 comprised of \$1.1 million in personnel reduction costs and \$1.9 million in manufacturing relocation and exit costs.

The personnel reduction costs of \$1.1 million were due to severance charges across various overhead functions in the Simpsonville, South Carolina office as these functions were relocated to the Company's new corporate headquarters in Fort Lauderdale, Florida.

The manufacturing relocation and exit costs of \$1.9 million primarily consisted of \$0.9 million in lease termination penalties related to the relocation of global marketing, finance and accounting, and information technology functions to the Company's Fort Lauderdale, Florida office, \$0.6 million in expenses related to the relocation of the K-Salt operations to the existing Matamoros, Mexico plant, \$0.3 million in exit costs related to the shut-down of operations for KFM, and \$0.1 million related to the transfer of certain Tantalum production from Simpsonville, South Carolina to Victoria, Mexico.

Reconciliation of Restructuring Liability

A reconciliation of the beginning and ending liability balances for restructuring charges included in the line items “Accrued expenses” and “Other non-current obligations” on the Condensed Consolidated Balance Sheets for the three and six months ended September 30, 2018 and 2017 is as follows (amounts in thousands):

| | Three Months Ended September 30, 2018 | | Three Months Ended September 30, 2017 | |
|----------------------------|--|------------------------------|--|------------------------------|
| | Personnel Reductions | Manufacturing Relocations | Personnel Reductions | Manufacturing Relocations |
| Beginning of period | \$4,170 | \$ 317 | \$798 | \$ 314 |
| Costs charged to expense | — | — | 873 | 520 |
| Costs paid or settled | (1,313) | — | (179) | (520) |
| Change in foreign exchange | (20) | (7) | 2 | (2) |
| End of period | \$2,837 | \$ 310 | \$1,494 | \$ 312 |

| | Six Months Ended September 30, 2018 | | Six Months Ended September 30, 2017 | |
|----------------------------|--|------------------------------|--|------------------------------|
| | Personnel Reductions | Manufacturing Relocations | Personnel Reductions | Manufacturing Relocations |
| Beginning of period | \$9,629 | \$ 330 | \$999 | \$ 406 |
| TOKIN opening balance | — | — | — | 314 |
| Costs charged to expense | (79) | — | 1,111 | 1,895 |
| Costs paid or settled | (6,449) | — | (636) | (2,301) |
| Change in foreign exchange | (264) | (20) | 20 | (2) |
| End of period | \$2,837 | \$ 310 | \$1,494 | \$ 312 |

6. Comprehensive Income (Loss) and Accumulated Other Comprehensive Income

Changes in Accumulated Other Comprehensive Income (Loss) (“AOCI”) for the three and six months ended September 30, 2018 and 2017 include the following components (amounts in thousands):

| | Foreign Currency Translation ⁽¹⁾ | Post-Retirement Benefit Plan Adjustments ⁽²⁾ | Defined Benefit Pension Plans, Net of Tax ⁽³⁾ | Ownership Share of Equity Method Investees’ Other Comprehensive Income (Loss) | | Net Accumulated Other Comprehensive Income (Loss) ⁽²⁾ |
|---|--|---|--|---|-------------|--|
| | | | | Foreign Exchange Contracts | Other | |
| Balance at June 30, 2018 | \$ (14,488) | \$ 840 | \$ (14,792) | \$ 274 | \$ (3,284) | \$ (31,450) |
| Other comprehensive income (loss) before reclassifications | (3,149) | — | — | (6) | 4,099 | 944 |
| Amounts reclassified out of AOCI | — | (39) | 248 | — | 1,089 | 1,298 |
| Other comprehensive income (loss) | (3,149) | (39) | 248 | (6) | 5,188 | 2,242 |
| Balance at September 30, 2018 | \$ (17,637) | \$ 801 | \$ (14,544) | \$ 268 | \$ 1,904 | \$ (29,208) |
| | Foreign Currency Translation ⁽¹⁾⁽²⁾ | Post-Retirement Benefit Plan Adjustments | Defined Benefit Pension Plans, Net of Tax ⁽³⁾ | Ownership Share of Equity Method Investees’ Other Comprehensive Income (Loss) | | Net Accumulated Other Comprehensive Income (Loss) ⁽²⁾ |
| Balance at June 30, 2017 | \$ (21,203) | \$ 1,087 | \$ (14,854) | \$ 274 | \$ 3,859 | \$ (30,837) |
| Other comprehensive income (loss) before reclassifications | 9,020 | — | — | — | (1,325) | 7,695 |
| Amounts reclassified out of AOCI | — | (47) | (297) | — | (1,104) | (1,448) |
| Other comprehensive income (loss) | 9,020 | (47) | (297) | — | (2,429) | 6,247 |
| Balance at September 30, 2017 | \$ (12,183) | \$ 1,040 | \$ (15,151) | \$ 274 | \$ 1,430 | \$ (24,590) |

| | Foreign Currency Translation (2) | Post-Retirement Benefit Plan Adjustments (1) | Defined Benefit Pension Plans Net of Tax (3) | Equity Method Investees' Other Comprehensive Income (Loss) | Ownership Share of Foreign Exchange Contracts | Net Accumulated Other Comprehensive Income (Loss) (2) |
|--|----------------------------------|--|--|--|---|---|
| Balance at March 31, 2018 | \$ 9,715 | \$ 879 | \$ (14,831) | \$ 285 | \$ 1,154 | \$ (2,798) |
| Other comprehensive income (loss) before reclassifications | (27,352) | — | — | (17) | 304 | (27,065) |
| Amounts reclassified out of AOCI | — | (78) | 287 | — | 446 | 655 |
| Other comprehensive income (loss) | (27,352) | (78) | 287 | (17) | 750 | (26,410) |
| Balance at September 30, 2018 | \$ (17,637) | \$ 801 | \$ (14,544) | \$ 268 | \$ 1,904 | \$ (29,208) |

| | Foreign Currency Translation (2) | Post-Retirement Benefit Plan Adjustments (1) | Defined Benefit Pension Plans Net of Tax (3) | Equity Method Investees' Other Comprehensive Income (Loss) | Ownership Share of Foreign Exchange Contracts | Net Accumulated Other Comprehensive Income (Loss) (2) |
|--|----------------------------------|--|--|--|---|---|
| Balance at March 31, 2017 | \$ (25,556) | \$ 1,134 | \$ (14,998) | \$ (5,299) | \$ 2,907 | \$ (41,812) |
| Other comprehensive income (loss) before reclassifications | 13,373 | — | — | 5,573 | (1,432) | 17,514 |
| Amounts reclassified out of AOCI | — | (94) | (153) | — | (45) | (292) |
| Other comprehensive income (loss) | 13,373 | (94) | (153) | 5,573 | (1,477) | 17,222 |
| Balance at September 30, 2017 | \$ (12,183) | \$ 1,040 | \$ (15,151) | \$ 274 | \$ 1,430 | \$ (24,590) |

(1) Due primarily to the Company's valuation allowance on deferred tax assets, there were no significant deferred tax effects associated with the cumulative currency translation gains and losses during the three and six months ended September 30, 2018 and 2017.

(2) March 31, 2017, March 31, 2018 and September 30, 2017 were adjusted due to the adoption of ASC 606.

(3) Ending balance is net of tax of \$2.2 million as of September 30, 2018 and 2017, respectively.

Note 7. Equity Method Investments

The following table provides a reconciliation of equity method investments to the Company's Condensed Consolidated Balance Sheets (amounts in thousands):

| | September 30, 2018 | March 31, 2018 |
|---|--------------------|----------------|
| Nippon Yttrium Co., Ltd ("NYC") | \$ 7,883 | \$ 8,148 |
| NT Sales Co., Ltd ("NTS") | 1,052 | 998 |
| Novasentis Inc. ("Novasentis") | 2,351 | 2,870 |
| KEMET Jianghai Electronics Components Co., Ltd ("KEMET Jianghai") | 929 | — |
| | \$ 12,215 | \$ 12,016 |
| TOKIN's Joint Ventures - NYC and NTS | | |

NYC was established in 1966 by TOKIN (previously Tohoku Metal Industries Co., Ltd.) and Mitsui Mining and Smelting Co., Ltd ("Mitsui"). NYC was established to commercialize yttrium oxides and the Company owns 30% of

NYC's stock. The carrying amount of the Company's equity investment in NYC was \$7.9 million and \$8.1 million as of September 30, 2018 and March 31, 2018, respectively.

NTS was established in 2004 by TOKIN, however subsequent to its formation, TOKIN sold 67% of its stock. NTS provides world-class electronic devices by utilizing global procurement networks and the Company owns 33% of NTS' stock. During the quarter ended September 30, 2018, a significant portion of NTS' sales were TOKIN's products. The carrying amount of the Company's equity investment in NTS was \$1.1 million and \$1.0 million as of September 30, 2018 and March 31, 2018, respectively.

Summarized transactions between KEMET and NTS were as follows (amounts in thousands):

| | Three Months | | Six Months | |
|----------------------|-----------------|----------|-----------------|----------|
| | Ended September | | Ended September | |
| | 30, | 30, | 30, | 30, |
| | 2018 | 2017 | 2018 | 2017 |
| KEMET's sales to NTS | \$12,389 | \$13,131 | \$24,597 | \$25,965 |
| NTS' sales to KEMET | 383 | 315 | 771 | 724 |

Investment in Novasentis

In fiscal year 2018, KEMET invested in the Series-D round of funding of Novasentis, a leading developer of film-based haptic actuators. Novasentis produces the world's thinnest electro mechanical polymer-based actuators that provide rich haptic feedback for a variety of applications, including AR/VR and Wearables. Novasentis supplies its "smart" film and KEMET applies its expertise in manufacturing film capacitors to the development and commercial production of the actuators. The Company's ownership percentage in Novasentis is 15% and has 1 of 3 seats on Novasentis' board of directors. Additionally, KEMET has an exclusive manufacturing supply agreement, whereby Novasentis will purchase goods exclusively from KEMET and KEMET shall manufacture and sell goods exclusively to Novasentis.

While the Company determined that Novasentis is a variable interest entity, the Company concluded that it is not the primary beneficiary of Novasentis. Accordingly, the Company accounts for its investment in Novasentis under the equity method of accounting.

The carrying amount of the Company's equity investment in Novasentis was \$2.4 million and \$2.9 million as of September 30, 2018 and March 31, 2018, respectively. As of both September 30, 2018 and March 31, 2018, the Company's maximum exposure to loss in its investment in Novasentis was limited to the carrying amount of its investment.

Under the equity method, the Company's share of profits and losses, and impairment charges from equity method investments are included in "Equity income (loss) from equity method investments" in the Condensed Consolidated Statements of Operations.

KEMET Jianghai Joint Venture

On January 29, 2018, the Company entered into a joint venture agreement with JIANGHAI (Nantong) Film Capacitor Co., Ltd ("Jianghai Film"), a subsidiary of Nantong Jianghai Capacitor Co., Ltd ("Jianghai") for the formation of KEMET Jianghai, a limited liability company located in Nantong, China. KEMET Jianghai was officially formed on May 16, 2018 to manufacture axial electrolytic capacitors and (H)EV Film DC brick capacitors, for distribution through the KEMET and Jianghai Film sales channels. The Company's ownership percentage is 50% and the Company and Jianghai Film will be equally represented on the joint venture's board of directors.

The Company's initial capital contribution to KEMET Jianghai was made during the second quarter of fiscal year 2019, and the Company accounts for its investment using the equity method due to the related nature of operations and its ability to influence the joint venture's decisions. As of September 30, 2018, the carrying amount of the Company's equity investment in KEMET Jianghai was \$0.9 million.

Note 8. Segment and Geographic Information

The Company is organized into three segments: Solid Capacitors, the Film and Electrolytic segment ("Film and Electrolytic") and MSA.

The segments are responsible for their respective manufacturing sites as well as their research and development efforts. The Company does not allocate corporate indirect selling, general and administrative ("SG&A") or shared Research and development ("R&D") expenses to the segments.

Solid Capacitors

Solid Capacitors operates in ten manufacturing sites in the United States, Mexico, and Asia, and operates innovation centers in the United States and Japan. Solid Capacitors primarily produces tantalum, aluminum polymer, and ceramic capacitors, which are sold globally. Solid Capacitors also produces tantalum powder used in the production of tantalum capacitors.

Film and Electrolytic

Film and Electrolytic operates in ten manufacturing sites throughout Europe and Asia, and maintain product innovation centers in Italy, Portugal, and Sweden. Film and Electrolytic primarily produces film, paper, and wet aluminum electrolytic capacitors, which are sold globally. In addition, the Film and Electrolytic segment designs and produces electromagnetic interference filters.

MSA

MSA operates in four manufacturing sites throughout Asia and operates a product innovation center in Japan. MSA primarily produces electro-magnetically compatible ("EMC") materials and devices, piezo materials and actuators, and various types of sensors, which are sold globally.

In the following tables, revenue is disaggregated by primary geographical market, sales channel, and major product lines. The table also includes a reconciliation of the disaggregated revenue with the reportable segments for the three and six months ended September 30, 2018 and 2017 (amounts in thousands):

| | Three Months Ended September 30, 2018 | | | |
|--|---------------------------------------|--------------|-----------|------------|
| | Solid | Film and | MSA | Total |
| | Capacitors | Electrolytic | | |
| Primary geographical markets | | | | |
| Asia and the Pacific Rim ("APAC") | \$ 106,535 | \$ 12,709 | \$ 19,144 | \$ 138,388 |
| Europe, the Middle East, and Africa ("EMEA") | 46,073 | 30,831 | 828 | 77,732 |
| North and South America ("Americas") | 73,345 | 6,844 | 2,100 | 82,289 |
| Japan and Korea ("JPKO") | 9,520 | 244 | 41,060 | 50,824 |
| | \$235,473 | \$ 50,628 | \$63,132 | \$349,233 |
| Sales Channel | | | | |
| OEM | \$74,550 | \$ 20,095 | \$59,387 | \$154,032 |
| Distributor | 116,947 | 24,762 | 2,707 | 144,416 |
| EMS | 43,976 | 5,771 | 1,038 | 50,785 |
| | \$235,473 | \$ 50,628 | \$63,132 | \$349,233 |
| Major product lines | | | | |
| Tantalum | \$148,054 | \$ — | \$— | \$148,054 |
| Ceramics | 87,419 | — | — | \$87,419 |
| Film and Electrolytic | — | 50,628 | — | \$50,628 |
| MSA | — | — | 63,132 | \$63,132 |
| | \$235,473 | \$ 50,628 | \$63,132 | \$349,233 |

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Three Months Ended September 30, 2017

| | Solid Capacitors | Film and Electrolytic | MSA | Total ⁽¹⁾ |
|-------------------------------------|---------------------|--------------------------|-----------|----------------------|
| Primary geographical markets | | | | |
| APAC | \$95,315 | \$ 14,164 | \$ 19,097 | \$ 128,576 |
| EMEA | 37,333 | 28,686 | 566 | 66,585 |
| Americas | 54,545 | 5,148 | 1,975 | 61,668 |
| JPKO | 4,074 | — | 40,665 | 44,739 |
| | \$ 191,267 | \$ 47,998 | \$ 62,303 | \$ 301,568 |
| Sales Channel | | | | |
| OEM | \$ 66,923 | \$ 22,295 | \$ 60,360 | \$ 149,578 |
| Distributor | 85,472 | 20,224 | 1,761 | 107,457 |
| EMS | 38,872 | 5,479 | 182 | 44,533 |
| | \$ 191,267 | \$ 47,998 | \$ 62,303 | \$ 301,568 |
| Major product lines | | | | |
| Tantalum | \$ 125,404 | \$ — | \$ — | \$ 125,404 |
| Ceramics | 65,863 | — | — | 65,863 |
| Film and Electrolytic | — | 47,998 | — | 47,998 |
| MSA | — | — | 62,303 | 62,303 |
| | \$ 191,267 | \$ 47,998 | \$ 62,303 | \$ 301,568 |

⁽¹⁾ Three months ended September 30, 2017 adjusted due to the adoption of ASC 606.

Six Months Ended September 30, 2018

| | Solid Capacitors | Film and Electrolytic | MSA | Total |
|-------------------------------------|---------------------|--------------------------|------------|------------|
| Primary geographical markets | | | | |
| APAC | \$ 206,907 | \$ 28,297 | \$ 36,143 | \$ 271,347 |
| EMEA | 87,538 | 63,439 | 1,403 | 152,380 |
| Americas | 136,449 | 13,493 | 4,498 | 154,440 |
| JPKO | 18,400 | 354 | 79,928 | 98,682 |
| | \$ 449,294 | \$ 105,583 | \$ 121,972 | \$ 676,849 |
| Sales Channel | | | | |
| OEM | \$ 144,938 | \$ 42,536 | \$ 115,487 | \$ 302,961 |
| Distributor | 224,580 | 51,330 | 5,192 | 281,102 |
| EMS | 79,776 | 11,717 | 1,293 | 92,786 |
| | \$ 449,294 | \$ 105,583 | \$ 121,972 | \$ 676,849 |
| Major product lines | | | | |
| Tantalum | \$ 282,367 | \$ — | \$ — | \$ 282,367 |
| Ceramics | 166,927 | — | — | 166,927 |
| Film and Electrolytic | — | 105,583 | — | 105,583 |
| MSA | — | — | 121,972 | 121,972 |
| | \$ 449,294 | \$ 105,583 | \$ 121,972 | \$ 676,849 |

Six Months Ended September 30, 2017

| | Solid Capacitors | Film and Electrolytic | MSA | Total ⁽¹⁾ |
|------------------------------|---------------------|--------------------------|-----------|----------------------|
| Primary geographical markets | | | | |
| APAC | \$167,971 | \$ 28,463 | \$39,551 | \$235,985 |
| EMEA | 74,965 | 57,167 | 946 | 133,078 |
| Americas | 112,743 | 9,851 | 3,738 | 126,332 |
| JPKO | 17,707 | — | 62,412 | 80,119 |
| | \$373,386 | \$ 95,481 | \$106,647 | \$575,514 |
| Sales Channel | | | | |
| OEM | \$125,915 | \$ 42,735 | \$98,160 | \$266,810 |
| Distributor | 172,392 | 41,627 | 8,187 | 222,206 |
| EMS | 75,079 | 11,119 | 300 | 86,498 |
| | \$373,386 | \$ 95,481 | \$106,647 | \$575,514 |
| Major product lines | | | | |
| Tantalum | \$241,854 | \$ — | \$— | \$241,854 |
| Ceramics | 131,532 | — | — | 131,532 |
| Film and Electrolytic | — | 95,481 | — | 95,481 |
| MSA | — | — | 106,647 | 106,647 |
| | \$373,386 | \$ 95,481 | \$106,647 | \$575,514 |

⁽¹⁾ Six months ended September 30, 2017 adjusted due to the adoption of ASC 606.

The following table reflects each segment's operating income (loss), depreciation and amortization expenses, and restructuring charges for the three and six months ended September 30, 2018 and 2017 (amounts in thousands):

| | Three Months Ended September 30, | | Six Months Ended September 30, | |
|--|--|-----------|-----------------------------------|-----------|
| | 2018 | 2017 | 2018 | 2017 |
| Operating income (loss) ⁽¹⁾ : | | | | |
| Solid Capacitors | \$84,686 | \$56,717 | \$154,351 | \$109,426 |
| Film and Electrolytic | 4,236 | 1,263 | 5,303 | 3,391 |
| MSA | 7,132 | 7,765 | 13,187 | 8,123 |
| Corporate | (46,054) | (34,148) | (87,665) | (61,736) |
| | \$50,000 | \$31,597 | \$85,176 | \$59,204 |
| Depreciation and amortization expense: | | | | |
| Solid Capacitors | \$7,353 | \$7,547 | \$14,535 | \$14,590 |
| Film and Electrolytic | 2,198 | 2,781 | 4,818 | 5,553 |
| MSA | 1,153 | 790 | 2,657 | 1,504 |
| Corporate | 1,841 | 2,436 | 3,632 | 4,366 |
| | \$12,545 | \$13,554 | \$25,642 | \$26,013 |

⁽¹⁾ Restructuring charges included in Operating income (loss) are as follows (amounts in thousands).

| | Three Months Ended September 30, 2017 | Six Months Ended September 30, 2018 | 2017 |
|------------------------|--|---|---------|
| Restructuring charges: | | | |
| Solid Capacitors | \$-\$ 416 | \$(18) | \$720 |
| Film and Electrolytic | — 104 | 1 | 265 |
| MSA | — — | — | — |
| Corporate | — 873 | (79) | 2,021 |
| | \$-\$ 1,393 | \$(96) | \$3,006 |

Note 9. Defined Benefit Pension and Other Postretirement Benefit Plans

The Company sponsors eleven defined benefit pension plans: six in Europe, one in Singapore, two in Mexico, and two in Japan. The Company funds the pension liabilities in accordance with laws and regulations applicable to those plans.

In addition, the Company maintains two frozen post-retirement benefit plans in the United States: health care and life insurance benefits for certain retired United States employees who reached retirement age while working for the Company. The health care plan is contributory, with participants' contributions adjusted annually. The life insurance plan is non-contributory. Costs recognized for benefit plans are recorded using estimated amounts which may change as actual costs for the fiscal year are determined.

The components of net periodic benefit (income) costs relating to the Company's pension and other postretirement benefit plans for the three months ended September 30, 2018 and 2017 are as follows (amounts in thousands):

| | Pension | | Other Benefits | |
|---|----------------------------------|---------|----------------------------------|--------|
| | Three Months Ended September 30, | | Three Months Ended September 30, | |
| | 2018 | 2017 | 2018 | 2017 |
| Net service cost | \$1,233 | \$1,316 | \$— | \$— |
| Interest cost | 478 | 425 | 3 | 3 |
| Expected return on net assets | (531) | (504) | — | — |
| Amortization: | | | | |
| Actuarial (gain) loss | 107 | 90 | (39) | (47) |
| Prior service cost | 23 | 20 | — | — |
| Total net periodic benefit (income) costs | \$1,310 | \$1,347 | \$(36) | \$(44) |

The components of net periodic benefit (income) costs relating to the Company's pension and other postretirement benefit plans for the six months ended September 30, 2018 and 2017 are as follows (amounts in thousands):

| | Pension | | Other Benefits | |
|---|--------------------------------|----------|--------------------------------|--------|
| | Six Months Ended September 30, | | Six Months Ended September 30, | |
| | 2018 | 2017 | 2018 | 2017 |
| Net service cost | \$2,466 | \$2,632 | \$— | \$— |
| Interest cost | 956 | 850 | 6 | 6 |
| Expected return on net assets | (1,062) | (1,007) | — | — |
| Amortization: | | | 0 | |
| Actuarial (gain) loss | 214 | 181 | (77) | (94) |
| Prior service cost | 46 | 40 | — | — |
| Total net periodic benefit (income) costs | \$2,620 | \$2,696 | \$(71) | \$(88) |

All of the amounts in the tables above, other than service cost, were recorded in the line item "Other (income) expense, net" in our Condensed Consolidated Statements of Operations. In fiscal year 2019, the Company expects to contribute up to \$8.5 million to the pension plans, \$5.0 million of which has been contributed as of September 30, 2018. For the postretirement benefit plan, the Company's policy is to pay benefits as costs are incurred.

Note 10. Stock-Based Compensation

As of September 30, 2018, the KEMET Corporation Omnibus Incentive Plan (the "Incentive Plan"), which amended and restated the KEMET Corporation 2014 Amendment and Restatement of the KEMET Corporation 2011 Omnibus Equity Incentive Plan, approved by the Company's stockholders on August 2, 2017, is the only plan the Company has to issue equity based awards to executives and key employees. Upon adoption of the Incentive Plan, no further awards were permitted to be granted under the Company's prior plans, including the 1992 Key Employee Stock Option Plan, the 1995 Executive Stock Option Plan, and the 2004 Long-Term Equity Incentive Plan (collectively, the "Prior Plans"). The Incentive Plan has authorized, in the aggregate, the grant of up to 12.2 million shares of the Company's Common Stock, comprised of 11.4 million shares under the Incentive Plan and 0.8 million shares remaining from the Prior Plans and authorizes the Company to provide equity-based compensation in the form of:

-

stock options, including incentive stock options, entitling the optionee to favorable tax treatment under Section 422 of the Internal Revenue Code;

- stock appreciation rights;
- restricted stock and restricted stock units (“RSUs”);
- other share-based awards; and
- performance awards.

Except as described below, options issued under these plans vest within one to three years and expire ten years from the grant date. Restricted stock and RSUs issued under these plans vest over one to four years, except for RSUs granted to members of the Board of Directors (the “Board”), which vest immediately beginning in fiscal year 2019. The Company grants RSUs to members of the Board, the Chief Executive Officer and key members of management. Once vested and settled, RSUs are converted into restricted stock. For members of the Board and key members of management, such restricted stock cannot be sold until 90 days after termination of service with the Company, or until the individual achieves the targeted ownership under the Company’s stock ownership guidelines, and only to the extent that such ownership level exceeds the target. Compensation expense is recognized over the respective vesting periods.

Historically, the Board of the Company has approved annual Long Term Incentive Plans (“LTIP”), which cover two year periods and are primarily based upon the achievement of an Adjusted EBITDA range for the two-year period. At the time of the award, the individual plans entitle the participants to receive cash or RSUs, or a combination of both as determined by the Company’s Board. The 2016/2017, 2017/2018, 2018/2019 and 2019/2020 LTIP also awarded RSUs which vest over the course of three years from the anniversary of the establishment of the plan and are not subject to a performance metric. The Company assesses the likelihood of meeting the Adjusted EBITDA financial metric on a quarterly basis and adjusts compensation expense to match expectations. Any related liability is reflected in the line item “Accrued expenses” on the Condensed Consolidated Balance Sheets and any RSU commitment is reflected in the line item “Additional paid-in capital” on the Condensed Consolidated Balance Sheets.

On May 18, 2018, the Company granted RSUs under the 2019/2020 LTIP with a grant date fair value of \$17.86 that vest as follows (amounts in thousands):

| | Shares |
|-------------------------------------|--------|
| May 18, 2019 | 63 |
| May 18, 2020 | 138 |
| May 18, 2021 | 140 |
| Total shares granted ⁽¹⁾ | 341 |

⁽¹⁾ RSUs granted include a performance component. Therefore the granted shares shown above are an estimate based upon current performance expectations. The final number of shares granted depends on the achievement of performance metrics.

The following is the vesting schedule of RSUs under each respective LTIP, which vested during the six months ended September 30, 2018 (shares in thousands):

| | 2018/2019 | 2017/2018 | 2016/2017 |
|--------------------------------|-----------|-----------|-----------|
| Time-based award vested | 72 | 198 | 191 |
| Performance-based award vested | — | — | 173 |

Restricted stock activity, excluding the LTIP activity discussed above, for the six months ended September 30, 2018 is as follows (amounts in thousands except fair value):

| | Shares | Weighted-average Fair Value on Grant Date |
|---|--------|---|
| Non-vested restricted stock at March 31, 2018 | 1,405 | \$ 9.82 |
| Granted | 83 | 25.13 |
| Vested | (507) | 13.66 |
| Forfeited | (11) | 6.84 |
| Non-vested restricted stock at September 30, 2018 | 970 | \$ 9.16 |

Vested shares include the acceleration of 275,000 shares related to the April 18, 2018 Amended and Restated Employment Agreement for Per-Olof Loof, Chief Executive Officer, which amends and restates Mr. Loof's prior employment agreement with the Company dated June 29, 2015. Upon the signing of the Amended and Restated Employment Agreement, certain RSUs previously granted to Mr. Loof on June 29, 2015, totaling 175,000 shares, and on September 6, 2017, totaling 100,000 shares, both of which were scheduled to vest over time, became fully vested. Incremental compensation cost resulting from the modification totaled \$1.7 million.

The compensation expense associated with stock-based compensation for the three months ended September 30, 2018 and 2017 is recorded on the Condensed Consolidated Statements of Operations as follows (amounts in thousands):

| | Three Months Ended September 30, 2018 | | Three Months Ended September 30, 2017 | |
|--|--|----------|---|--------|
| | Restricted Stock Options | LTIPs | Restricted Stock Options | LTIPs |
| Cost of sales | \$ 351 | \$ 335 | \$ 174 | \$ 168 |
| Selling, general and administrative expenses | 2,807 | 840 | 726 | 416 |
| Research and development | 17 | 67 | 10 | 36 |
| Total | \$ 3,175 | \$ 1,242 | \$ 910 | \$ 620 |

The compensation expense associated with stock-based compensation for the six months ended September 30, 2018 and 2017 is recorded on the Condensed Consolidated Statements of Operations as follows (amounts in thousands):

| | Six Months Ended September 30, 2018 | | Six Months Ended September 30, 2017 | |
|--|--|----------|--|----------|
| | Restricted Stock Options | LTIPs | Restricted Stock Options | LTIPs |
| Cost of sales | \$ 701 | \$ 574 | \$ 338 | \$ 314 |
| Selling, general and administrative expenses | 5,688 | 1,361 | 1,083 | 804 |
| Research and development | 32 | 121 | 19 | 73 |
| Total | \$ 6,421 | \$ 2,056 | \$ 1,440 | \$ 1,191 |

In the “Operating activities” section of the Condensed Consolidated Statements of Cash Flows, stock-based compensation expense was treated as an adjustment to Net income (loss) for the six months ended September 30, 2018, and 2017. There were 71,300 stock options exercised in the six months ended September 30, 2018 and 644,795 stock options were exercised in the six months ended September 30, 2017.

Note 11. Income Taxes

During the quarter ended September 30, 2018, the Company recognized \$2.0 million of income tax expense, solely comprised of \$2.0 million of income tax expense related to foreign operations. The \$2.0 million of income tax expense related to foreign operations includes a \$1.2 million expense related to the final settlement of an uncertain tax position. During the six months ended September 30, 2018, the Company recognized \$6.6 million of income tax expense, comprised of \$6.7 million of income tax expense related to foreign operations and \$0.2 million of federal income tax expense, offset by \$0.3 million of state income tax benefit. The \$6.7 million of income tax expense related to foreign operations includes a \$0.3 million expense related to the settlement of an uncertain tax position. During the quarter ended September 30, 2017, the Company recognized \$2.9 million of income tax expense comprised of \$2.7 million of income tax expense related to foreign operations, \$0.1 million of federal income tax expense, and \$0.1 million of state income tax expense. During the six months ended September 30, 2017, the Company recognized \$4.0 million of income tax expense, comprised of \$3.6 million of income tax expense related to foreign operations, \$0.2 million of federal income tax expense, and \$0.2 million of state income tax expense. The effective tax rates differ from income taxes recorded using a statutory rate largely due to the relative mix in earnings and losses in various tax jurisdictions and the usage of the net operating losses and reversal of associated valuation allowances previously recorded on the deferred tax assets.

Tax Cuts and Jobs Act

The Tax Cuts and Jobs Act (the “Act”) was enacted on December 22, 2017. The Act reduces the US federal corporate tax rate from 35% to 21%, requires companies to pay a one-time transition tax on earnings of certain foreign subsidiaries that were previously tax deferred, and creates new taxes on certain foreign-sourced earnings.

The Company is applying the guidance in SAB 118 when accounting for the enactment-date effects of the Act. At September 30, 2018, the Company has not completed its accounting for all of the tax effects of the Act. In certain cases, as described below, the Company has made a reasonable estimate of certain effects of the Act. In other cases,

the Company has not been able to make a reasonable estimate and continues to account for those items based on its existing accounting under

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ASC 740, Income Taxes, and the provisions of the tax laws that were in effect immediately prior to enactment. In all cases, the Company will continue to make and refine its calculations as additional analysis is completed. The Company's estimates may also be affected as it gains a more thorough understanding of the tax law. These changes could be material to income tax expense.

The Company has initially determined a \$0.8 million tax benefit impact related to the US federal corporate tax rate change to its existing deferred tax balances, which was included as a component of income tax expense for fiscal year 2018. The Company estimates no tax impact from the estimated transition tax repatriation charge of \$75.3 million due to net operating loss utilization and a valuation allowance in the U.S. There is no impact to foreign locations. The Company is working to finalize the calculation for the one-time transition tax and in the interim we will continue to account for this item based on its existing accounting under ASC 740, Income Taxes.

Certain provisions of the Act did not impact the Company until the current fiscal year. These provisions include, but are not limited to, the base erosion anti-abuse tax ("BEAT"), the provision designed to tax global intangible low-taxed income ("GILTI"), the foreign-derived intangible income ("FDII") provision, and the provision designed to limit interest expense deductions. Given the complexity of the new provisions, the Company continues to evaluate the impact the Act will have on the Condensed Consolidated Financial Statements.

The Company has made sufficient progress in its calculations related to BEAT to reasonably estimate the effect on its estimated annual effective tax rate for the 2019 fiscal year. This adjustment increased the annual effective tax rate by 0.5% and will be further evaluated in future interim periods. However, the Company is still evaluating the effects of GILTI, FDII, and the provision designed to limit interest expense deductions, and the Company is not able to quantify the impact on the Condensed Consolidated Financial Statements at this time. In addition, FASB Staff Q&A, Topic 740, No. 5, Accounting for GILTI, states that an entity can make an accounting policy election to either treat taxes due on the GILTI as a current period expense or factor such amounts into the measurement of its deferred taxes. Given the complexity of the GILTI provisions, the Company is still evaluating and has not yet determined its accounting policy.

Note 12. Basic and Diluted Net Income (Loss) Per Common Share

The following table presents basic earnings per share ("EPS") and diluted EPS (amounts in thousands, except per share data):

| | Three Months Ended September 30, | | Six Months Ended September 30, | |
|--|--|----------|-----------------------------------|-----------|
| | 2018 | 2017 | 2018 | 2017 |
| Numerator: | | | | |
| Net income (loss) ⁽¹⁾ | \$37,141 | \$12,819 | \$72,361 | \$233,258 |
| Denominator: | | | | |
| Weighted-average shares outstanding: | | | | |
| Basic | 57,799 | 49,819 | 57,570 | 48,607 |
| Assumed conversion of employee stock grants | 1,398 | 2,284 | 1,549 | 2,489 |
| Assumed conversion of warrants | — | 6,306 | — | 7,040 |
| Diluted | 59,197 | 58,409 | 59,119 | 58,136 |
| Net income (loss) per basic share | \$0.64 | \$0.26 | \$1.26 | \$4.80 |
| Net income (loss) per diluted share ⁽²⁾ | \$0.63 | \$0.22 | \$1.22 | \$4.01 |

⁽¹⁾ Three and six months ended September 30, 2017 adjusted due to the adoption of ASC 606.

⁽²⁾ Six months ended September 30, 2017 adjusted due to the adoption of ASC 606.

Common stock equivalents that could potentially dilute net income (loss) per basic share in the future, but were not included in the computation of diluted earnings per share because the impact would have been anti-dilutive, are as follows (amounts in thousands):

| | Three Months Ended September 30, 2018 | Six Months Ended September 30, 2017 |
|---|--|--|
| Assumed conversion of employee stock grants | —121 | — 97 |

Note 13: Derivatives

The Company uses certain derivative instruments (i.e., foreign exchange contracts) to reduce exposure to the volatility of foreign currencies impacting revenues and the costs of its products.

Certain operating expenses at the Company's Mexican facilities are paid in Mexican Pesos. In order to hedge a portion of these forecasted cash flows, the Company purchases foreign exchange contracts, with terms generally less than twelve months, to buy Mexican Pesos for periods and amounts consistent with underlying cash flow exposures. These contracts are designated as cash flow hedges at inception and monitored for effectiveness on a routine basis. The notional value of outstanding Peso contracts was \$71.3 million and \$70.6 million as of September 30, 2018 and March 31, 2018, respectively.

The Company formally documents all relationships between hedging instruments and hedged items, as well as risk management objectives and strategies for undertaking various hedge transactions.

The Company records and presents the fair values of all of its derivative assets and liabilities in the Condensed Consolidated Balance Sheets on a net basis, since they are subject to master netting agreements. If the Company were to account for the asset and liability balances of its forward foreign currency exchange contracts on a gross basis, the amounts presented in the Condensed Consolidated Balance Sheets would be adjusted from the current net presentation to the gross amounts as detailed in the following table.

The balance sheet classifications and fair value of derivative instruments as of September 30, 2018 and March 31, 2018 are as follows (amounts in thousands):

| | Fair Value of Derivative Instruments ⁽¹⁾ | | | | | |
|----------------------------------|---|--------|---------|------------------------|--------|----------|
| | September 30, 2018 | | | March 31, 2018 | | |
| | As Presented (1) | Offset | Gross | As Presented (1) | Offset | Gross |
| Prepaid and other current assets | \$1,903 | \$ 30 | \$1,933 | \$1,154 | \$ — | —\$1,154 |
| Accrued expenses | — | (30) | (30) | — | — | — |
| | \$1,903 | \$ — | \$1,903 | \$1,154 | \$ — | —\$1,154 |

⁽¹⁾ Fair Value measured using Level 2 inputs by adjusting the market spot rate by forward points, based on the date of the contract. The spot rates and forward points used are based on an average rate from an actively traded market. Amounts reclassified from AOCI to earnings on the Condensed Consolidated Statement of Operations for the three and six months ended September 30, 2018 and 2017 are as follows (amounts in thousands):

| | Three Months Ended September 30, 2018 | | Six Months Ended September 30, 2017 | |
|-------------------------------|--|-----|---|-----|
| Net Sales | \$— | \$— | \$— | \$— |
| Operating costs and expenses: | | | | |

| | | | | |
|------------------------------------|-----------|---------|---------|-------|
| Cost of sales | (1,089) | 1,104 | (446) | 45 |
| Total operating costs and expenses | (1,089) | 1,104 | (446) | 45 |
| Operating income (loss) | \$(1,089) | \$1,104 | \$(446) | \$ 45 |

Unrealized gains and losses associated with the change in fair value of these financial instruments are recorded in AOCI. Changes in the derivatives' fair values are deferred and recorded as a component of AOCI until the underlying transaction is settled and recorded to the Statement of Operations. When the hedged item affects income, gains or losses are reclassified from AOCI to the Condensed Consolidated Statement of Operations as Cost of sales for foreign exchange contracts to purchase such foreign currency. Any ineffectiveness, if material, in the Company's hedging relationships is recognized

immediately as a loss within the same income statement accounts as described above; to date, there has not been any ineffectiveness. Changes in derivative balances impact the line items “Prepaid expenses and other current assets” and “Accrued expenses” on the Condensed Consolidated Balance Sheets and Statements of Cash Flows.

Note 14. Concentrations of Risks

The Company sells to customers globally. Credit evaluations of its customers’ financial condition are performed periodically, and the Company generally does not require collateral from its customers. One customer, TTI, Inc., an electronics distributor, accounted for over 10% of the Company’s net sales for the three and six months ended September 30, 2018 and 2017. There were no accounts receivable balances from any customer exceeding 10% of gross accounts receivable as of September 30, 2018 and March 31, 2018.

Electronics distributors are an important channel in the electronics industry and accounted for 41.4% and 35.6% of the Company's net sales for the three months ended September 30, 2018 and 2017, respectively, and 41.5% and 38.6% for the six months ended September 30, 2018 and 2017, respectively. As a result of the Company’s concentration of sales to electronics distributors, the Company may experience fluctuations in the Company’s operating results as electronics distributors experience fluctuations in end-market demand and/or adjust their inventory stocking levels.

Legal Update

In July 2013, TOKIN was named as one of eight defendants in two purported U.S. class action antitrust lawsuits (In Re: Lithium Ion Batteries Antitrust Litigation, 13-MD-02420-YGR, United States District Court, Northern District of California) (the “Battery Class Action Suits”) regarding the sale of lithium ion batteries brought on behalf of direct product purchasers and indirect product purchasers. On March 2, 2018, TOKIN entered into a settlement agreement, which, subject to court approval, provides for the release of TOKIN and its subsidiaries from claims asserted in the Battery Class Action Suits, in consideration of which, TOKIN agreed to pay \$2.0 million to the settlement class of indirect product purchasers. On May 16, 2018, the Court granted final approval to a settlement agreement by which, in consideration of the release of TOKIN and its subsidiaries from claims asserted in the Battery Class Action Suits, TOKIN agreed to pay \$4.95 million to the settlement class of direct product purchasers. TOKIN had paid the settlement amount for the settlement class of direct product purchasers on January 18, 2018, prior to receiving the final court approval.

Beginning in March 2014, TOKIN and certain of its subsidiaries received inquiries, requests for information and other communications from government authorities in China, the United States, the European Commission, Japan, South Korea, Taiwan, Singapore and Brazil concerning alleged anti-competitive activities within the capacitor industry. On September 2, 2015, the United States Department of Justice announced a plea agreement with TOKIN in which TOKIN agreed to plead guilty to a one-count felony charge of unreasonable restraint of interstate and foreign trade and commerce in violation of Section 1 of the Sherman Act, and to pay a criminal fine of \$13.8 million. The plea agreement was approved by the United States District Court, Northern District of California, on January 21, 2016. The fine is payable over five years in six installments of \$2.3 million each, plus accrued interest. The first three payments were made in February 2016, January 2017 and January 2018, while the next payment is due in January 2019.

On December 9, 2015, the Taiwan Fair Trade Commission (“TFTC”) publicly announced that TOKIN would be fined 1.2 billion New Taiwan dollars (“NTD”) (approximately USD \$39.9 million) for violations of the Taiwan Fair Trade Act. Subsequently, the TFTC has reduced the fine to NTD 609.1 million (approximately USD \$19.9 million). In February 2016, TOKIN commenced an administrative suit in Taiwan, challenging the validity of the amount of the fine. On August 23, 2018, the Taipei High Administrative Court revoked the TFTC decision, finding that the decision had been time-barred by applicable statute. On September 21, 2018, the TFTC filed an appeal against the High Administrative Court’s decision.

On March 29, 2016, the Japan Fair Trade Commission published an order by which TOKIN was fined JPY 127.2 million (approximately USD \$1.1 million) for violation of the Japanese Antimonopoly Act. Payment of the fine was made on October 31, 2016.

On July 15, 2016, TOKIN entered into definitive settlement agreements in two antitrust suits filed with the United States District Court, Northern District of California as In re: Capacitors Antitrust Litigation, No. 3:14-cv-03264-JD (the “Capacitor Class Action Suits”). Pursuant to the terms of the settlement, in consideration of the release of TOKIN

and its subsidiaries (including TOKIN America, Inc.) from claims asserted in the Capacitor Class Action Suits, TOKIN will pay an aggregate \$37.3 million to a settlement class of direct purchasers of capacitors and a settlement class of indirect purchasers of capacitors. Each of the respective class payments is payable in five installments, three of which have been paid on or before

their respective due dates of July 29, 2016, May 15, 2017, and May 15, 2018. The fourth payment is due May 15, 2019 and the final payment is due by December 31, 2019.

On July 27, 2016, Brazil's Administrative Council for Economic Defense approved a cease and desist agreement with TOKIN in which TOKIN made a financial contribution of Brazilian Real 0.6 million (approximately USD \$0.2 million) to Brazil's Fund for Defense of Diffuse Rights.

On March 21, 2018, the European Commission announced a decision by which TOKIN was fined EUR 8.8 million directly (approximately USD \$10.3 million) and EUR 5.0 million (approximately USD \$5.9 million) jointly and severally with NEC Corporation, for violation of the competition laws of the European Union. Payment of the fines were made on June 28, 2018. On June 4, 2018, TOKIN filed an appeal with the General Court of the European Union, seeking annulment and/or reduction of the fines.

On May 30, 2018, TOKIN entered into a definitive settlement agreement, subject to court approval, with the plaintiffs in the Canadian Complaints (as defined in "Item 3. Legal Proceedings" of the Company's 2018 Form 10-K). Pursuant to the terms of the settlement, in consideration of the release of TOKIN and its subsidiaries (including TOKIN America, Inc.) from claims asserted in the Canadian Complaints, TOKIN paid CAD 2.9 million (approximately USD \$2.2 million) to a settlement class of purchasers of aluminum and tantalum electrolytic capacitors and purchasers of products containing such capacitors. The settlement payment was made on June 27, 2018.

On July 2, 2018, TOKIN and TOKIN America Inc. were named as two of 20 defendants in a purported U.S. class action antitrust lawsuit, In re: Inductors Antitrust Litigation, No. 5:18-cv-00198-EJD-NC, filed in the United States District Court, Northern District of California, regarding the sale of inductors brought on behalf of direct product purchasers and indirect product purchasers. The complaint alleges violations of Sections 1 and 3 of the Sherman Act, for which it seeks injunctive and equitable relief and money damages.

On September 16, 2018, the Korean Fair Trade Commission ("KFTC") announced its decision to impose an administrative fine on TOKIN for violation of South Korea's Monopoly Regulation and Fair Trade Law. Although the final amount of the fine has not been officially announced, based on communications with the KFTC, TOKIN expects the amount of the fine to be KRW 8.2 billion (approximately USD \$7.3 million). The KFTC is required to provide TOKIN with its final written decision, which is expected within 40 days of the announcement date. TOKIN can appeal the KFTC's decision to the Seoul High Court within 30 days of TOKIN's receipt of the KFTC's final decision. TOKIN will be required to pay the fine within 60 days of its receipt of the KFTC's final decision, even if the decision is appealed.

The remaining governmental investigations are continuing at various stages. As of September 30, 2018, TOKIN's accrual for antitrust and civil litigation claims totaled \$51.8 million which is stated in the following line items, "Account payable" (\$10.0 million), "Accrued expenses" (\$19.2 million) and "Other non-current obligations" (\$22.6 million) on the Condensed Consolidated Balance Sheets. This amount includes the best estimate of losses which may result from the ongoing antitrust investigations, civil litigation and claims. However, the actual outcomes could differ from what has been accrued. Additionally, under the terms of the TOKIN Purchase Agreement, KEMET will be responsible for defending all suits brought against TOKIN, paying all expenses and satisfying all judgments to the extent incurred by or rendered against TOKIN arising out of or related the capacitor antitrust investigations and related litigation described above.

Note 15. Subsequent Events

Long-term debt

On October 29, 2018, TOKIN entered into a JPY 33.0 billion (approximately \$296.0 million) Term Loan Agreement (the "Term Loan Facility") by and among TOKIN, the lenders party thereto (the "Lenders") and Sumitomo Mitsui Trust Bank, Limited in its capacity as agent (the "Agent"), arranger and Lender. The Company expects the closing and funding of the new Term Loan Facility, which is subject to customary terms and conditions, to occur on or around November 7, 2018.

The proceeds from the new Term Loan Facility will be used by TOKIN to make intercompany loans to the Company. The Company will use the proceeds of the loans from TOKIN, together with other cash on hand, to prepay in full all of the outstanding amounts under the Company's existing Term Loan Credit Agreement, by and among the Company, KEC, the lenders party thereto and Bank of America, N.A., as administrative agent and collateral agent, and to pay related fees, costs and expenses (including a prepayment penalty of 1%). The Company currently has approximately \$323.4 million outstanding under the existing Term Loan Credit Agreement. The new Term Loan Facility consists of (i) a JPY 16.5 billion (approximately \$148.0 million) Term Loan A tranche (the "Term Loan A") and (ii) a JPY 16.5 billion (approximately \$148.0 million) Term Loan B tranche (the "Term Loan B" and, together with the Term Loan A, collectively, the "Term Loans"). Principal payments

under Term Loan A are required semi-annually, in the amount of JPY 1.4 billion (approximately \$12.3 million), while the principal of Term Loan B is due in one payment at maturity. Interest payments are due semi-annually on the Term Loans, with the interest rate based on a margin over the six-month TIBOR. The applicable margin for Term Loan A is 2.00% and for Term Loan B is 2.25%. The new Term Loans mature on September 30, 2024. KEMET and certain subsidiaries of TOKIN will be providing guarantees of the obligations under the Term Loan Facility, which will also be secured by certain assets, properties and equity interests of TOKIN and its material subsidiaries. The Term Loan Agreement contains customary covenants applicable to both the Company and to TOKIN, including maintenance of a consolidated leverage ratio, the absence of two consecutive years of operating losses and the maintenance of certain required levels of net assets. The Term Loan Agreement also contains customary events of default. TOKIN may prepay the Term Loans at any time, subject to certain notice requirements and reimbursement of loan breakage costs.

The Company is expected to recognize a \$15.8 million loss on the debt extinguishment.

In connection with the closing of the new Term Loan Facility, KEMET also entered into Amendment No. 10 to Loan and Security Agreement, Waiver and Consent, dated as of October 29, 2018 (the "Revolver Amendment"), by and among KEMET, KEC, the other borrowers named therein, the financial institutions party thereto as lenders and Bank of America, N.A., a national banking association, as agent for the lenders. The Revolver Amendment provides KEMET with, among other things, increased flexibility for certain restricted payments (including dividends), and also releases certain pledges to allow the Company to complete the refinancing. The revolving credit facility is currently undrawn.

Dividend Plan

On October 30, 2018, the Company announced its intention to pay a quarterly dividend of \$0.05 per share on its common stock, representing a planned annual dividend of \$0.20 per share. The initial dividend will be payable on November 26, 2018 to shareholders of record as of November 16, 2018. Future dividends will be subject to the determination, declaration, and discretion of the Company's Board, as well as compliance with the Company's existing credit facilities. As of September 30, 2018, the Company had 57.4 million shares of common stock outstanding.

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

This report contains certain statements that are forward-looking within the meaning of the Private Securities Litigation Reform Act of 1995. These statements are not guarantees of future performance and involve certain risks, uncertainties and assumptions that are difficult to predict. Actual outcomes and results may differ materially from those expressed in, or implied by, our forward-looking statements. Words such as "expects," "anticipates," "believes," "estimates" or other similar expressions and future or conditional verbs such as "will," "should," "would" and "could" are intended to identify such forward-looking statements. Readers of this report should not rely solely on the forward-looking statements and should consider all uncertainties and risks throughout this report, as well as those discussed under Part I, Item 1A Risk Factors, of the Company's 2018 Annual Report. The statements are representative only as of the date they are made, and we undertake no obligation to update any forward-looking statement.

All forward-looking statements, by their nature, are subject to risks and uncertainties. Our actual future results may differ materially from those set forth in our forward-looking statements. We face risks that are inherent in the businesses and the market places in which we operate. While management believes these forward-looking statements are accurate and reasonable, uncertainties, risks and factors, including those described below, could cause actual results to differ materially from those reflected in the forward-looking statements.

Factors that may cause actual outcomes and results to differ materially from those expressed in, or implied by, these forward-looking statements include, but are not necessarily limited to, the following: (i) adverse economic conditions could impact our ability to realize operating plans if the demand for our products declines, and such conditions could adversely affect our liquidity and ability to continue to operate and could cause a write down of long-lived assets or goodwill; (ii) an increase in the cost or a decrease in the availability of our principal or single-sourced purchased raw materials; (iii) changes in the competitive environment; (iv) uncertainty of the timing of customer product qualifications in heavily regulated industries; (v) economic, political, or regulatory changes in the countries in which we operate; (vi) difficulties, delays, or unexpected costs in completing the Company's restructuring plans; (vii) acquisitions and other strategic transactions expose us to a variety of risks, including the ability to successfully integrate and maintain adequate internal controls over financial reporting in compliance with applicable regulations; (viii) our acquisition of TOKIN Corporation may not achieve all of the anticipated results; (ix) our business could be negatively impacted by increased regulatory scrutiny and litigation; (x) difficulties associated with retaining, attracting, and training effective employees and management; (xi) the need to develop innovative products to maintain customer relationships and offset potential price erosion in older products; (xii) exposure to claims alleging product defects; (xiii) the impact of laws and regulations that apply to our business, including those relating to environmental matters, data protection, cyber security, and privacy; (xiv) the impact of international laws relating to trade, export controls and foreign corrupt practices; (xv) changes impacting international trade and corporate tax provisions related to the global manufacturing and sales of our products may have an adverse effect on our financial condition and results of operations; (xvi) volatility of financial and credit markets affecting our access to capital; (xvii) the need to reduce the total costs of our products to remain competitive; (xviii) potential limitation on the use of net operating losses to offset possible future taxable income; (xix) restrictions in our debt agreements that could limit our flexibility in operating our business; (xx) disruption to our information technology systems to function properly or control unauthorized access to our systems may cause business disruptions; (xxi) economic and demographic experience for pension and other post-retirement benefit plans could be less favorable than our assumptions; (xxii) fluctuation in distributor sales could adversely affect our results of operations; (xxiii) earthquakes and other natural disasters could disrupt our operations and have a material adverse effect on our financial condition and results of operations; and (xxiv) volatility in our stock price.

Additional risks and uncertainties not presently known to us or that we currently deem immaterial also may impair our business operations and could cause actual results to differ materially from those included, contemplated or implied by the forward-looking statements made in this report, and the reader should not consider the above list of factors to be a complete set of all potential risks or uncertainties.

Accounting Policies and Estimates

The following discussion and analysis of financial condition and results of operations are based on the unaudited Condensed Consolidated Financial Statements included herein. Our significant accounting policies are described in

Note 1 to the Condensed Consolidated Financial Statements in our 2018 Form 10-K. Our critical accounting policies are described under the caption “Critical Accounting Policies” in Item 7 of our 2018 Form 10-K.

The preparation of financial statements in conformity with U.S. generally accepted accounting principles (“U.S. GAAP”) requires management to make estimates, assumptions, and judgments based on historical data and other assumptions that management believes are reasonable. These estimates and assumptions affect the reported amounts of assets and liabilities and the disclosure of contingent assets and liabilities at the date of the financial statements. In addition, they affect the reported amounts of revenues and expenses during the reporting period.

Our judgments are based on management's assessment as to the effect certain estimates, assumptions, future trends or events may have on the financial condition and results of operations reported in the unaudited Condensed Consolidated Financial Statements. It is important that readers of these unaudited financial statements understand that actual results could differ from these estimates, assumptions, and judgments.

Business Overview

KEMET is a leading global manufacturer of a wide variety of capacitors, and Electro-magnetic compatible ("EMC") devices, sensors and actuators. With respect to capacitors, we compete in the passive electronic component industry, specifically multilayer ceramic, tantalum, film and aluminum (solid & electrolytic) capacitors. Product offerings include surface mount capacitors, which are attached directly to the circuit board; leaded capacitors, which are attached to the circuit board using lead wires; and chassis-mount and other pin-through-hole board-mount capacitors, which utilize attachment methods such as screw terminal and snap-in.

Capacitors are electronic components that store, filter, and regulate electrical energy and current flow. As an essential passive component used in nearly all circuit boards, capacitors are typically used for coupling, decoupling, filtering, oscillating and wave shaping and are used in communication systems, servers, personal computers, tablets, cellular phones, automotive electronic systems, defense and aerospace systems, consumer electronics, power management systems and many other electronic devices and systems (basically anything that plugs in or has a battery).

KEMET's capacitor product line consists of many distinct part configurations distinguished by various attributes, such as dielectric (or insulating) material, configuration, encapsulation, capacitance (at various tolerances), voltage, performance characteristics and packaging. Most of our customers have multiple capacitance requirements, often within each of their products. Our broad product offering allows us to meet the majority of those needs independent of application and end use.

Our EMC business offers a broad line of electrical noise management products. As circuits become more complex within a device, and the amount of information being communicated between devices increases at a dramatic rate, the quality of electronic signals becomes key to the integrity of the information being communicated. TOKIN EMC products play a key role in maintaining signal integrity across a number of end markets including telecommunications, mobile computing, automotive and general industries. The sensor and actuator business manufactures products that sense and respond to human activity, physical vibration, and electric current. These products are found in home appliances, consumer devices and industrial electrical equipment. In addition, electromechanical actuation devices that are critical to the manufacture of semiconductor devices and the management of industrial and chemical gas flow. Sensors are an important family of devices as the "internet-of-things" continues to permeate everyday life.

KEMET operates twenty-four production facilities in Europe, North America, and Asia, and employs approximately 14,900 employees worldwide. Commodity manufacturing previously located in the United States has been substantially relocated to our lower-cost manufacturing facilities in Mexico, China and countries in Europe. We also have low cost manufacturing facilities located in Vietnam, Indonesia, and Thailand. Production remaining in the United States focuses primarily on early-stage manufacturing of new products and other specialty products for which customers are predominantly located in North America.

Our products are sold into a wide range of different end markets, including computing, industrial, telecommunications, transportation, consumer, defense and healthcare across all geographic regions. No single end market industry accounted for more than 30% of net sales, although one electronics distributor, TTI, Inc., accounted for more than 10% of net sales in the six months ended September 30, 2018. In addition, an aggregate of over 10% of our net sales in the six months ended September 30, 2018 were driven by sales to electronic manufacturing services providers ("EMS") for incorporation into Apple Inc. products. No single end-use direct customer accounted for more than 5% of our net sales for the six months ended September 30, 2018. During the six months ended September 30, 2018 we introduced 16,775 new products of which 142 were first to market. In addition, we continue to focus on specialty products which accounted for 39.3% of our revenue over this period.

We believe the long-term demand for the various types of capacitors we offer will grow on a regional and global basis due to a variety of factors, including increasing demand for and complexity of electronic products, growing demand for technology in emerging markets and the ongoing development of new solutions for energy generation and conservation.

We are organized into three segments: Solid Capacitor segment (“Solid Capacitors”), Film and Electrolytic segment (“Film and Electrolytic”) and Electro-magnetic, Sensors & Actuators (“MSA”). Each segment is responsible for the operations of certain manufacturing sites as well as all related research and development efforts. The sales, marketing and corporate functions are shared by each of the segments.

The Company does not allocate corporate indirect selling, general and administrative (“SG&A”) or shared Research and development (“R&D”) expenses to the segments. Results for the first quarter of fiscal year 2018 have been reclassified to

conform to the current period presentation where certain regional SG&A amounts have been allocated to certain segments, and also a portion of the allocation within the segments was allocated to cost of sales.

Recent Developments and Trends

The following items are reflected in the financial statements for the three and six months ended September 30, 2018:
TOKIN

On April 19, 2017, the Company completed its acquisition of TOKIN, which at that time it became a 100% owned indirect subsidiary of KEMET. As such, the results for the six months ended September 30, 2017 do not include TOKIN's sales and expenses for the 19 days prior to the date of acquisition. For further information on the acquisition of TOKIN, refer to Note 2, "Acquisitions."

Tax Cuts and Jobs Act

The Tax Cuts and Jobs Act (the "Act") was enacted on December 22, 2017. The Act reduces the US federal corporate tax rate from 35% to 21%, requires companies to pay a one-time transition tax on earnings of certain foreign subsidiaries that were previously tax deferred, and creates new taxes on certain foreign-sourced earnings.

The Company is applying the guidance in SAB 118 when accounting for the enactment-date effects of the Act. At September 30, 2018, the Company has not completed its accounting for all of the tax effects of the Act. In certain cases, as described below, the Company has made a reasonable estimate of certain effects of the Act. In other cases, the Company has not been able to make a reasonable estimate and continues to account for those items based on its existing accounting under ASC 740, Income Taxes, and the provisions of the tax laws that were in effect immediately prior to enactment. In all cases, the Company will continue to make and refine its calculations as additional analysis is completed. The Company's estimates may also be affected as it gains a more thorough understanding of the tax law. These changes could be material to income tax expense.

The Company has initially determined a \$0.8 million tax benefit impact related to the US federal corporate tax rate change to its existing deferred tax balances, which was included as a component of income tax expense for fiscal year 2018. The Company estimates no tax impact from the estimated transition tax repatriation charge of \$75.3 million due to net operating loss utilization and a valuation allowance in the U.S. There is no impact to foreign locations. The Company is working to finalize the calculation for the one-time transition tax and in the interim, we will continue to account for this item based on its existing accounting under ASC 740, Income Taxes.

Certain provisions of the Act did not impact the Company until the current fiscal year. These provisions include, but are not limited to, the base erosion anti-abuse tax ("BEAT"), the provision designed to tax global intangible low-taxed income ("GILTI"), the foreign-derived intangible income ("FDII") provision, and the provision designed to limit interest expense deductions. Given the complexity of the new provisions, the Company continues to evaluate the impact the Act will have on the Condensed Consolidated Financial Statements.

The Company has made sufficient progress in its calculations related to BEAT to reasonably estimate the effect on its estimated annual effective tax rate for the 2019 fiscal year. This adjustment increased the annual effective tax rate by 0.5% and will be further evaluated in future interim periods. However, the Company is still evaluating the effects of GILTI, FDII, and the provision designed to limit interest expense deductions, and the Company is not able to quantify the impact on the Condensed Consolidated Financial Statements at this time. In addition, FASB Staff Q&A, Topic 740, No. 5, Accounting for GILTI, states that an entity can make an accounting policy election to either treat taxes due on the GILTI as a current period expense or factor such amounts into the measurement of its deferred taxes. Given the complexity of the GILTI provisions, the Company is still evaluating and has not yet determined its accounting policy.

Tariffs

On July 6, 2018, the United States federal government imposed tariffs according to Section 301 of the Trade Act, on particular products that are imported into the United States from China. The Company primarily imports film, tantalum Polymer, and MSA products into the United States from China. The impact on the Company's future results from these tariffs is expected to be minimal as the Company does not import a significant number of products into the United States from China, and the Company expects to pass the entire cost of the tariffs onto its direct customers and distributors.

Restructuring

The Company has implemented restructuring plans which include programs to increase competitiveness by removing excess capacity, relocating production to lower cost locations, relocating corporate functions to the new headquarters, and eliminating unnecessary costs throughout the Company. Significant restructuring plans which include personnel reduction costs during the three months ended September 30, 2018 are summarized below (amounts in thousands):

| Restructuring Plan | Segment | Total expected to be incurred | | Incurred during quarter ended September 30, 2018 | | Cumulative incurred to date | |
|--|------------------|-------------------------------|-------------------------|--|-------------------------|-----------------------------|-------------------------|
| | | Personnel Reduction Costs | Relocation & Exit Costs | Personnel Reduction Costs | Relocation & Exit Costs | Personnel Reduction Costs | Relocation & Exit Costs |
| US overhead function relocation to Fort Lauderdale, FL | Corporate | \$2,655 | \$ 909 | \$ - | \$ - | —\$2,655 | \$ 909 |
| Tantalum powder facility relocation | Solid Capacitors | \$897 | \$ 2,098 | \$ - | \$ - | —\$— | \$ — |

Outlook

For the third quarter of fiscal year 2019, we expect net sales to be within the \$350.0 million to \$360.0 million range, gross margin as a percentage of net sales is expected to be between 33.5% and 34.5%, SG&A expenses are expected to be between \$45.0 million and \$50.0 million, R&D expenses are expected to be approximately \$11.0 million to \$12.0 million and income taxes are forecasted to be between \$3.0 million and \$3.5 million. We expect to spend in the range of \$25.0 million to \$35.0 million in capital expenditures for the third quarter of fiscal year 2019.

CONDENSED CONSOLIDATED RESULTS OF OPERATIONS

Consolidated Comparison of the Quarter Ended September 30, 2018 with the Quarter Ended September 30, 2017
The following table sets forth the Condensed Consolidated Statements of Operations for the periods indicated
(amounts in thousands, except percentages):

| | Three Months Ended September 30, | | | |
|--|----------------------------------|------------------------|-----------|------------------------|
| | 2018 | % to Total Sales | 2017 | % to Total Sales |
| Net sales ⁽¹⁾ | \$349,233 | | \$301,568 | |
| Gross margin ⁽¹⁾ | 113,565 | 32.5 % | 84,904 | 28.2 % |
| Selling, general and administrative expenses | 52,258 | 15.0 % | 42,417 | 14.1 % |
| Research and development ⁽¹⁾ | 10,995 | 3.1 % | 9,536 | 3.2 % |
| Restructuring charges | — | n.m. | 1,393 | 0.5 % |
| (Gain) loss on write down and disposal of long-lived assets | 312 | 0.1 % | (39) | n.m. |
| Operating income (loss) ⁽¹⁾ | 50,000 | 14.3 % | 31,597 | 10.5 % |
| Interest income | (375) | (0.1) % | (95) | n.m. |
| Interest expense | 7,287 | 2.1 % | 7,365 | 2.4 % |
| Acquisition (gain) loss | — | n.m. | (1,285) | (0.4) % |
| Other (income) expense, net | 4,011 | 1.1 % | 10,153 | 3.4 % |
| Income (loss) before income taxes and equity income (loss) from equity method investments ⁽¹⁾ | 39,077 | 11.2 % | 15,459 | 5.1 % |
| Income tax expense (benefit) ⁽¹⁾ | 2,000 | 0.6 % | 2,864 | 0.9 % |
| Income (loss) before equity income (loss) from equity method investments ⁽¹⁾ | 37,077 | 10.6 % | 12,595 | 4.2 % |
| Equity income (loss) from equity method investments | 64 | n.m. | 224 | 0.1 % |
| Net income (loss) ⁽¹⁾ | \$37,141 | 10.6 % | \$12,819 | 4.3 % |

⁽¹⁾ Three months ended September 30, 2017 adjusted due to the adoption of ASC 606, Revenue from Contracts with Customers ("ASC 606"). Refer to Note 1, "Basis of Financial Statement Presentation".

n.m. - not meaningful

Net Sales

Net sales for the quarter ended September 30, 2018 of \$349.2 million increased \$47.7 million or 15.8% from \$301.6 million for the quarter ended September 30, 2017. For the quarter ended September 30, 2018, Solid Capacitors net sales increased \$44.2 million, Film and Electrolytic net sales increased \$2.6 million, and MSA net sales increased \$0.8 million from the quarter ended September 30, 2017.

The increase in Solid Capacitors net sales was primarily driven by a \$31.5 million increase in distributor sales across all regions, a \$7.6 million increase in original equipment manufacturers' ("OEM") sales across all regions, and a \$5.1 million increase in EMS sales across all regions except for the Asia and the Pacific Rim ("APAC") region, which was slightly lower. In addition, Solid Capacitors net sales was favorably impacted by \$0.1 million from foreign currency exchange due to the change in the value of the Euro compared to the U.S. dollar.

For Film and Electrolytic, the increase in net sales was primarily driven by a \$3.1 million increase in distributor sales in the Europe, the Middle East, and Africa ("EMEA") region and a \$1.8 million increase in distributor sales in the North and South America ("Americas") region. These increases were partially offset by a \$2.2 million decrease in OEM sales across all regions, except for the Japan and Korea ("JPKO") region, which was slightly higher. Film and Electrolytic net sales was not significantly impacted by foreign currency exchange during the quarter ended September 30, 2018.

The increase in MSA net sales was primarily driven by a \$0.9 million increase in EMS sales across all regions and a \$0.9 million increase in distributor sales across all regions, except for the APAC region, which was slightly lower.

The

increases in net sales were partially offset by a \$1.0 million decrease in OEM sales across the Americas, APAC, and EMEA regions.

The following table reflects the percentage of net sales by region for the quarters ended September 30, 2018 and 2017:

| | Three Months Ended September 30, 2018 | | 2017 | |
|----------|--|---------|------|--|
| APAC | 39.6 % | 42.6 % | | |
| EMEA | 22.3 % | 22.2 % | | |
| Americas | 23.5 % | 20.4 % | | |
| JPKO | 14.6 % | 14.8 % | | |
| | 100.0 % | 100.0 % | | |

The following table reflects the percentage of net sales by channel for the quarters ended September 30, 2018 and 2017.

| | Three Months Ended September 30, 2018 | | 2017 | |
|-------------|--|---------|------|--|
| OEM | 44.1 % | 49.6 % | | |
| Distributor | 41.4 % | 35.6 % | | |
| EMS | 14.5 % | 14.8 % | | |
| | 100.0 % | 100.0 % | | |

Gross Margin

Gross margin for the quarter ended September 30, 2018 of \$113.6 million (32.5% of net sales) improved \$28.7 million or 33.8% from \$84.9 million (28.2% of net sales) for the quarter ended September 30, 2017, and gross margin as a percentage of net sales improved 430 basis points.

Solid Capacitors gross margin increased \$28.2 million, or 42.4%, primarily due to an increase in net sales, as well as continued variable margin improvement due to our restructuring activities, vertical integration, and manufacturing process improvements resulting from our cost reduction activities.

Film and Electrolytic gross margin increased \$2.7 million, or 77.5%, primarily driven by the increase in net sales, as well as continued margin improvement due to our restructuring activities and manufacturing process improvements resulting from our cost reduction activities.

MSA gross margin decreased \$2.2 million, or 14.9%, primarily due to increased manufacturing unit costs resulting from a decrease in production.

Selling, General and Administrative Expenses (“SG&A”)

SG&A expenses of \$52.3 million (15.0% of net sales) for the quarter ended September 30, 2018 increased \$9.8 million or 23.2% from \$42.4 million (14.1% of net sales) for the quarter ended September 30, 2017. The increase was mainly attributed to a \$6.2 million increase in payroll and related expenses, primarily due to an increase in salaries and incentive-based compensation, a \$1.6 million increase in ERP integration and technology transition costs, a \$1.6 million increase in consulting expenses, and a \$1.4 million increase in office rent and software.

Research and Development (“R&D”)

R&D expenses of \$11.0 million (3.1% of net sales) for the quarter ended September 30, 2018 increased \$1.5 million or 15.3% compared to \$9.5 million (3.2% of net sales) for the quarter ended September 30, 2017. The increase was primarily related to a \$1.0 million increase in payroll and related expenses.

Restructuring Charges

The Company did not incur any restructuring charges for the quarter ended September 30, 2018, compared to \$1.4 million for the quarter ended September 30, 2017.

The Company incurred \$1.4 million of restructuring charges in the quarter ended September 30, 2017 which consisted of \$0.9 million in personnel reduction costs and \$0.5 million in manufacturing relocation and exit costs. The personnel reduction costs of \$0.9 million were due to severance charges across various overhead functions in the Simpsonville, South Carolina office as these functions were relocated to the Company's new corporate headquarters in Fort Lauderdale, Florida.

The manufacturing relocation and exit costs of \$0.5 million primarily consisted of \$0.4 million in expenses related to the relocation of the K-Salt operations to the existing Matamoros, Mexico plant and \$0.1 million in exit costs related to the shut-down of operations for KEMET Foil Manufacturing, LLC ("KFM") in Knoxville, Tennessee.

Operating Income (Loss)

Operating income of \$50.0 million for the quarter ended September 30, 2018 improved \$18.4 million from operating income of \$31.6 million for the quarter ended September 30, 2017. The improvement was primarily attributable to a \$28.7 million improvement in gross margin and a \$1.4 million decrease in restructuring charges. These improvements to operating income were partially offset by a \$9.8 million increase in SG&A expenses, a \$1.5 million increase in R&D expenses, and an unfavorable \$0.4 million change in (gain) loss on write down and disposal of long-lived assets.

Non-Operating (Income) Expense, Net

Non-operating expense, net was \$10.9 million for the quarter ended September 30, 2018 compared to non-operating expense, net of \$16.1 million for the quarter ended September 30, 2017. The \$5.2 million decrease is primarily attributable to a \$3.6 million decrease in TOKIN anti-trust litigation fines for the quarter ended September 30, 2018 versus the quarter ended September 30, 2017, and \$1.7 million favorable change in foreign currency exchange gain (loss), which was primarily due to the change in the value of Chinese Yuan Renminbi, Great Britain Pound, Thai Baht, Mexican Peso, and Japanese Yen compared to the U.S. dollar.

Income Taxes

Income tax expense of \$2.0 million for the quarter ended September 30, 2018 decreased \$0.9 million compared to income tax expense of \$2.9 million for the quarter ended September 30, 2017. Income tax expense of \$2.0 million for the quarter ended September 30, 2018 was comprised solely of \$2.0 million of income tax expense related to foreign operations. The \$2.0 million of income tax expense related to foreign operations includes a \$1.2 million expense related to the final settlement of an uncertain tax position.

Income tax expense of \$2.9 million for the quarter ended September 30, 2017 was comprised of \$2.7 million of income tax expense related to foreign operations, \$0.1 million of federal income tax expense, and \$0.1 million of state income tax expense.

The effective tax rates differ from income taxes recorded using a statutory rate rate largely due to the relative mix in earnings and losses in various tax jurisdictions and the usage of the net operating losses and reversal of associated valuation allowances previously recorded on the deferred tax assets.

Equity Income (Loss) from Equity Method Investments

Equity income of \$0.1 million for the quarter ended September 30, 2018 decreased \$0.1 million compared to equity income of \$0.2 million for the quarter ended September 30, 2017. The decrease is primarily related to equity losses from Novasentis and KEMET Jianghai for the quarter ended September 30, 2018.

Segment Comparison of the Quarter Ended September 30, 2018 with the Quarter Ended September 30, 2017

The following table reflects each segment's net sales and operating income (loss), for the quarters ended September 30, 2018 and 2017 (amounts in thousands):

| | Three Months Ended | |
|--------------------------------------|-----------------------|-----------|
| | September 30, 2018 | 2017 |
| Net sales: | | |
| Solid Capacitors | \$235,473 | \$191,267 |
| Film and Electrolytic ⁽¹⁾ | 50,628 | 47,998 |
| MSA | 63,132 | 62,303 |
| Total | \$349,233 | \$301,568 |
| Operating income (loss): | | |
| Solid Capacitors | \$84,686 | \$56,717 |
| Film and Electrolytic ⁽¹⁾ | 4,236 | 1,263 |
| MSA | 7,132 | 7,765 |
| Corporate | (46,054) | (34,148) |
| Total | \$50,000 | \$31,597 |

⁽¹⁾ Three months ended September 30, 2017 adjusted due to the adoption of ASC 606.

Solid Capacitors

The following table sets forth net sales, operating income (loss), and operating income (loss) as a percentage of net sales for our Solid Capacitors segment for the quarters ended September 30, 2018 and 2017 (amounts in thousands, except percentages):

| | Three Months Ended September 30, | | | |
|--|----------------------------------|----------------|-----------|----------------|
| | 2018 | | 2017 | |
| | Amount | % to Net Sales | Amount | % to Net Sales |
| Tantalum product line net sales | \$148,054 | | \$125,404 | |
| Ceramic product line net sales | 87,419 | | 65,863 | |
| Solid Capacitors net sales | \$235,473 | | \$191,267 | |
| Solid Capacitors operating income (loss) | \$84,686 | 36.0% | \$56,717 | 29.7% |

Net Sales

Solid Capacitors net sales of \$235.5 million for the quarter ended September 30, 2018 increased \$44.2 million or 23.1% from \$191.3 million for the quarter ended September 30, 2017. The increase in net sales was primarily due to a \$31.5 million increase in distributor sales across all regions, a \$7.6 million increase in OEM sales across all regions, and a \$5.1 million increase in EMS sales across all regions except for the APAC region, which was slightly lower. In addition, Solid Capacitors net sales was favorably impacted by \$0.1 million from foreign currency exchange due to the change in the value of the Euro compared to the U.S. dollar.

Segment Operating Income (Loss)

Segment operating income of \$84.7 million for the quarter ended September 30, 2018 increased \$28.0 million or 49.3% from \$56.7 million in the quarter ended September 30, 2017. The increase in operating income was primarily a result of a \$28.2 million increase in gross margin, which was primarily driven by an increase in net sales, as well as continued variable margin improvement due to our restructuring activities, vertical integration, and manufacturing process improvements resulting from our cost reduction activities. Also contributing to the increase in operating income were a \$0.7 million decrease in SG&A expenses and a \$0.4 million decrease in restructuring charges. Partially offsetting these improvements were a \$1.2 million increase in R&D expenses and a \$0.1 million increase in net loss on write down and disposal of long-lived assets for the quarter ended September 30, 2018 compared to the quarter ended September 30, 2017.

Film and Electrolytic

The following table sets forth net sales, operating income (loss), and operating income (loss) as a percentage of net sales for our Film and Electrolytic segment for the quarters ended September 30, 2018 and 2017 (amounts in thousands, except percentages):

| | Three Months Ended September 30, | | | |
|--|----------------------------------|----------------|----------|----------------|
| | 2018 | | 2017 | |
| | Amount | % to Net Sales | Amount | % to Net Sales |
| Net sales ⁽¹⁾ | \$50,628 | | \$47,998 | |
| Operating income (loss) ⁽¹⁾ | 4,236 | 8.4 % | 1,263 | 2.6 % |

⁽¹⁾ Three months ended September 30, 2017 adjusted due to the adoption of ASC 606.

Net Sales

Film and Electrolytic net sales of \$50.6 million for the quarter ended September 30, 2018 increased \$2.6 million or 5.5% from \$48.0 million for the quarter ended September 30, 2017. The increase in net sales was primarily driven by a \$3.1 million increase in distributor sales in the EMEA region and a \$1.8 million increase in distributor sales in the Americas region. These increases were partially offset by a \$2.2 million decrease in OEM sales across all regions, except for the JPKO region, which was slightly higher. Film and Electrolytic net sales was not significantly impacted by foreign currency exchange during the quarter ended September 30, 2018.

Segment Operating Income (Loss)

Segment operating income of \$4.2 million for the quarter ended September 30, 2018 increased by approximately \$3.0 million from segment operating income of \$1.3 million in the quarter ended September 30, 2017. The increase in operating income was primarily a result of a \$2.7 million increase in gross margin, which was primarily driven by the increase in net sales, as well as continued margin improvement due to our restructuring activities and manufacturing process improvements resulting from our cost reduction activities. Also contributing to the increase in operating income was a \$0.3 million decrease in SG&A expense. Partially offsetting these improvements was a \$0.2 million decrease in net gain on write down and disposal of long-lived assets during the quarter ended September 30, 2018 compared to the quarter ended September 30, 2017.

Electro-magnetic, Sensors & Actuators

The following table sets forth net sales, operating income (loss), and operating income (loss) as a percentage of net sales for our MSA segment for the quarter ended September 30, 2018 (amounts in thousands, except percentages).

| | Three Months Ended September 30, | | | |
|-------------------------|----------------------------------|----------------|----------|----------------|
| | 2018 | | 2017 | |
| | Amount | % to Net Sales | Amount | % to Net Sales |
| Net sales | \$63,132 | | \$62,303 | |
| Operating income (loss) | 7,132 | 11.3 % | 7,765 | 12.5 % |

Net Sales

MSA net sales of \$63.1 million for the quarter ended September 30, 2018 increased \$0.8 million or 1.3% from \$62.3 million for the quarter ended September 30, 2017. The increase in net sales was primarily due to a \$0.9 million increase in EMS sales across all regions and a \$0.9 million increase in distributor sales across all regions, except for the APAC region, which was slightly lower. The increases in net sales were partially offset by a \$1.0 million decrease in OEM sales across the Americas, APAC, and EMEA regions.

Segment Operating Income (Loss)

Segment operating income of \$7.1 million for the quarter ended September 30, 2018 decreased approximately \$0.6 million from segment operating income of \$7.8 million in the quarter ended September 30, 2017. The decrease in operating income was primarily a result of a \$2.2 million decrease in gross margin, which was primarily driven by increased manufacturing unit costs resulting from a decrease in production. Partially offsetting these declines were a \$1.5 million decrease in SG&A expenses and a \$0.1 million decrease in R&D expenses.

Consolidated Comparison of the Six Months Ended September 30, 2018 with the Six Months Ended September 30, 2017

The following table sets forth the Condensed Consolidated Statements of Operations for the six months ended September 30, 2018 and 2017 (amounts in thousands):

| | Six Months Ended September 30, | | | |
|--|--------------------------------|------------------------|-----------|------------------------|
| | 2018 | % to Total Sales | 2017 | % to Total Sales |
| Net sales ⁽¹⁾ | \$676,849 | | \$575,514 | |
| Gross margin ⁽¹⁾ | 208,386 | 30.8 % | 159,021 | 27.6 % |
| Selling, general and administrative expenses | 100,800 | 14.9 % | 78,048 | 13.6 % |
| Research and development ⁽¹⁾ | 21,683 | 3.2 % | 18,783 | 3.3 % |
| Restructuring charges | (96) |) n.m. | 3,006 | 0.5 % |
| (Gain) loss on write down and disposal of long-lived assets | 823 | 0.1 % | (20) |) n.m. |
| Operating income (loss) ⁽¹⁾ | 85,176 | 12.6 % | 59,204 | 10.3 % |
| Interest income | (753) |) (0.1) % | (161) |) n.m. |
| Interest expense | 14,323 | 2.1 % | 18,325 | 3.2 % |
| Acquisition (gain) loss | — | n.m. | (136,873) | (23.8) % |
| Other (income) expense, net | (7,360) |) (1.1) % | 16,292 | 2.8 % |
| Income (loss) before income taxes and equity income (loss) from equity method investments ⁽¹⁾ | 78,966 | 11.7 % | 161,621 | 28.1 % |
| Income tax expense (benefit) ⁽¹⁾ | 6,600 | 1.0 % | 4,004 | 0.7 % |
| Income (loss) before equity income (loss) from equity method investments ⁽¹⁾ | 72,366 | 10.7 % | 157,617 | 27.4 % |
| Equity income (loss) from equity method investments | (5) |) n.m. | 75,641 | 13.1 % |
| Net income (loss) ⁽¹⁾ | \$72,361 | 10.7 % | \$233,258 | 40.5 % |

⁽¹⁾ Six months ended September 30, 2017 adjusted due to the adoption of ASC 606

n.m. - not meaningful

Net Sales

Net sales of \$676.8 million for the six months ended September 30, 2018 increased \$101.3 million or 17.6% from \$575.5 million for the six months ended September 30, 2017. Solid Capacitor net sales increased \$75.9 million, Film and Electrolytic net sales increased \$10.1 million, and MSA net sales increased \$15.3 million.

The increase in Solid Capacitors net sales was primarily driven by a \$52.2 million increase in distributor sales across all regions, a \$19.0 million increase in OEM sales across all regions except for the Americas region, which had a \$0.9 million decrease, and a \$4.7 million increase in EMS sales across all regions except for Asia, which was slightly lower. Also contributing to the increase in sales was an additional 19 days of TOKIN activity during the current year as TOKIN was acquired 19 days into fiscal year 2018. In addition, Solid Capacitors net sales was favorably impacted by \$2.7 million from foreign currency exchange due to the change in the value of the Euro compared to the U.S. dollar.

The increase in Film and Electrolytic net sales was primarily driven by a \$9.7 million increase in distributor sales across all regions, a \$0.6 million increase in OEM sales in the EMEA region, and a \$0.5 million increase in EMS sales in the EMEA region. These increases were partially offset by a \$1.1 million decrease in OEM sales in the APAC region. In addition, Film and Electrolytic net sales was favorably impacted by \$3.2 million from foreign currency exchange, primarily due to the change in the value of the Euro compared to the U.S. dollar.

The increase in MSA net sales was primarily driven by a \$20.6 million increase in OEM sales in the JPKO region, a \$1.0 million increase in EMS sales across all regions, and \$0.9 million and \$0.8 million increases in distributor sales in the EMEA and Americas regions, respectively. Partially offsetting these increases were \$3.0 million and \$1.7

million decreases in distributor sales in the JPKO and APAC regions, respectively, and a \$2.5 million decrease in OEM sales in the APAC region.

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MSA became a new segment in the first quarter of fiscal year 2018 after the Company acquired TOKIN on April 19, 2017, thus there were an additional 19 days for sales to occur for the six months ended September 30, 2018 compared to the same period in fiscal year 2017, which helped contribute to the increase in sales.

The following table reflects the percentage of net sales by region for the six months ended September 30, 2018 and 2017:

| | Six Months Ended September 30, 2018 | | 2017 | |
|----------|--|--------|------|--|
| Americas | 22.8 % | 22.0 % | | |
| EMEA | 22.5 % | 23.1 % | | |
| JPKO | 14.6 % | 13.9 % | | |
| APAC | 40.1 % | 41.0 % | | |
| | 100.0% | 100.0% | | |

The following table reflects the percentage of net sales by channel for the six months ended September 30, 2018 and 2017:

| | Six Months Ended September 30, 2018 | | 2017 | |
|-------------|--|--------|------|--|
| Distributor | 41.5 % | 38.6 % | | |
| EMS | 13.7 % | 15.0 % | | |
| OEM | 44.8 % | 46.4 % | | |
| | 100.0% | 100.0% | | |

Gross Margin

Gross margin of \$208.4 million (30.8% of net sales) for the six months ended September 30, 2018 increased \$49.4 million or 31.0% from \$159.0 million (27.6% of net sales) for the six months ended September 30, 2017 and gross margin as a percentage of net sales improved 320 basis points.

Solid Capacitors gross margin increased \$45.5 million, or 35.4%, primarily due to an increase in net sales, as well as continued variable margin improvement due to our restructuring activities, vertical integration, and manufacturing process improvements resulting from our cost reduction activities.

Film and Electrolytic gross margin increased \$1.5 million, or 18.7%, primarily driven by an increase in net sales, as well as continued margin improvement due to our restructuring activities and manufacturing process improvements resulting from our costs reduction activities.

MSA gross margin increased \$2.3 million, or 10.4%, primarily due to an increase in net sales and a favorable change in the product mix.

Selling, General and Administrative Expenses

SG&A expenses of \$100.8 million (14.9% of net sales) for the six months ended September 30, 2018 increased \$22.8 million or 29.2% compared to \$78.0 million (13.6% of net sales) for the six months ended September 30, 2017. The increase was mainly attributed to a \$12.3 million increase in payroll and related expenses, primarily consisting of salaries and incentive-based compensation, a \$3.2 million increase in ERP integration and technology transition costs, a \$2.8 million increase in office rent and software, and a \$2.4 million increase in consulting expenses. Additionally, \$2.5 million of the overall increase was attributed to expenses incurred during 19 additional days of ownership of our TOKIN subsidiary during the six months ended September 30, 2018, compared to the six months ended September 30, 2017.

Research and Development

R&D expenses of \$21.7 million (3.2% of net sales) for the six months ended September 30, 2018 increased \$2.9 million or 15.4% compared to \$18.8 million (3.3% of net sales) for the six months ended September 30, 2017. The increase was primarily related to an increase in payroll and related expenses of \$2.1 million and a \$0.6 million increase attributed to expenses incurred during 19 additional days of ownership of TOKIN during the six months ended September 30, 2018 compared to the six months ended September 30, 2017.

Restructuring Charges

A credit to restructuring charges of \$0.1 million for the six months ended September 30, 2018 improved \$3.1 million or 103.2% from \$3.0 million for the six months ended September 30, 2017.

The Company recorded a credit of \$0.1 million in restructuring charges in the six months ended September 30, 2018 comprised of \$0.1 million credit to personnel reduction costs.

The Company incurred \$3.0 million in restructuring charges in the six months ended September 30, 2017 comprised of \$1.1 million in personnel reduction costs and \$1.9 million in manufacturing relocation and exit costs. The personnel reduction costs of \$1.1 million were due to severance charges across various overhead functions in the Simpsonville, South Carolina office as these functions were relocated to the Company's new corporate headquarters in Fort Lauderdale, Florida.

The manufacturing relocation and exit costs of \$1.9 million primarily consisted of \$0.9 million in lease termination penalties related to the relocation of global marketing, finance and accounting, and information technology functions to the Company's Fort Lauderdale, Florida office, \$0.6 million in expenses related to the relocation of the K-Salt operations to the existing Matamoros, Mexico plant, \$0.3 million in exit costs related to the shut-down of operations for KFM, and \$0.1 million related to the transfer of certain Tantalum production from Simpsonville, South Carolina to Victoria, Mexico.

Operating Income (Loss)

Operating income of \$85.2 million for the six months ended September 30, 2018 improved \$26.0 million from operating income of \$59.2 million for the six months ended September 30, 2017. The improvement was primarily attributable to a \$49.4 million improvement in gross margin and a \$3.1 million decrease in restructuring charges. These improvements to operating income were partially offset by a \$22.8 million increase in SG&A expenses, a \$2.9 million increase in R&D expenses, and an unfavorable \$0.8 million change in (gain) loss on write down and disposal of long-lived assets.

Non-Operating (Income) Expense, Net

Non-operating expense, net was \$6.2 million for the six months ended September 30, 2018, compared to non-operating income, net of \$102.4 million for the six months ended September 30, 2017. The \$108.6 million unfavorable change is primarily attributable to the acquisition gain of \$136.9 million recognized during the six months ended September 30, 2017, compared to no such gain during the six months ended September 30, 2018. Partially offsetting this unfavorable change was the following favorable changes in the six months ended September 2018 versus the six months ended September 2017: a \$3.7 million decrease in anti-trust litigation fines, a \$4.6 million decrease in net interest expense, a \$4.1 million gain related to a research and development grant reimbursement from the Japanese government, and a \$14.3 million net favorable change in foreign currency exchange gain/(loss), which was primarily due to the change in the value of the Chinese Yuan Renminbi, Thai Baht, and Great Britain Pound compared to the U.S. dollar.

Income Taxes

Income tax expense of \$6.6 million for the six months ended September 30, 2018 increased \$2.6 million compared to income tax expense of \$4.0 million for the six months ended September 30, 2017. Income tax expense of \$6.6 million for the six months ended September 30, 2018 was comprised of \$6.7 million of income tax expense related to foreign operations and \$0.2 million of federal income tax expense, offset by \$0.3 million of state income tax benefit. The \$6.7 million of income tax expense related to foreign operations includes a \$0.3 million expense related to the final settlement of an uncertain tax position.

Income tax expense of \$4.0 million for the six months ended September 30, 2017 was comprised of \$3.6 million of income tax expense related to foreign operations, \$0.2 million of federal income tax expense, and \$0.2 million of state income tax expense.

The effective tax rates differ from income taxes recorded using a statutory rate rate largely due to the relative mix in earnings and losses in various tax jurisdictions and the usage of the net operating losses and reversal of associated valuation allowances previously recorded on the deferred tax assets.

Equity Income (Loss) from Equity Method Investments

Equity loss of \$5 thousand for the six months ended September 30, 2018 decreased \$75.6 million compared to equity income of 75.6 million for the six months ended September 30, 2017. The decrease is primarily related to the TOKIN acquisition that occurred in the first quarter of fiscal year 2018, which resulted in equity income of \$84.2 million related to our 34% economic interest in TOKIN for the 19 day period ended April 19, 2017 for the sale of TOKIN's electrical-mechanical devices ("EMD") business and a \$9.0 million unfavorable removal of the cost basis of the portion of equity investment related to the EMD division. TOKIN is now a fully owned subsidiary of the Company and there were no such gains from our equity method investments for the six months ended September 30, 2018.

Segment Comparison of the Six Months Ended September 30, 2018 with the Six Months Ended September 30, 2017
The following table reflects each segment's net sales and operating income (loss) for the six months ended September 30, 2018 and 2017 (amounts in thousands):

| | Six Months Ended | |
|--------------------------------------|------------------|-----------|
| | September 30, | |
| | 2018 | 2017 |
| Net sales: | | |
| Solid Capacitors | \$449,294 | \$373,386 |
| Film and Electrolytic ⁽¹⁾ | 105,583 | 95,481 |
| MSA | 121,972 | 106,647 |
| Total | \$676,849 | \$575,514 |
| Operating income (loss): | | |
| Solid Capacitors | \$154,351 | \$109,426 |
| Film and Electrolytic ⁽¹⁾ | 5,303 | 3,391 |
| MSA | 13,187 | 8,123 |
| Corporate | (87,665) | (61,736) |
| Total | \$85,176 | \$59,204 |

⁽¹⁾ Six months ended September 30, 2017 adjusted due to the adoption of ASC 606.

Solid Capacitors

The following table sets forth net sales, operating income and operating income as a percentage of net sales for our Solid Capacitors segment for the six months ended September 30, 2018 and 2017 (amounts in thousands, except percentages):

| | Six Months Ended September 30, | | | |
|--|--------------------------------|----------------|-----------|----------------|
| | 2018 | | 2017 | |
| | Amount | % to Net Sales | Amount | % to Net Sales |
| Tantalum product line net sales | \$282,367 | | \$241,854 | |
| Ceramic product line net sales | 166,927 | | 131,532 | |
| Solid Capacitors net sales | \$449,294 | | \$373,386 | |
| Solid Capacitors operating income (loss) | \$154,351 | 34.4 % | \$109,426 | 29.3 % |

Net Sales

Solid Capacitors net sales of \$449.3 million for the six months ended September 30, 2018 increased \$75.9 million or 20.3% from \$373.4 million for the six months ended September 30, 2017. The increase in net sales was primarily driven by a \$52.2 million increase in distributor sales across all regions, a \$19.0 million increase in OEM sales across all regions except for the Americas region, which had a \$0.9 million decrease, and a \$4.7 million increase in EMS sales across all regions except for Asia, which was slightly lower. Also contributing to the increase in sales was an additional 19 days of TOKIN activity during the current year as TOKIN was acquired 19 days into fiscal year 2018. In addition, Solid Capacitors net sales was favorably impacted by \$2.7 million from foreign currency exchange due to the change in the value of the Euro compared to the U.S. dollar.

Segment Operating Income (Loss)

Segment operating income of \$154.4 million for the six months ended September 30, 2018 increased \$44.9 million or 41.1% from \$109.4 million for the six months ended September 30, 2017. The increase in operating income was primarily a result of a \$45.5 million increase in gross margin, which was primarily driven by an increase in net sales, as well as continued variable margin improvement due to our restructuring activities, vertical integration, and manufacturing process improvements resulting from our cost reduction activities. Also contributing to the increase in operating income were a \$1.1 million decrease in SG&A expenses and a \$0.7 million decrease in restructuring charges. Partially offsetting these improvements were a \$2.2 million increase in R&D expenses and a \$0.2 million increase in net loss on write down and disposal of long-lived assets for the six months ended September 30, 2018 compared to the six months ended September 30, 2017.

Film and Electrolytic

The following table sets forth net sales, operating income (loss) and operating income (loss) as a percentage of net sales for our Film and Electrolytic segment for the six months ended September 30, 2018 and 2017 (amounts in thousands, except percentages):

| | Six Months Ended September 30, | | | |
|-------------------------|--------------------------------|----------------|----------|----------------|
| | 2018 | 2017 | | |
| | Amount | % to Net Sales | Amount | % to Net Sales |
| Net sales | \$105,583 | | \$95,481 | |
| Operating income (loss) | 5,303 | 5.0 % | 3,391 | 3.6 % |

Net Sales

Film and Electrolytic net sales of \$105.6 million for the six months ended September 30, 2018 increased \$10.1 million or 10.6% from \$95.5 million for the six months ended September 30, 2017. The increase in net sales was primarily driven by a \$9.7 million increase in distributor sales across all regions, a \$0.6 million increase in OEM sales in the EMEA region, and a \$0.5 million increase in EMS sales in the EMEA region. These increases were partially offset by a \$1.1 million decrease in OEM sales in the APAC region. In addition, Film and Electrolytic net sales was favorably impacted by \$3.2 million from foreign currency exchange, primarily due to the change in the value of the Euro compared to the U.S. dollar.

Segment Operating Income (Loss)

Segment operating income of \$5.3 million for the six months ended September 30, 2018 increased \$1.9 million from segment operating income of \$3.4 million for the six months ended September 30, 2017. The increase was primarily attributable to a \$1.5 million increase in gross margin, which was primarily driven by an increase in net sales, as well as continued margin improvement due to our restructuring activities and manufacturing process improvements resulting from our costs reduction activities. The increase was also attributable to a \$0.3 million decrease in SG&A charges and a \$0.3 million decrease in restructuring charges. These improvements were partially offset by a \$0.2 million decrease in net gain on write down and disposal of long-lived assets.

Electro-magnetic, Sensors & Actuators

The following table sets forth net sales, operating income (loss), and operating income (loss) as a percentage of net sales for our MSA segment for the six months ended September 30, 2018 (amounts in thousands, except percentages):

| | Six Months Ended September 30, | | | |
|-------------------------|--------------------------------|----------------|-----------|----------------|
| | 2018 | | 2017 | |
| | Amount | % to Net Sales | Amount | % to Net Sales |
| Net sales | \$121,972 | | \$106,647 | |
| Operating income (loss) | 13,187 | 10.8 % | 8,123 | 7.6 % |

Net Sales

MSA net sales of \$122.0 million for the six months ended September 30, 2018 increased \$15.3 million or 14.4% from \$106.6 million for the six months ended September 30, 2017. The increase in net sales was primarily driven by a \$20.6 million increase in OEM sales in the JPKO region, a \$1.0 million increase in EMS sales across all regions, and \$0.9 million and \$0.8 million increases in distributor sales in the EMEA and Americas regions, respectively. Partially offsetting these increases were \$3.0 million and \$1.7 million decreases in distributor sales in the JPKO and APAC regions, respectively, and a \$2.5 million decrease in OEM sales in the APAC region. MSA became a new segment in the first quarter of fiscal year 2018 after the Company acquired TOKIN on April 19, 2017, thus there were an additional 19 days for sales to occur for the six months ended September 30, 2018 compared to the same period in fiscal year 2017, which helped contribute to the increase in sales.

Segment Operating Income (Loss)

Segment operating income of \$13.2 million for the six months ended September 30, 2018 increased \$5.1 million from segment operating income of \$8.1 million in the six months ended September 30, 2017. The increase in operating income was primarily a result of a \$3.0 million decrease in SG&A expenses resulting from decreased payroll expenses due to a reduction in head count and a decrease in information technology expenses. Also contributing to the increase in operating income was a \$2.3 million increase in gross margin, which was primarily driven by an increase in net sales and a favorable change in the product mix. Partially offsetting these improvements was a \$0.2 million increase in R&D expenses.

Liquidity and Capital Resources

Our liquidity needs arise from working capital requirements, capital expenditures, acquisitions, principal and interest payments on debt, and costs associated with the implementation of our restructuring plans. Historically, our cash needs have been met by cash flows from operations, borrowings under our loan agreements, and existing cash balances.

Term Loan Credit Agreement

On April 28, 2017, the Company entered into a Term Loan Credit Agreement (the "Term Loan Credit Agreement") by and among the Company, KEC (together with the Company, the "Borrowers"), Bank of America, N.A. as the Administrative Agent and Collateral Agent, Merrill Lynch, Pierce, Fenner & Smith Incorporated, as sole lead arranger and bookrunner and various other lenders thereto from time to time. The Term Loan Credit Agreement provides for a \$345.0 million term loan facility. In addition, the Borrowers may request incremental term loan commitments in an aggregate amount not to exceed \$50.0 million (together with the initial \$345.0 million term loan, the "Term Loans"). The proceeds were used, together with cash on hand, to fund the redemption of all of KEMET's outstanding 10.5% Senior Notes, which were also called for redemption on April 28, 2017. The Term Loans were made with an original issue discount of 300 basis points. At the Company's election, the Term Loans may be made as either Base Rate Term Loans or LIBO Rate Term Loans (each as defined in the Term Loan Credit Agreement). The applicable margin for Term Loans is 5.0% for Base Rate Term Loans and 6.0% for LIBO Rate Term Loans. All LIBO Rate Term Loans are subject to a pre-margin floor of 1.0%. The Term Loan Credit Agreement contains customary covenants and events of default. The Company also entered into the Term Loan Security Agreement dated as of April 28, 2017 (the "Security Agreement"), by and among the Company, KEC and certain other subsidiaries of the Company, and Bank of America, N.A., as collateral agent, pursuant to which the Company's obligations under the Term Loan Credit Agreement are

secured by a pledge of 65% of the outstanding voting stock of certain first-tier subsidiaries organized in Italy, Japan, Mexico and Singapore, and a second lien pledge on the collateral securing KEMET's revolving credit facility. The obligations of the Company under the Term Loan Credit Agreement are guaranteed by certain of its subsidiaries, including KRC Trade Corporation, KEMET Services Corporation, KEMET Blue Powder Corporation and The Forest Electric Company. The Term Loans mature April 28, 2024, and may be extended in accordance with the Term Loan Credit Agreement. The Company may prepay loans under the Term Loan Credit Agreement at any time, subject to certain notice requirements and certain prepayment premiums during the first two years. On a quarterly basis the Company must repay

1.25% of the aggregate principal amount of the initial \$345.0 million term loan, or \$4.3 million; payments began on September 29, 2017.

The Company currently pays interest on the Term Loan Credit Agreement on a monthly basis due to favorable LIBO rates, and as such, had only two days and three days of interest payable related to the Term Loan Credit Agreement included in the line item “Accrued expenses” on the Condensed Consolidated Balance Sheets as of September 30, 2018 and March 31, 2018, respectively. Interest payable related to the Term Loan Credit Agreement was \$0.1 million and \$0.2 million as of September 30, 2018 and March 31, 2018, respectively.

Revolving Line of Credit

In connection with the closing of the Term Loan Credit Agreement, KEC also entered into Amendment No. 9 to the Loan and Security Agreement, Waiver and Consent, dated as of April 28, 2017, by and among KEC, the other borrowers named therein, the financial institutions party thereto as lenders and Bank of America, N.A., as agent for the lenders (the “Loan Amendment”), which amends the Loan and Security Agreement dated as of September 30, 2010 by and among KEC, the other borrowers named therein, the financial institutions party thereto as lenders and Bank of America, N.A. as agent for the lenders (the “Loan Agreement”). The Loan Amendment increases the facility amount to \$75.0 million and provides KEC with lower applicable interest rate margins and the ability to complete the refinancing. As part of the overall refinancing, KEC also repaid all amounts outstanding under the Loan Amendment. As of September 30, 2018, there were no borrowings under the revolving line of credit, and the Company’s available borrowing capacity, which is based on factors including outstanding eligible accounts receivable, inventory and equipment collateral, under the Loan Agreement was \$75.0 million.

Advance

In September 2018, the Company entered into an agreement with a customer (the “Customer”) pursuant to which the Customer agreed to make advances to the Company in amounts up to \$36.0 million (the “Advance”). The Company will use the Advance to fund the purchase of production equipment and to make other investments and improvements in its business and operations (the “Investment”) in order to increase overall capacity to produce various electronic components of the type and part as may be sold by the Company to the Customer from time to time. The Company retains all rights to the production equipment purchased with the funds from the Advance. The Advance from the Customer will be made in quarterly installments (an “Installment”) over an expected period of 18 to 24 months starting in September 2018, with the amount of each Installment based on the costs and expenses that have been incurred, or are reasonably expected to be incurred or committed to be incurred, by the Company in connection with the Investment during the quarter applicable to such Installment.

The Advance will be repaid beginning on the date that production from the Investment is sufficient to meet the Company's obligations under the agreement with the Customer. Repayments will be made on a quarterly basis as determined by a calculation that generally takes into account the number of components purchased by the Customer during the quarter. Repayments based on the calculation will continue until either the Advance is repaid in full, or December 31, 2038. The Company is not required to make any quarterly repayment in an amount that exceeds \$0.9 million. If the Customer does not purchase a number of components that would require full repayment of the Advance by December 31, 2038, then the Advance shall be deemed repaid in full. Additionally, if the Customer does not purchase a number of components that would require a payment on the Advance for a period of 16 consecutive quarters, the Advance shall be deemed repaid in full.

An initial advance payment of \$0.5 million was paid by the Customer to the Company on September 7, 2018. Since the debt is non-interest bearing, we have recorded a debt discount in the amount of \$0.1 million. This discount will be amortized over the expected life of the Advance through interest expense.

Term Loan Facility

Subsequent to quarter end on October 29, 2018, TOKIN entered into a JPY 33.0 billion (approximately \$296.0 million) Term Loan Agreement (the “Term Loan Facility”) by and among TOKIN, the lenders party thereto (the “Lenders”) and Sumitomo Mitsui Trust Bank, Limited in its capacity as agent (the “Agent”), arranger and Lender. The Company expects the closing and funding of the new Term Loan Facility, which is subject to customary terms and conditions, to occur on or around November 7, 2018.

The proceeds from the new Term Loan Facility will be used by TOKIN to make intercompany loans to the Company. The Company will use the proceeds of the loans from TOKIN, together with other cash on hand, to prepay in full all of the outstanding amounts under the Company's existing Term Loan Credit Agreement, by and among the Company, KEC, the lenders party thereto and Bank of America, N.A., as administrative agent and collateral agent, and to pay related fees, costs and expenses (including a prepayment penalty of 1%). The Company currently has approximately \$323.4 million outstanding

under the existing Term Loan Credit Agreement. The new Term Loan Facility consists of (i) a JPY 16.5 billion (approximately \$148.0 million) Term Loan A tranche (the “Term Loan A”) and (ii) a JPY 16.5 billion (approximately \$148.0 million) Term Loan B tranche (the “Term Loan B” and, together with the Term Loan A, collectively, the “Term Loans”). Principal payments under Term Loan A are required semi-annually, in the amount of JPY 1.4 billion (approximately \$12.3 million), while the principal of Term Loan B is due in one payment at maturity. Interest payments are due semi-annually on the Term Loans, with the interest rate based on a margin over the six-month Japanese Yen Tokyo Interbank Offered Rate (TIBOR). The applicable margin for Term Loan A is 2.00% and for Term Loan B is 2.25%. The new Term Loans mature on September 30, 2024. KEMET and certain subsidiaries of TOKIN will be providing guarantees of the obligations under the Term Loan Facility, which will also be secured by certain assets, properties and equity interests of TOKIN and its material subsidiaries. The Term Loan Agreement contains customary covenants applicable to both the Company and to TOKIN, including maintenance of a consolidated leverage ratio, the absence of two consecutive years of operating losses and the maintenance of certain required levels of net assets. The Term Loan Agreement also contains customary events of default. TOKIN may prepay the Term Loans at any time, subject to certain notice requirements and reimbursement of loan breakage costs.

The Company is planning to execute a hedging strategy designed to minimize the effect of the fluctuations in the foreign currency exchange rates related to the Japanese Yen denominated debt. Under this plan, the Company would enter into derivative instruments that would hedge the change in the fair value of the Japanese Yen denominated debt related to changes in foreign currency exchange rates. The first derivative instrument the Company is planning to enter into is a cross-currency swap designated as a fair value hedge, which would entail the change in the fair value of the derivative instrument being recognized in earnings to offset the change in the fair value of the Japanese Yen denominated debt that is recognized in earnings. The second derivative instrument is a cross-currency swap designated as a net investment hedge to hedge the change in TOKIN's net equity, which is denominated in Japanese Yen and subject to translation at each balance sheet date. The change in the fair value of this derivative instrument is recognized in foreign currency translation adjustment within accumulated other comprehensive income to offset the changes in the value of TOKIN's equity.

Short-Term Liquidity

Cash and cash equivalents as of September 30, 2018 of \$263.0 million decreased \$23.8 million from \$286.8 million as of March 31, 2018. Our net working capital (current assets less current liabilities) as of September 30, 2018 was \$411.6 million compared to \$391.3 million as of March 31, 2018. Cash and cash equivalents held by our foreign subsidiaries totaled \$168.6 million and \$196.8 million at September 30, 2018 and March 31, 2018, respectively, with the decrease primarily driven by cash held at TOKIN. Our operating income outside the U.S. is no longer deemed to be permanently reinvested in foreign jurisdictions. As a result, we set up a deferred tax liability as of March 31, 2015 on the undistributed foreign earnings which was offset by a reduction in the valuation allowance on our deferred tax assets. However, we currently do not intend nor foresee a need to repatriate cash and cash equivalents held by foreign subsidiaries. If these funds are needed for our operations in the U.S., we may be required to accrue U.S. withholding taxes on the distributed foreign earnings.

Based on our current operating plans, we believe domestic cash and cash equivalents, including expected cash generated from operations, are sufficient to fund our operating requirements for at least the next twelve months, including approximately \$5.5 million in interest payments and approximately \$24.5 million in debt principal payments on the new Term Loan Facility, \$120.0 to \$130.0 million in expected capital expenditures, \$3.2 million in restructuring payments, and \$11.5 million in expected shareholder dividends. As of September 30, 2018, our borrowing capacity, which is based on factors including outstanding eligible accounts receivable, inventory and equipment collateral, under the revolving line of credit was \$75.0 million. The revolving line of credit expires on April 28, 2022.

Cash and cash equivalents decreased \$23.8 million for the six months ended September 30, 2018, as compared to an increase of \$143.9 million during the six months ended September 30, 2017.

The following table provides a summary of cash flows for the periods presented (amounts in thousands):

| | Six months ended | |
|---|------------------|-----------|
| | September 30, | |
| | 2018 | 2017 |
| Net cash provided by (used in) operating activities | \$32,999 | \$39,749 |
| Net cash provided by (used in) investing activities | (40,702) | 150,484 |
| Net cash provided by (used in) financing activities | (7,644) | (48,314) |
| Effect of foreign currency fluctuations on cash, cash equivalents and restricted cash | (8,452) | 1,980 |
| Net increase (decrease) in cash, cash equivalents and restricted cash | \$(23,799) | \$143,899 |

Operating

Cash provided by operating activities during the six months ended September 30, 2018 of \$33.0 million decreased \$6.8 million compared to cash provided by operating activities of \$39.7 million in the six months ended September 30, 2017.

Cash generated from net income and adjusted for non-cash income statement items during the six months ended September 30, 2018 of \$111.0 million reflects a \$57.2 million increase compared to cash generated from net income and adjusted for non-cash income statement items of \$53.8 million in the six months ended September 30, 2017.

In the six months ended September 30, 2018, we had net income of \$72.4 million, and adjustments to cash flows from operations for non-cash income statement items were a net \$38.6 million increase. Included in the non-cash income statement items are depreciation and amortization, (income) loss from equity-method investments, non-cash debt and financing costs, stock-based compensation expense, write down of receivables, write down and disposals of long-lived assets, pension and other post-retirement benefits, and deferred income taxes.

In the six months ended September 30, 2017, we had income of \$233.3 million, and adjustments to cash flows for operations for non-cash income statement items were a net \$179.5 million decrease, primarily driven by acquisition gain and income from equity-method investments of \$136.9 million and \$75.6 million, respectively. Also included in the non-cash income statement items are depreciation and amortization, loss on early extinguishment of debt, non-cash debt and financing costs, stock-based compensation expense, write down of receivables, write down and disposals of long-lived assets, pension and other post-retirement benefits, and deferred income taxes.

Offsetting the cash generation from net income, we had a \$40.5 million decrease in cash from operating assets, excluding foreign currency exchange, comprised of the following:

In the six months ended September 30, 2018, an increase in accounts receivable used \$11.7 million in cash, compared to the six months ended September 30, 2017, during which a decrease in accounts receivable generated \$32.9 million in cash. The primary reason for the change in accounts receivable is due to the timing of customer receipts.

In the six months ended September 30, 2018, a decrease in prepaid expenses and other assets generated \$7.1 million in cash, compared to the six months ended September 30, 2017, during which a decrease in prepaid expenses and other assets generated \$1.0 million in cash.

In the six months ended September 30, 2018, an increase in inventory used \$15.4 million in cash, compared to the six months ended September 30, 2017, during which an increase in inventory used \$13.3 million in cash.

Additionally, we had a \$23.4 million decrease in cash from operating liabilities, excluding foreign currency exchange, comprised of the following:

In the six months ended September 30, 2018, a decrease in accrued expenses used \$58.8 million in cash, compared to the six months ended September 30, 2017, during which a decrease in accrued expenses used \$20.1 million in cash. The primary reason for the change in accrued expenses is due to the payment of TOKIN anti-trust fines.

Partially offsetting the unfavorable changes, in the six months ended September 30, 2018, an increase in accounts payable generated \$0.1 million in cash, compared to the six months ended September 30, 2017, during which a decrease in accounts payable used \$14.5 million in cash. The primary reason for the change in accounts payable is due to the timing of supplier payments.

Also offsetting the unfavorable changes, in the six months ended September 30, 2018, an increase in accrued income taxes generated \$0.6 million in cash, compared to the six months ended September 30, 2017, during which a decrease in accrued expenses used \$0.1 million in cash.

Investing

Cash used in investing activities during the six months ended September 30, 2018 of \$40.7 million reflects a \$191.2 million change compared to cash provided by investing activities of \$150.5 million in the six months ended September 30, 2017.

During the six months ended September 30, 2018, we made capital expenditures of \$40.5 million primarily related to expanding capacity at our manufacturing facilities in Mexico, Portugal, China, Thailand and Japan, as well as information technology projects in Simpsonville, South Carolina. Additionally, we made an initial capital contribution to KEMET Jianghai of \$1.0 million. Offsetting these uses of cash, we had proceeds from dividends of \$0.8 million.

In comparison, during the six months ended September 30, 2017, we received \$167.1 million in positive cash flow related to the TOKIN acquisition. Additionally, we had proceeds from dividends and from sale of assets of \$0.6 million each. Offsetting these sources of cash, we made capital expenditures of \$17.8 million, primarily related to expanding capacity at our manufacturing facilities in Mexico, Italy, China, Thailand and Japan, as well as information technology projects in Simpsonville, South Carolina.

Financing

Cash used in financing activities during the six months ended September 30, 2018 of \$7.6 million reflects a \$40.7 million change from cash used in financing activities of \$48.3 million in the six months ended September 30, 2017. During the six months ended September 30, 2018, we made two quarterly payments totaling \$8.6 million on the Term Loan Credit Agreement. Additionally, we received proceeds from an advance from a customer, as described in the section above titled "Advance," and proceeds from the exercise of stock options, of which each generated \$0.5 million in cash.

In comparison, during the six months ended September 30, 2017, we used \$353.0 million to repay the remaining balance of our 10.5% Senior Notes, \$33.9 million to repay the remaining outstanding balance of the revolving line of credit, and received \$329.7 million in proceeds from the Term Loan Credit Agreement, net of discount, bank issuance costs, and other indirect issuance costs. Additionally, we made one quarterly payment of the Term Loan Credit Agreement of \$4.3 million, and received proceeds on an interest free loan from the Portuguese Government of \$0.3 million. Finally, proceeds from the exercise of stock warrants and exercise of stock options generated \$8.8 million and \$4.1 million in cash, respectively.

Commitments

With the exception of the items noted below, our commitments have not materially changed from those disclosed in the Company's 2018 Form 10-K as updated by our quarterly reports. An update to our contractual obligations is as follows (amounts in thousands):

| Contractual obligations | Total | Payment Due by Period | | | | More than 5 years |
|----------------------------------|----------|-----------------------|----------------|----------------|----|-------------------|
| | | Year 1 (1) | Years 2 - 3 | Years 4 - 5 | | |
| Anti-trust fines and settlements | \$49,025 | \$26,466 | \$17,574 | \$4,985 | \$ | — |

(1) In addition to amounts reflected in the table, an additional \$2.8 million has been recorded in the line item "Accrued expenses," for which the timing of payment has not been determined.

Non-Generally Accepted Accounting Principles Financial Measures

To complement our Condensed Consolidated Statements of Operations and Cash Flows, we use non-GAAP financial measures of Adjusted gross margin, Adjusted operating income (loss), Adjusted net income (loss) and Adjusted EBITDA. Management believes that Adjusted gross margin, Adjusted operating income (loss), Adjusted net income (loss) and Adjusted EBITDA are complements to U.S. GAAP amounts and such measures are useful to investors. The presentation of these non-GAAP measures is not meant to be considered in isolation or as an alternative to net income as an indicator of our performance, or as an alternative to cash flows from operating activities as a measure of liquidity.

The following table provides reconciliation from U.S. GAAP Gross margin to non-GAAP Adjusted gross margin (amounts in thousands, except percentages):

| | Three Months Ended | | Six Months Ended | |
|---|--------------------|-----------|------------------|-----------|
| | September 30, | | September 30, | |
| | 2018 | 2017 | 2018 | 2017 |
| Net sales ⁽¹⁾ | \$349,233 | \$301,568 | \$676,849 | \$575,514 |
| Cost of sales ⁽¹⁾ | 235,668 | 216,664 | 468,463 | 416,493 |
| Gross margin (U.S. GAAP) ⁽¹⁾ | \$113,565 | \$84,904 | \$208,386 | \$159,021 |
| Gross margin as a % of net sales | 32.5 | % 28.2 | % 30.8 | % 27.6 |
| Non-GAAP adjustments: | | | | |
| Plant start-up costs | 1,361 | — | 2,114 | — |
| Stock-based compensation expense | 686 | 342 | 1,275 | 652 |
| Adjusted gross margin (non-GAAP) ⁽¹⁾ | \$115,612 | \$85,246 | \$211,775 | \$159,673 |
| Adjusted gross margin as a % of net sales | 33.1 | % 28.3 | % 31.3 | % 27.7 |

⁽¹⁾ Three and six months ended September 30, 2017 adjusted due to the adoption ASC 606.

The following table provides reconciliation from U.S. GAAP Operating income (loss) to non-GAAP Adjusted operating income (loss) (amounts in thousands):

| | Three Months | | Six Months Ended | |
|---|-----------------|----------|------------------|----------|
| | Ended September | | September 30, | |
| | 2018 | 2017 | 2018 | 2017 |
| Operating income (loss) (U.S. GAAP) ⁽¹⁾ | \$50,000 | \$31,597 | \$85,176 | \$59,204 |
| Non-GAAP adjustments: | | | | |
| Restructuring charges | — | 1,393 | (96 |) 3,006 |
| ERP integration/IT transition costs | 1,593 | — | 3,243 | — |
| Stock-based compensation expense | 4,417 | 1,530 | 8,477 | 2,631 |
| Legal expenses/fines related to antitrust class actions | 1,740 | 2,375 | 3,026 | 3,516 |
| Plant start-up costs | 1,361 | — | 2,114 | — |
| (Gain) loss on write down and disposal of long-lived assets | 312 | (39 |) 823 | (20 |
| Adjusted operating income (loss) (non-GAAP) ⁽¹⁾ | \$59,423 | \$36,856 | \$102,763 | \$68,337 |

⁽¹⁾ Three and six months ended September 30, 2017 adjusted due to the adoption ASC 606.

The following table provides reconciliation from U.S. GAAP Net income (loss) to non-GAAP Adjusted net income (loss) (amounts in thousands):

| | Three Months Ended September 30, | | Six Months Ended September 30, | |
|---|--|----------|-----------------------------------|------------|
| | 2018 | 2017 | 2018 | 2017 |
| Net income (loss) (U.S. GAAP) ⁽¹⁾ | \$37,141 | \$12,819 | \$72,361 | \$233,258 |
| Non-GAAP adjustments: | | | | |
| Acquisition (gain) loss | — | (1,285) | — | (136,873) |
| Restructuring charges | — | 1,393 | (96) | 3,006 |
| Research and development grant reimbursement | — | — | (4,087) | — |
| ERP integration/IT transition costs | 1,593 | — | 3,243 | — |
| Stock-based compensation expense | 4,417 | 1,530 | 8,477 | 2,631 |
| Legal expenses/fines related to antitrust class actions | 6,060 | 10,327 | 7,308 | 11,468 |
| (Gain) loss on early extinguishment of debt | — | — | — | 486 |
| Net foreign exchange (gain) loss | 193 | 1,891 | (7,328) | 6,934 |
| Amortization included in interest expense | 406 | 664 | 635 | 1,124 |
| Equity (income) loss from equity method investments | (64) | (224) | 5 | (75,641) |
| Plant start-up costs | 1,361 | — | 2,114 | — |
| (Gain) loss on write down and disposal of long-lived assets | 312 | (39) | 823 | (20) |
| Income tax effect of non-GAAP adjustments | (164) | (631) | 287 | (853) |
| Adjusted net income (loss) (non-GAAP) | \$51,255 | \$26,445 | \$83,742 | \$45,520 |

⁽¹⁾ Three and six months ended September 30, 2017 adjusted due to the adoption ASC 606.

The following table provides reconciliation from U.S. GAAP Net income (loss) to non-GAAP Adjusted EBITDA (amounts in thousands):

| | Three Months Ended September 30, | | Six Months Ended September 30, | |
|---|--|----------|-----------------------------------|------------|
| | 2018 | 2017 | 2018 | 2017 |
| Net income (loss) (U.S. GAAP) ⁽¹⁾ | \$37,141 | \$12,819 | \$72,361 | \$233,258 |
| Non-GAAP adjustments: | | | | |
| Interest expense (income), net | 6,912 | 7,270 | 13,570 | 18,164 |
| Income tax expense (benefit) ⁽¹⁾ | 2,000 | 2,864 | 6,600 | 4,004 |
| Depreciation and amortization ⁽¹⁾ | 12,545 | 13,554 | 25,642 | 26,013 |
| EBITDA (non-GAAP) ⁽¹⁾ | 58,598 | 36,507 | 118,173 | 281,439 |
| Excluding the following items: | | | | |
| Acquisition (gain) loss | — | (1,285) | — | (136,873) |
| Restructuring charges | — | 1,393 | (96) | 3,006 |
| Research and development grant reimbursement | — | — | (4,087) | — |
| ERP integration/IT transition costs | 1,593 | — | 3,243 | — |
| Stock-based compensation expense | 4,417 | 1,530 | 8,477 | 2,631 |
| Legal expenses/fines related to antitrust class actions | 6,060 | 10,327 | 7,308 | 11,468 |
| Net foreign exchange (gain) loss | 193 | 1,891 | (7,328) | 6,934 |
| Equity (income) loss from equity method investments | (64) | (224) | 5 | (75,641) |
| (Gain) loss on early extinguishment of debt | — | — | — | 486 |
| Plant start-up costs | 1,361 | — | 2,114 | — |
| (Gain) loss on write down and disposal of long-lived assets | 312 | (39) | 823 | (20) |
| Adjusted EBITDA (non-GAAP) ⁽¹⁾ | \$72,470 | \$50,100 | \$128,632 | \$93,430 |

⁽¹⁾ Three and six months ended September 30, 2017 adjusted due to the adoption ASC 606.

Adjusted gross margin represents net sales less cost of sales excluding adjustments which are outlined in the quantitative reconciliation provided above. Management uses Adjusted gross margin to facilitate our analysis and understanding of our business operations by excluding the items outlined in the quantitative reconciliation provided above which might otherwise make comparisons of our ongoing business with prior periods more difficult and obscure trends in ongoing operations. The Company believes that Adjusted gross margin is useful to investors because it provides a supplemental way to understand the underlying operating performance of the Company. Adjusted gross margin should not be considered as an alternative to gross margin or any other performance measure derived in accordance with U.S. GAAP.

Adjusted operating income (loss) represents operating income (loss), excluding adjustments which are outlined in the quantitative reconciliation provided above. We use Adjusted operating income (loss) to facilitate our analysis and understanding of our business operations by excluding the items outlined in the quantitative reconciliation provided above which might otherwise make comparisons of our ongoing business with prior periods more difficult and obscure trends in ongoing operations. The Company believes that Adjusted operating income (loss) is useful to investors to provide a supplemental way to understand our underlying operating performance and monitor and understand changes in our ability to generate income from ongoing business operations. Adjusted operating income (loss) should not be considered as an alternative to operating income or any other performance measure derived in accordance with U.S. GAAP.

Adjusted net income (loss) represents net income (loss), excluding adjustments which are outlined in the quantitative reconciliation provided above. We use Adjusted net income (loss) to evaluate our operating performance by excluding the items outlined in the quantitative reconciliation provided above which might otherwise make comparisons of our ongoing business with prior periods more difficult and obscure trends in ongoing operations. The Company believes that Adjusted net income (loss) is useful to investors because it provides a supplemental way to understand the

underlying operating performance of the Company and allows investors to monitor and understand changes in our ability to generate income from ongoing business operations. Adjusted net income (loss) should not be considered as an alternative to net income (loss), operating income (loss) or any other performance measures derived in accordance with U.S. GAAP.

Adjusted EBITDA represents net income (loss) before income tax expense, interest expense, net, and depreciation and amortization expense, excluding adjustments which are outlined in the quantitative reconciliation provided above. We present

Adjusted EBITDA as a supplemental measure of our performance and ability to service debt. We also present Adjusted EBITDA because we believe this measure is frequently used by securities analysts, investors, and other interested parties in the evaluation of companies in our industry.

We believe Adjusted EBITDA is an appropriate supplemental measure of debt service capacity because cash expenditures on interest are, by definition, available to pay interest, and tax expense is inversely correlated to interest expense because tax expense goes down as deductible interest expense goes up; and depreciation and amortization are non-cash charges. The other items excluded from Adjusted EBITDA are excluded in order to better reflect our continuing operations.

In evaluating Adjusted EBITDA, one should be aware that in the future we may incur expenses similar to the adjustments noted above. Our presentation of Adjusted EBITDA should not be construed as an inference that our future results will be unaffected by these types of adjustments. Adjusted EBITDA is not a measurement of our financial performance under U.S. GAAP and should not be considered as an alternative to net income (loss), operating income (loss), or any other performance measures derived in accordance with U.S. GAAP or as an alternative to cash flow from operating activities as a measure of our liquidity.

Our Adjusted EBITDA measure has limitations as an analytical tool, and should not be considered in isolation or as a substitute for analysis of our results as reported under U.S. GAAP. Some of these limitations are:

- it does not reflect our cash expenditures, future requirements for capital expenditures, or contractual commitments;
 - it does not reflect changes in, or cash requirements for, our working capital needs;
 - it does not reflect any income tax expense or benefit, including any potential changes to income taxes resulting from the Tax Cuts and Jobs Act enacted December 22, 2017;
 - it does not reflect the significant interest expense or the cash requirements necessary to service interest or principal payments on our debt;
- although depreciation and amortization are non-cash charges, the assets being depreciated and amortized will often have to be replaced in the future, and our Adjusted EBITDA measure does not reflect any cash requirements for such replacements;
- it is not adjusted for all non-cash income or expense items that are reflected in our statements of cash flows;
- it does not reflect the impact of earnings or charges resulting from matters we consider not to be indicative of our ongoing operations;
- it does not reflect limitations on or costs related to transferring earnings from our subsidiaries to us;
 - and
- other companies in our industry may calculate this measure differently than we do, limiting its usefulness as a comparative measure.

Because of these limitations, Adjusted EBITDA should not be considered as a measure of discretionary cash available to us to invest in the growth of our business or as a measure of cash that will be available to us to meet our obligations. You should compensate for these limitations by relying primarily on our U.S. GAAP results and using Adjusted EBITDA only supplementary.

Off-Balance Sheet Arrangements

Other than operating lease commitments, we are not a party to any material off-balance sheet financing arrangements that have, or are reasonably likely to have, a current or future material effect on our financial condition, revenues, expenses, results of operations, liquidity, capital expenditures or capital resources.

Impact of Recently Issued Accounting Standards

See Note 1, "Recently Issued Accounting Pronouncements," in the Notes to the Condensed Consolidated Financial Statements for a discussion of recent accounting pronouncements.

Item 3. Quantitative and Qualitative Disclosures About Market Risk

There have been no material changes to our market risks as disclosed in our Annual Report on Form 10-K for the year ended March 31, 2018 filed with the SEC on May 25, 2018.

Item 4. Controls and Procedures

Evaluation of Disclosure Controls and Procedures

As of September 30, 2018, an evaluation of the effectiveness of the Company's disclosure controls and procedures (as defined in Rule 13a-15(e) and 15d-15(e) promulgated under the Exchange Act) was performed under the supervision and with the participation of the Company's management, including the Chief Executive Officer and Chief Financial Officer. Based on that evaluation, the Company's Chief Executive Officer and Chief Financial Officer have concluded that the Company's disclosure controls and procedures are effective to ensure that information required to be disclosed by the Company in its 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 rules and forms, and that information required to be disclosed by the Company in the reports the Company files or submits under the Exchange Act is accumulated and communicated to the Company's management, including its Chief Executive Officer and Chief Financial Officer, as appropriate to allow timely decisions regarding required disclosure.

Changes in Internal Control over Financial Reporting

Other than those changes described below, there has been no change in the Company's internal control over financial reporting (as defined in Rule 13a-15(f) and 15d-15(f) of the Exchange Act) during the quarter ended September 30, 2018 that has materially affected, or is reasonably likely to materially affect, the Company's internal control over financial reporting.

In the first quarter of 2017, the Company acquired TOKIN (see Note 2, "Acquisitions"). As of the date of this Quarterly Report, we are in the process of further integrating the acquired operations into our overall internal controls over financial reporting. Additionally, we are designing new internal controls for the implementation of the new lease standard that becomes effective fiscal year 2020.

PART II—OTHER INFORMATION

Item 1. Legal Proceedings

"Item 3. Legal Proceedings" of our 2018 Form 10-K includes a discussion of our legal proceedings. For an update on certain legal matters see Note 14, "Concentrations of Risks." Except for certain developments concerning TOKIN as described in Note 14, "Concentrations of Risks," there have been no material changes from the Company's legal proceedings described in our 2018 Form 10-K and in Part II. Item 1 Legal Proceedings of the Company's Quarterly Report on Form 10-Q for the quarter ended June 30, 2018.

Item 1A. Risk Factors

There have been no material changes in our risk factors from those disclosed in Part I, Item 1A Risk Factors, of the Company's 2018 Annual Report and in Part II, Item 1A Risk Factors of the Company's Quarterly Report on Form 10-Q for the quarter ended June 30, 2018.

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

We did not sell any of our equity securities during the six months ended September 30, 2018 that were not registered under the Securities Act of 1933, as amended.

Repurchase of Equity Securities

The following table provides information relating to our purchase of shares of our common stock during the quarter ended September 30, 2018 (amounts in thousands, except per share price):

| Periods | (a) Total Number of Shares Purchased ⁽¹⁾ | (b) Average Price Paid per Share | (c) Total Number of Shares Purchased as Part of Publicly Announced Programs | (d) Maximum Number of Shares That May Yet be Purchased Under the Programs |
|--|--|--|--|---|
| July 1 to July 31, 2018 | 14 | \$ 26.25 | — | — |
| August 1 to August 31, 2018 | 1 | 25.26 | — | — |
| September 1 to September 30, 2018 | — | — | — | — |
| Total for Quarter Ended September 30, 2018 | 15 | \$ 26.71 | — | — |

⁽¹⁾ Represents shares withheld by the Company upon vesting of restricted stock to pay taxes due. The Company does not currently have a publicly announced share repurchase plan or program.

Restrictions on Paying Dividends

The Revolving Line of Credit Agreement includes certain restrictions on our ability to pay dividends or make other payments or distributions on our capital stock.

Item 3. Defaults Upon Senior Securities

None.

Item 4. Mine Safety Disclosures

Not applicable.

Item 5. Other Information

None.

Item 6. Exhibits

Exhibit Index

- Exhibit 3.1 Second Restated Certificate of Incorporation of the Company, as amended to date (incorporated by reference to Exhibit 3.1 to the Company's Quarterly Report on Form 10-Q (File No. 1-15491) for the quarter ended June 30, 2011)
- Exhibit 3.2 Amended and Restated By-laws of KEMET Corporation, effective June 5, 2008 (incorporated by reference to Exhibit 3.2 to the Company's Current Report on Form 8-K (File No. 1-15491) filed on June 5, 2008)
- Exhibit 10.1 English Translation of the Term Loan Agreement, dated October 29, 2018, by and among TOKIN Corporation, the Lenders party thereto and Sumitomo Mitsui Trust Bank Limited, in its capacity as agent (incorporated by reference to Exhibit 10.1 to the Company's Current Report on Form 8-K File No. 1-15491) filed on October 29, 2018)
- Exhibit 10.2 Form of Guaranty Agreement, dated October 29, 2018, by and between KEMET Corporation and Sumitomo Mitsui Trust Bank Limited, in its capacity as agent (incorporated by reference to Exhibit 10.2 to the Company's Current Report on Form 8-K File No. 1-15491) filed on October 29, 2018)
- Exhibit 10.3 Amendment No. 10 to Loan and Security Agreement, Waiver and Consent, dated as of October 29, 2018, by and among KEMET, the other borrowers named therein, the financial institutions party thereto as lenders and Bank of America, N.A., a national banking association, as agent for the lenders (incorporated by reference to Exhibit 10.3 to the Company's Current Report on Form 8-K File No. 1-15491) filed on October 29, 2018)
- Exhibit 31.1 Rule 13a-14(a)/15d-14(a) Certification - Principal Executive Officer
- Exhibit 31.2 Rule 13a-14(a)/15d-14(a) Certification - Principal Financial Officer
- Exhibit 32.1 Section 1350 Certification - Principal Executive Officer
- Exhibit 32.2 Section 1350 Certification - Principal Financial Officer
- Exhibit 101 The following financial information from KEMET Corporation's Quarterly Report on Form 10-Q for the quarter ended September 30, 2018, formatted in XBRL (eXtensible Business Reporting Language): (i) Condensed Consolidated Statements of Operations for the three and six months ended September 30, 2018 and 2017, (ii) Condensed Consolidated Balance Sheets at September 30, 2018 and March 31, 2018, (iii) Condensed Consolidated Statements of Cash Flows for the six months ended September 30, 2018, and 2017, and (iv) the Notes to Condensed Consolidated Financial Statements.

Pursuant to Item 601(b)(4)(iii) of Regulation S-K under the Securities Act of 1933, as amended, the registrant has not filed as exhibits to this Quarterly Report on Form 10-Q certain instruments with respect to long-term debt under which the amount of securities authorized does not exceed 10% of the total assets of the registrant. The registrant hereby agrees to furnish copies of all such instruments to the SEC upon request.

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.

Date: November 2, 2018

KEMET Corporation

By: /s/ WILLIAM M. LOWE, JR.
William M. Lowe, Jr.
Executive Vice President and Chief Financial Officer
(Principal Financial and Accounting Officer)
(Duly Authorized Officer)