

# Lam Research Corporation

June Quarter 2017 Financial Results

July 26, 2017





#### Cautionary Statement Regarding Forward-Looking Statements

This presentation and the accompanying discussion contain "forward-looking statements" under U.S. securities laws. Forward-looking statements include any statements that are not statements of historical fact. Examples of forward-looking statements include, but are not limited to: (1) anticipated business, balance sheet, cash flow and financial measures and results, including guidance, whether on a GAAP or non-GAAP basis; (2) economic, market, industry and industry segment expectations; and (3) our ability to successfully execute business, product and growth plans or strategies, or otherwise deliver value for customers and stockholders. Forward-looking statements speak only as of the date they are made and are subject to risks and uncertainties that could cause actual results to differ materially from those expressed, including the factors discussed in our filings with the Securities and Exchange Commission ("SEC"). You should not place undue reliance on forward-looking statements. Lam undertakes no obligation to publicly update any forward-looking statements.

# **Business Review and Industry Outlook**

Martin Anstice
President & Chief Executive Officer

#### June Quarter and 1H CY'17 Performance

- ► Earnings per share\* of \$3.11 in OJun'17
- ► Cumulative 1H CY'17 shipments of \$4.96 billion
- ► Shipments, revenue, gross and operating margins\*, and EPS\* above the mid-point of guidance in QJun'17



#### Delivered another record quarter

#### **Industry Strength Continues**

- ► DRAM and NAND demand driving increased expectations for Lam's CY'17 and CY'18 performance
- ► Memory supply/demand balance remains tight, with customers planning incremental higher capital spending
- ► 2017 WFE spending trending above our prior expectations; currently expect strong 2018
- ► Lam's CY'17 shipments on track to significantly exceed WFE growth



#### Demand trends appear compelling

#### Lam's Journey to Long-Term Sustainable, Profitable Growth

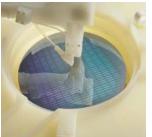
#### Key Milestones:

- ► Built leading position in etch market share
- ► Transitioned into a multi-product and services company
- ► Identified and positioned ahead of key technology inflections
- ► Expanded SAM by 20 points to >35% WFE
- ► Solidified strength in memory
- ► Diversified our revenue exposure in logic and foundry
- ► Delivering customer support business group growth in excess of installed base growth









#### Increased Strategic Relevance of Lam Products and Services

- ► Al-driven data needs are leading to sustainably higher demand for memory spending
- ► Semi industry is embracing vertical scaling as the key driver of performance improvement
- ► Etch and deposition directly enable vertical scaling
- ▶ Lam has highest combined market share in etch and deposition
- ► Committed to invest in R&D to extend our market share leadership





Leveraging our position to optimize long-term value creation

# June Quarter 2017 Financial Results and September Quarter 2017 Outlook

**Doug Bettinger** 

**Executive Vice President & Chief Financial Officer** 

#### June Quarter and FY'17 Results

- ► QJun'17 above mid-point of guidance for all metrics
- ► Shipments, revenue, cash from operations, gross margin dollars\*, operating income dollars\*, and earnings per share\* at record levels in both QJun'17 and FY'17





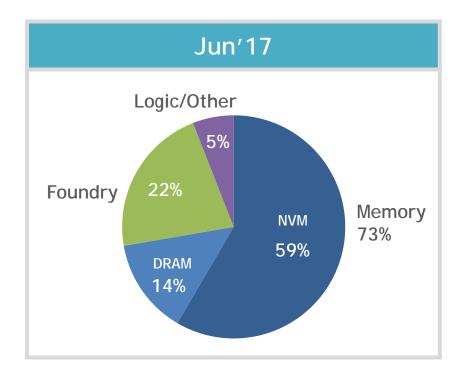


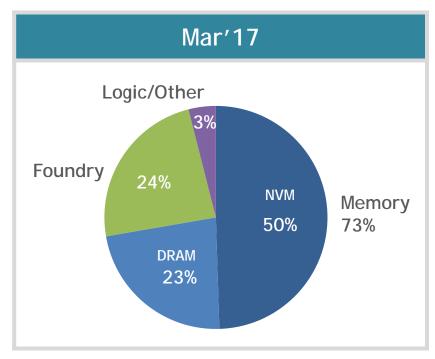
#### Solid financial performance in FY'17

\*Data are presented on a non-GAAP basis. Reconciliations of U.S. GAAP results to non-GAAP results can be found at the end of this presentation.

#### **June Quarter Shipments**

- ► 5% increase compared to March quarter
- ► System shipments segment mix:





QJun'17 shipments of \$2.543 billion

#### June Quarter Financial Results

|                                  | Jun'17   | Mar'17   |
|----------------------------------|----------|----------|
| Revenue                          | \$2,345M | \$2,154M |
| Non-GAAP Gross Margin*           | 46.5%    | 46.1%    |
| Non-GAAP Operating Expenses*     | \$440M   | \$414M   |
| Non-GAAP Operating Income*       | \$650M   | \$578M   |
| Non-GAAP Operating Margin*       | 27.7%    | 26.9%    |
| Non-GAAP Other Income/(Expense)* | \$1.2M   | (\$2.2M) |
| Non-GAAP Tax Rate*               | 13%      | 12%      |
| GAAP Diluted EPS                 | \$2.82   | \$3.10   |
| Non-GAAP Diluted EPS*            | \$3.11   | \$2.80   |
| Non-GAAP Diluted Share Count*    | 182M     | 182M     |

\*A reconciliation of U.S. GAAP results to non-GAAP results can be found at the end of this presentation.

#### **Key Balance Sheet and Financial Metrics**

|                                       | Jun'17   | Mar'17   |
|---------------------------------------|----------|----------|
| Total Consolidated Gross Cash Balance | \$6,297M | \$6,140M |
| Account Receivables, Net              | \$1,673M | \$1,636M |
| DSO                                   | 65 Days  | 69 Days  |
| Inventory Turns                       | 4.1      | 4.2      |
| Deferred Revenue*                     | \$966M   | \$842M   |
| Capital Expenditures                  | \$35M    | \$44M    |
| Equity Compensation Expense           | \$44M    | \$35M    |
| Amortization Expense                  | \$39M    | \$38M    |
| Depreciation Expense                  | \$40M    | \$38M    |
| Headcount                             | ~9,100   | ~8,600   |

\*Does not include anticipated revenues from previous shipments to Japanese customers. A reconciliation of deferred revenue can be found at the end of this presentation.

### September 2017 Quarter Non-GAAP Guidance

|                              | Sep'17 Guidance                 |
|------------------------------|---------------------------------|
| Shipments                    | \$2.350 billion ± \$100 million |
| Revenue                      | \$2.450 billion ± \$100 million |
| Non-GAAP Gross Margin        | 46.5% ± 1%                      |
| Non-GAAP Operating Margin    | 28.0% ± 1%                      |
| Non-GAAP Earnings per Share* | \$3.25 ± \$0.12                 |

# **Questions & Answers**

#### Reconciliation of U.S. GAAP Net Income to Non-GAAP Net Income and U.S. GAAP number of dilutive shares to Non-**GAAP** number of dilutive shares (in thousands, except per share data) (unaudited)

|   | Three Months End |                  |    | <b>Ended</b>      |
|---|------------------|------------------|----|-------------------|
|   |                  | June 25,<br>2017 | N  | March 26,<br>2017 |
| U.S. GAAP net income  | \$               | 526,424          | \$ | 574,713           |
| Pre-tax non-GAAP items:   |                  |                  |    |                   |
| Amortization related to intangible assets acquired in Novellus transaction - cost of goods sold                 |                  | 21,250           |    | 21,250            |
| Amortization related to intangible assets acquired in Novellus transaction -selling, general and administrative |                  | 16,083           |    | 16,083            |
| Cost associated with business process reengineering- selling, general and administrative                        |                  | 4,813            |    | 2,674             |
| Amortization of note discounts - other expense, net   |                  | 5,631            |    | 5,654             |
| Net income tax benefit on non-GAAP items  |                  | (5,697)          |    | (6,418)           |
| Income tax benefit on conclusion of certain tax matters   |                  | (2,986)          |    | (106,205)         |
| Non-GAAP net income   | \$               | 565,518          | \$ | 507,751           |
| Non-GAAP net income per diluted share   | \$               | 3.11             | \$ | 2.80              |
| U.S. GAAP number of shares used for per diluted share calculation   |                  | 186,427          |    | 185,094           |
| Effect of convertible note hedge  |                  | (4,334)          |    | (3,555)           |
| Non-GAAP number of shares used for per diluted share calculation  |                  | 182,093          |    | 181,539           |

# Reconciliation of U.S. GAAP Net Income to Non-GAAP Net Income and U.S. GAAP number of dilutive shares to Non-GAAP number of dilutive shares (in thousands, except per share data) (unaudited)

|   | Twelve M         | onth | s Ended          |
|---|------------------|------|------------------|
|   | June 25,<br>2017 |      | June 26,<br>2016 |
| U.S. GAAP net income  | \$<br>1,697,763  | \$   | 914,049          |
| Pre-tax non-GAAP items:   |                  |      |                  |
| Amortization related to intangible assets acquired in Novellus transaction - cost of goods sold                 | 85,000           |      | 85,000           |
| Product rationalization - cost of goods sold  | 6,127            |      | _                |
| Novellus acquisition-related inventory fair value impact - cost of goods sold                                   | _                |      | 777              |
| Restructuring charges - cost of goods sold  | _                |      | 371              |
| Restructuring charges - research and development  | _                |      | 4,355            |
| Product rationalization - research and development  | 1,650            |      | _                |
| Cost associated with campus consolidation - research and development  | 3,556            |      | 7,763            |
| KLA-Tencor acquisition-related costs - selling, general and administrative                                      | 9,972            |      | 50,985           |
| Gain on sale of assets, net associated exit costs - selling, general and administrative                         | _                |      | (15,223)         |
| Amortization related to intangible assets acquired in Novellus transaction -selling, general and administrative | 64,332           |      | 64,333           |
| Restructuring charges - selling, general and administrative   | _                |      | 4,997            |
| Costs associated with business process reengineering - selling, general and administrative                      | 7,487            |      | _                |
| Litigation settlement - selling, general and administrative   | 4,000            |      | _                |
| Amortization of note discounts - other expense, net   | 22,869           |      | 35,205           |
| Costs related to early termination of KLA-Tencor acquisition funding - other expense, net                       | 34,518           |      | _                |
| Amortization of bridge loan issuance costs and other related fees - other expense, net                          | _                |      | 33,843           |
| KLA-Tencor pre-acquisition funding interest expense, net - other expense, net                                   | 20,391           |      | 3,821            |
| Net income tax benefit on non-GAAP items  | (47,941)         |      | (49,859)         |
| Income tax benefit on conclusion of certain tax matters   | (109,191)        |      | (3,017)          |
| Change to income tax benefit due to a court ruling  | _                |      | (22,812)         |
| Income tax benefit related to tax extenders, primarily the research and development credit                      | _                |      | (13,603)         |
| Non-GAAP net income   | \$<br>1,800,533  | \$   | 1,100,985        |
| Non-GAAP net income per diluted share   | \$<br>9.98       | \$   | 6.37             |
| U.S. GAAP number of shares used for per diluted share calculation   | 183,770          |      | 175,159          |
| Effect of convertible note hedge  | <br>(3,302)      |      | (2,398)          |
| Non-GAAP number of shares used for per diluted share calculation  | 180,468          |      | 172,761          |

Reconciliation of U.S. GAAP Gross Margin, Operating Expenses and Operating Income to Non-GAAP Gross Margin, Operating Expenses and **Operating Income** (unaudited)

|  | Three Months Ended |                  |    |                   |    |                      |    |                      |
|--|--------------------|------------------|----|-------------------|----|----------------------|----|----------------------|
|  |                    | June 25,<br>2017 |    | March 26,<br>2017 | Ι  | December 25,<br>2016 | Se | eptember 25,<br>2016 |
| U.S. GAAP gross margin   | \$                 | 1,068,961        | \$ | 971,404           | \$ | 846,797              | \$ | 716,197              |
| Pre-tax non-GAAP items:  |                    |                  |    |                   |    |                      |    |                      |
| Amortization related to intangible assets acquired in Novellus transaction |                    | 21,250           |    | 21,250            |    | 21,250               |    | 21,250               |
| Product rationalization  |                    | _                |    | _                 |    | 6,127                |    | _                    |
| Non-GAAP gross margin  | \$                 | 1,090,211        | \$ | 992,654           | \$ | 874,174              | \$ | 737,447              |
| U.S. GAAP gross margin as a percentage of revenue                          |                    | 45.6%            |    | 45.1%             |    | 45.0%                |    | 43.9%                |
| Non-GAAP gross margin as a percentage of revenue                           |                    | 46.5%            |    | 46.1%             |    | 46.4%                |    | 45.2%                |
| U.S. GAAP operating expenses   | \$                 | 461,022          | \$ | 432,986           | \$ | 406,969              | \$ | 400,250              |
| Pre-tax non-GAAP items:  |                    |                  |    |                   |    |                      |    |                      |
| Amortization related to intangible assets acquired in Novellus transaction |                    | (16,083)         |    | (16,083)          |    | (16,083)             |    | (16,083)             |
| Costs associated with business process reengineering                       |                    | (4,813)          |    | (2,674)           |    |                      |    |                      |
| KLA-Tencor acquisition-related costs                                       |                    | _                |    | _                 |    | _                    |    | (9,972)              |
| Litigation settlement  |                    |                  |    |                   |    | (4,000)              |    |                      |
| Product rationalization  |                    | _                |    | _                 |    | (1,650)              |    |                      |
| Cost associated with campus consolidation                                  |                    |                  |    |                   |    | (995)                |    | (2,561)              |
| Non-GAAP operating expenses  | \$                 | 440,126          | \$ | 414,229           | \$ | 384,241              | \$ | 371,634              |
| Non-GAAP operating income  | \$                 | 650,085          | \$ | 578,425           | \$ | 489,933              | \$ | 365,813              |
| GAAP operating margin as percent of revenue                                |                    | 25.9%            |    | 25.0%             |    | 23.4%                |    | 19.4%                |
| Non-GAAP operating margin as a percent of revenue                          |                    | 27.7%            |    | 26.9%             |    | 26.0%                |    | 22.4%                |

#### Reconciliation of U.S. GAAP Other Income (Expense), Net to Non-GAAP Other Income (Expense), Net (in thousands) (unaudited)

|                                      | Three Months Ended |                  |                   |         |  |  |  |
|--------------------------------------|--------------------|------------------|-------------------|---------|--|--|--|
|                                      |                    | June 25,<br>2017 | March 26,<br>2017 |         |  |  |  |
| U.S. GAAP Other expense, net         | \$                 | (4,444)          | \$                | (7,838) |  |  |  |
| Pre-tax non-GAAP items:              |                    |                  |                   |         |  |  |  |
| Amortization of note discounts       |                    | 5,631            |                   | 5,654   |  |  |  |
| Non-GAAP Other income (expense), net | \$                 | 1,187            | \$                | (2,184) |  |  |  |

#### Reconciliation of U.S. GAAP Income Tax Rate to Non-GAAP Income Tax Rate (in thousands) (unaudited)

|  | Three Months Ende |                  |    | Ended             |
|--|-------------------|------------------|----|-------------------|
|  |                   | June 25,<br>2017 | ľ  | March 26,<br>2017 |
| U.S. GAAP income before income taxes   | \$                | 603,495          | \$ | 530,580           |
| U.S. GAAP income tax expense (benefit)   | \$                | 77,071           | \$ | (44,133)          |
| U.S. GAAP income tax rate  |                   | 12.8%            |    | (8.3)%            |
| Pre-tax non-GAAP items:  |                   |                  |    |                   |
| Amortization related to intangible assets acquired in Novellus transaction - cost of goods sold                  | \$                | 21,250           | \$ | 21,250            |
| Amortization related to intangible assets acquired in Novellus transaction - selling, general and administrative |                   | 16,083           |    | 16,083            |
| Cost associated with business process reengineering- selling, general and administrative                         |                   | 4,813            |    | 2,674             |
| Amortization of note discounts - other expense, net  |                   | 5,631            |    | 5,654             |
| Non-GAAP income before taxes   | \$                | 651,272          | \$ | 576,241           |
|  |                   | _                |    |                   |
| Net income tax benefit on non-GAAP items   | \$                | 5,697            | \$ | 6,418             |
| Income tax benefit on conclusion of certain tax matters  |                   | 2,986            |    | 106,205           |
| Non-GAAP income tax expense  | \$                | 85,754           | \$ | 68,490            |
| Non-GAAP income tax rate   |                   | 13.2%            |    | 11.9%             |
|  |                   |                  |    |                   |

# Reconciliation of U.S. GAAP to Non-GAAP Guidance for the September 2017 quarter (unaudited)

|                              | U              | S. GA | AAP           |       | onciling<br>tems | N              | on-GA  | AAP           |
|------------------------------|----------------|-------|---------------|-------|------------------|----------------|--------|---------------|
| Shipments                    | \$2.35 Billion | +/-   | \$100 Million |       |                  | \$2.35 Billion | +/-    | \$100 Million |
| Revenue                      | \$2.45 Billion | +/-   | \$100 Million |       | _                | \$2.45 Billion | +/-    | \$100 Million |
| Gross margin                 | 45.6%          | +/-   | 1%            | \$ 21 | Million          | 46.5%          | +/-    | 1%            |
| Operating margin             | 26.5%          | +/-   | 1%            | \$ 37 | Million          | 28.0%          | +/-    | 1%            |
| Net income per diluted share | \$2.98         | +/-   | \$0.12        | \$ 37 | Million          | \$3.25         | +/-    | \$0.12        |
| Diluted share count          | 18             | 7 Mil | lion          | 4     | Million          | 1              | 83 mil | lion          |

The information provided above is only an estimate of what the Company believes is realizable as of the date of this release, and does not incorporate the potential impact of any business combinations, asset acquisitions, divestitures, balance sheet valuation adjustments, financing arrangements, other investments, or other significant transactions that may be completed after the date of this release. U.S. GAAP to non-GAAP reconciling items provided include only those items that are known and can be estimated as of the date of this release. Actual results will vary from this model and the variations may be material. Reconciling items included above are as follows:

- Gross Margin amortization related to intangible assets acquired in the Novellus transaction, \$21 million.
- Operating margin amortization related to intangible assets acquired in the Novellus transaction, \$37 million.
- Earnings per share amortization related to intangible assets acquired in the Novellus transaction, \$37 million; amortization of note discounts, \$6 million; and associated tax benefit for non-GAAP items (\$6) million; totaling \$37 million.
- Diluted share count impact of a note hedge issued contemporaneously with the convertible notes due 2018, 4 million shares.

#### RECONCILIATION OF DEFERRED REVENUE

(in millions)
(unaudited)

|   | Three Months Ended |                  |    |                   |  |
|---|--------------------|------------------|----|-------------------|--|
|   |                    | June 25,<br>2017 |    | March 26,<br>2017 |  |
| Beginning Balance   | \$                 | 842.1            | \$ | 672.6             |  |
| Shipments   |                    | 2,542.7          |    | 2,412.7           |  |
| Revenue   |                    | (2,344.9)        |    | (2,154.0)         |  |
| Net Change in Japan (1)   |                    | (136.3)          |    | (131.2)           |  |
| Services & Other  |                    | 62.4             |    | 42.0              |  |
| Ending Balance  | \$                 | 966.0            | \$ | 842.1             |  |
| Value of shipments to Japanese customers not recorded as deferred revenue (2) | \$                 | 396.5            | \$ | 260.2             |  |

<sup>(1)</sup> Net change in the value of orders shipped from backlog to Japanese customers that are not recorded as deferred revenue. These shipments are classified as inventory at cost until title transfers

<sup>(2)</sup> The value of orders shipped from backlog to Japanese customers that are not recorded as deferred revenue. These shipments are classified as inventory at cost until title transfers.

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