## Second Quarter FY 2013 <br> Earnings Call Highlights

May 16, 2013


The new VIISta Trident ${ }^{\circledR}$ system is the semiconductor industry's most advanced single-wafer high current implant solution

## Safe Harbor Statement

This presentation contains forward-looking statements, including those regarding Applied's products, opportunities, and Q3'13 expectations. These statements are subject to known and unknown risks and uncertainties that could cause actual results to differ materially from those expressed or implied by such statements, including uncertain global economic and industry conditions, demand for electronic products and semiconductors, and customers' new technology and capacity requirements; the concentrated nature of Applied's customer base; Applied's ability to (i) develop, deliver and support a broad range of products and expand its markets, (ii) timely align its cost structure with business conditions and achieve intended objectives, (iii) attract, motivate and retain key employees, and (iv) accurately forecast future operating and financial results, which depends on multiple assumptions; and other risks described in our most recent Form 10-Q. All forward-looking statements are based on management's estimates, projections and assumptions as of May 16, 2013, and Applied undertakes no obligation to update any forward-looking statements.

This presentation also contains non-GAAP adjusted financial measures, along with reconciliations to GAAP.

## Contents

- Q2 FY'13 highlights
- Q2 FY'13 financial summary (consolidated)
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## Q2 FY'13 Highlights

Second consecutive quarter with more than $\$ 2$ billion in new orders

Net sales of $\$ 1.97$ billion up 25 percent sequentially

Non-GAAP* adjusted EPS of 16 cents exceeded high end of outlook; GAAP loss of 11 cents per share reflected impairment charges in Energy and Environmental Solutions

## Q2'13 Income Statement Summary (consoidated)

New orders:

## Backlog:

Net sales:

Non-GAAP adjusted gross margin*:

Non-GAAP adjusted operating income/margin*:

Non-GAAP adjusted effective tax rate*:

Non-GAAP adjusted net income*:
\$2.3B - up 7.2\% from Q1'13
\$2.3B - up 9.1\% from Q1'13
\$2.0B - up 25.4\% from Q1'13
43.2\% - up 3.4 percentage points from Q1'13
$\$ 285 \mathrm{M}$ or $14.4 \%$ of net sales
24.9\%
$\$ 199 \mathrm{M}$ or $\$ 0.16$ per diluted share

## Summary Income Statement (consolidated)

| Unaudited <br> \$ Amounts in Millions Except EPS | Q2'13 | Q1'13 | Q2'12 |
| :--- | :---: | :---: | :---: |
| New orders | $\mathbf{\$ 2 , 2 6 6}$ | $\$ 2,113$ | $\$ 2,765$ |
| Net sales | $\mathbf{\$ 1 , 9 7 3}$ | $\$ 1,573$ | $\$ 2,541$ |
| Gross margin (Non-GAAP adjusted)* | $\mathbf{4 3 . 2 \%}$ | $39.8 \%$ | $42.1 \%$ |
| RD\&E | $\mathbf{1 7 . 4 \%}$ | $19.3 \%$ | $12.6 \%$ |
| SG\&A | $\mathbf{1 2 . 4 \%}$ | $14.6 \%$ | $11.1 \%$ |
| Operating margin <br> (Non-GAAP adjusted)* $^{*}$ | $\mathbf{1 4 . 4 \%}$ | $7.1 \%$ | $19.3 \%$ |
| Net income (Non-GAAP adjusted)* | $\mathbf{\$ 1 9 9 M}$ | $\$ 69 \mathrm{M}$ | $\$ 349 \mathrm{M}$ |
| Net income \% (Non-GAAP adjusted)* | $\mathbf{1 0 . 1 \%}$ | $4.4 \%$ | $13.7 \%$ |
| EPS (Non-GAAP adjusted)* | $\mathbf{\$ 0 . 1 6}$ | $\$ 0.06$ | $\$ 0.27$ |

## New Orders Regional Distribution (consolidated)



Q2 FY'13
\$2.3 Billion


Q1 FY'13
\$2.1 Billion

## Net Sales Regional Distribution (consolidated)



## Q2'13 Other Financials Summary

Cash, cash equivalents and investments:

Inventory:

Days sales outstanding:

Capital spending:

Depreciation and amortization:

Headcount:

Increased \$35M to \$2.9B
\$1.3B, essentially flat with Q1'13

59 days vs. 64 days in Q1'13
\$51M
\$106M
~13,600 regular employees*

## Summary Balance Sheet

| Unaudited <br> \$ Amounts in millions | Q2'13 | Q1'13 | Q2'12 |
| :--- | ---: | ---: | ---: |
|  <br> investments | $\mathbf{\$ 2 , 8 5 0}$ | $\$ 2,815$ | $\$ 3,241$ |
| Accounts receivables, net | $\mathbf{\$ 1 , 2 7 5}$ | $\$ 1,109$ | $\$ 1,785$ |
| Inventories | $\mathbf{\$ 1 , 3 1 8}$ | $\$ 1,278$ | $\$ 1,594$ |
| Property, plant \& equip., net | $\mathbf{\$ 8 8 6}$ | $\$ 900$ | $\$ 939$ |
| Total assets | $\mathbf{\$ 1 1 , 6 9 5}$ | $\$ 11,714$ | $\$ 13,877$ |
| Long-term debt | $\mathbf{\$ 1 , 9 4 6}$ | $\$ 1,946$ | $\$ 1,946$ |
| Total stockholders' equity | $\mathbf{\$ 6 , 8 9 8}$ | $\$ 7,142$ | $\$ 8,703$ |
| Current ratio | $\mathbf{2 . 3}$ |  | 2.4 |
| Total debt / capital ratio | $\mathbf{2 2 . 0} \%$ | $21.4 \%$ | $18.3 \%$ |

## Reporting Segments



SILICON SYSTEMS GROUP

Designs, manufactures and sells equipment used to fabricate semiconductor chips


APPLIED GLOBAL SERVICES

Broad range of products* to maintain, service and optimize customers' semiconductor, display and solar fabs


DISPLAY

Designs, manufactures and sells equipment used to make flat panel displays


## ENERGY \&

 ENVIRONMENTAL SOLUTIONSDesigns, manufactures and sells equipment used to fabricate solar cells and modules and flexible electronics

* Include total parts management, spare parts, remanufactured equipment, maintenance agreements, total support programs, environmental and software solutions and thin film solar lines


## Q2'13 Net Sales \& New Orders by Segment



Net Sales \$2.0 Billion

New Orders
\$2.3 Billion

## Backlog by Segment



Q2 FY'13
\$2.3 Billion


Q1 FY'12
\$2.1 Billion

## Silicon Systems Group Segment



Net Sales \& Non-GAAP Adjusted Operating Income*


- Orders were \$1.55B, up $14 \%$ QoQ
- Growth primarily driven by Memory
- Net sales were \$1.29B, up 33\% QoQ
- Led by Foundry
- Non-GAAP adjusted operating income of \$329M or $25.5 \%$ of net sales*

Q2'13 ORDERS BY CUSTOMER SEGMENT

| Foundry | DRAM | Flash |  <br> Others |
| :---: | :---: | :---: | :---: |
| $66 \%$ | $10 \%$ | $11 \%$ | $13 \%$ |

* See slide 23 for reconciliation of GAAP to non-GAAP adjusted measures


## Applied Global Services Segment



Net Sales \& Non-GAAP Adjusted Operating Income*


- Orders were \$481M, down 12\% QoQ
- Primarily due to the timing of service contract renewals which are typically concentrated in the first fiscal quarter
- Net sales were \$517M, up $10 \%$ QoQ
- Non-GAAP adjusted operating income of $\$ 120 \mathrm{M}$ or $23.2 \%$ of net sales*
* See slide 24 for reconciliation of GAAP to non-GAAP adjusted measures


## Display Segment

New Orders


Net Sales \& Non-GAAP Adjusted Operating Income*


- Orders were \$195M, up $41 \%$ from prior quarter
- Driven by initial recovery in TV equipment investment
- Net sales were \$127M, up 46\% QoQ
- Non-GAAP adjusted operating income of $\$ 21 \mathrm{M}$ or $16.5 \%$ of net sales*
* See slide 25 for reconciliation of GAAP to non-GAAP adjusted measures


## Energy \& Environmental Solutions Segment



Net Sales \& Non-GAAP Adjusted
Operating Loss*
\$79M


Net Sales $\square$ Non-GAAP Adjusted Operating Loss and Margin

* See slide 26 for reconciliation of GAAP to non-GAAP adjusted measures


## Q3 FY'13 Expectations (as of May 16,2013 )



* Excludes known charges related to completed acquisitions of approximately \$0.04 per share; outlook does not exclude other non-GAAP adjustments that may arise subsequent to Q2'13 earnings release.


## Reconciliation of GAAP to Non-GAAP Adjusted Results (unaudited)

## (In millions, except percentages) Non-GAAP Adjusted Gross Margin <br> Reported gross margin (GAAP basis) <br> Certain items associated with acquisitions ${ }^{1}$ <br> Acquisition integration and deal costs Non-GAAP adjusted gross margin <br> Non-GAAP adjusted gross margin \% <br> (\% of net sales)

## Non-GAAP Operating Income

Reported operating income (loss) (GAAP basis) Impairment of goodwill and intangible assets Certain items associated with acquisitions ${ }^{1}$ Acquisition integration and deal costs Restructuring charges and asset impairments ${ }^{2,3,4}$ Non-GAAP adjusted operating income
Non-GAAP adjusted operating margin percent (\% of net sales)

## Non-GAAP Net Income

Reported net income (loss) (GAAP basis)
Impairment of goodwill and intangible assets
Certain items associated with acquisitions ${ }^{1}$
Acquisition integration and deal costs
Restructuring charges and asset impairments ${ }^{2,3,4}$ Impairment of strategic investments
Reinstatement of federal R\&D tax credit
Resolution of audits of prior years' income tax filings ncome tax effect of non-GAAP adjustments Non-GAAP adjusted net income

## Non-GAAP Earnings Per Diluted Share

 Reported earnings (loss) per diluted share (GAAP basis)Impairment of goodwill and intangible assets Certain items associated with acquisitions Acquisition integration and deal costs Restructuring charges and asset impairments Reinstatement of federal R\&D tax credit and resolution of audits of prior years' income tax filings Non-GAAP adjusted earnings per diluted share Weighted average number of diluted shares
$\qquad$

| April 28, |
| :---: |
| 2013 |

Three Months Ende

- 2013 | January 27, |
| :---: |
| 2013 |


$\qquad$
\$ $582 \quad \$ \quad 1,011$


| $\$$ | $(68)$ |
| :---: | :---: |
|  | 278 |
|  | 53 |
|  | 12 |
|  | 10 |
| $\$$ | 285 |
|  | $14.4 \%$ |



| \$ | (129) | \$ | 34 | \$ | 289 | \$ | (95) | \$ | 406 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 278 |  | - |  | - |  | 278 |  | - |
|  | 53 |  | 54 |  | 71 |  | 107 |  | 186 |
|  | 12 |  | 10 |  | 10 |  | 22 |  | 60 |
|  | 10 |  | 9 |  | - |  | 19 |  | - |
|  | 2 |  | - |  | 3 |  | 2 |  | 3 |
|  | (3) |  | (10) |  | - |  | (13) |  | - |
|  | - |  | (11) |  | (7) |  | (11) |  | (7) |
|  | (24) |  | (17) |  | (17) |  | (41) |  | (59) |
| \$ | 199 | \$ | 69 | \$ | 349 | \$ | 268 | \$ | 589 |
| \$ | (0.11) | \$ | 0.03 | \$ | 0.22 | \$ | (0.08) | \$ | 0.31 |
|  | 0.22 |  | - |  | - |  | 0.22 |  | - |
|  | 0.04 |  | 0.03 |  | 0.04 |  | 0.07 |  | 0.11 |
|  | 0.01 |  | 0.01 |  | 0.01 |  | 0.02 |  | 0.03 |
|  | - |  | 0.01 |  | - |  | 0.01 |  | - |
|  | - |  | (0.02) |  | - |  | (0.02) |  | - |
| \$ | 0.16 | \$ | 0.06 | \$ | 0.27 | \$ | 0.22 | \$ | 0.45 |
|  | 1,217 |  | 1,212 |  | 1,301 |  | 1,216 |  | 1,305 |

1 These items are incremental charges attributable to acquisitions, consisting of inventory fair value adjustments on products sold, and amortization of purchased intangible assets (see slide 20 for further details).

2 Results for the three months ended April 28, 2013 included $\$ 4$ million of employee-related costs related to the restructuring program announced on October 3, 2012 and restructuring and asset impairment charges of $\$ 6$ million related to the restructuring program announced on May 10, 2012.

3 Results for the three months ended January 27, 2013 included \$4 million of employee-related costs, net, related to the restructuring program announced on October 3, 2012; asset impairment charges of $\$ 3$ million related to the restructuring program announced on May 10, 2012; and severance charges of \$2 million related to the integration of Varian.

4 Results for the six months ended Apri 28,2013 included $\$ 8$ million of employee-related costs, net, related to the restructuring program announced on October 3, 2012; restructuring and asset impairment charges of $\$ 9$ million related to the restructuring program announced on May 10, 2012; and severance charges of $\$ 2$ million related to the integration of Varian.

## Integration and Deal Costs and Certain Items Associated with Acquisitions*

## (In millions) <br> Integration and deal costs and certain items associated with acquisitions <br> Cost of products sold <br> Research, development and engineering <br> Selling, general and administrative Total



## Reconciliation of GAAP to Non-GAAP Adjusted Gross Margin (Consolidated)

|  | Three Months Ended |  |  |  |  |  | Six Months Ended |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | April 28, 2013 |  | January 27, 2013 |  | April 29, 2012 |  | April 28, 2013 |  | April 29, 2012 |  |
| (In millions, except percentages) |  |  |  |  |  |  |  |  |  |  |
| Net Sales (GAAP basis) | \$ | 1,973 | \$ | 1,573 | \$ | 2,541 | \$ | 3,546 | \$ | 4,730 |
| Reported gross margin (GAAP basis) | \$ | 808 | \$ | 582 | \$ | 1,011 | \$ | 1,390 | \$ | 1,797 |
| Certain items associated with acquisitions |  | 43 |  | 43 |  | 59 |  | 86 |  | 163 |
| Acquisition integration and deal costs |  | 1 |  | 1 |  | - |  | 2 |  | - |
| Non-GAAP adjusted gross margin | \$ | 852 | \$ | 626 | \$ | 1,070 | \$ | 1,478 | \$ | 1,960 |
| GAAP gross margin percent (\% of net sales) |  | 41.0\% |  | 37.0\% |  | 39.8\% |  | 39.2\% |  | 38.0\% |
| Non-GAAP adjusted gross gross margin percent (\% of net sales) |  | 43.2\% |  | 39.8\% |  | 42.1\% |  | 41.7\% |  | 41.4\% |

## Reconciliation of GAAP to Non-GAAP Adjusted Operating Expenses

|  | Three Months Ended |  |
| :--- | ---: | ---: |
| (In millions) |  |  |
| April 28, 2013 |  |  |
| Operating expenses (GAAP basis) | $\$$ | 876 |
| Impairment of goodwill and intangible assets |  | $(278)$ |
| Acquisition integration costs | $(11)$ |  |
| Certain items associated with acquisitions | $(10)$ |  |
| Restructuring charges and asset impairments |  | $(10)$ |
| Non-GAAP adjusted operating expenses | $\$$ | 567 |

## Reconciliation of GAAP to Non-GAAP Adjusted SSG Operating Income and Margin

(In millions, except percentages)

## Net sales (GAAP basis)

Reported operating income (GAAP basis)
Certain items associated with acquisitions Acquisition integration and deal costs Restructuring charges and asset impairments Non-GAAP adjusted operating income

| Three Months Ended |  |  |  |  |  | Six Months Ended |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| April 28, 2013 |  | January 27, 2013 |  | April 29, 2012 |  | April 28, 2013 |  | April 29, 2012 |  |
| \$ | 1,291 | \$ | 969 | \$ | 1,777 | \$ | 2,260 | \$ | 3,121 |
| \$ | 283 | \$ | 134 | \$ | 504 | \$ | 417 | \$ | 775 |
|  | 45 |  | 44 |  | 60 |  | 89 |  | 161 |
|  | 1 |  | 1 |  | 10 |  | 2 |  | 24 |
|  | - |  | 1 |  | - |  | 1 |  | - |
| \$ | 329 | \$ | 180 | \$ | 574 | \$ | 509 | \$ | 960 |
|  | 21.9\% |  | 13.8\% |  | 28.4\% |  | 18.5\% |  | 24.8\% |
|  | 25.5\% |  | 18.6\% |  | 32.3\% |  | 22.5\% |  | 30.8\% |

## Reconciliation of GAAP to Non-GAAP Adjusted AGS Operating Income and Margin

(In millions, except percentages)

## Net Sales (GAAP basis)

Reported operating income (GAAP basis)
Certain items associated with acquisitions
Restructuring charges and asset impairments
Non-GAAP adjusted operating income

GAAP operating margin percent (\% of net sales)

Non-GAAP adjusted operating margin percent (\% of net sales)

| Three Months Ended |  |  |  |  |  | Six Months Ended |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| April 28, 2013 |  | January 27, 2013 |  | April 29, 2012 |  | April 28, 2013 |  | April 29, 2012 |  |
| \$ | 517 | \$ | 471 | \$ | 551 | \$ | 988 | \$ | 1,085 |
| \$ | 118 | \$ | 89 | \$ | 109 | \$ | 207 | \$ | 216 |
|  | 1 |  | 1 |  | 2 |  | 2 |  | 8 |
|  | 1 |  | 1 |  | - |  | 2 |  | - |
| \$ | 120 | \$ | 91 | \$ | 111 | \$ | 211 | \$ | 224 |
|  | 22.8\% |  | 18.9\% |  | 19.8\% |  | 21.0\% |  | 19.9\% |
|  | 23.2\% |  | 19.3\% |  | 20.1\% |  | 21.4\% |  | 20.6\% |

## Reconciliation of GAAP to Non-GAAP Adjusted Display Operating Income and Margin

(In millions, except percentages)
Net Sales (GAAP basis)
Reported operating income (GAAP basis)
Certain items associated with acquisitions
Non-GAAP adjusted operating income

GAAP operating margin percent (\% of net sales)
Non-GAAP adjusted operating margin percent (\% of net sales)

| Three Months Ended |  |  |  |  |  | Six Months Ended |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| April 28, 2013 |  | January 27, 2013 |  | April 29, 2012 |  | April 28, 2013 |  | April 29, 2012 |  |
| \$ | 127 | \$ | 87 | \$ | 134 | \$ | 214 | \$ | 238 |
| \$ | 19 | \$ | 3 | \$ | 7 | \$ | 22 | \$ | 12 |
|  | 2 |  | 2 |  | 2 |  | 4 |  | 4 |
| \$ | 21 | \$ | 5 | \$ | 9 | \$ | 26 | \$ | 16 |
|  | 15.0\% |  | 3.4\% |  | 5.2\% |  | 10.3\% |  | 5.0\% |
|  | 16.5\% |  | 5.7\% |  | 6.7\% |  | 12.1\% |  | 6.7\% |

## Reconciliation of GAAP to Non-GAAP Adjusted EES Operating Loss and Margin

(In millions, except percentages)

## Net Sales (GAAP basis)

Reported operating loss (GAAP basis)
Impairment of goodwill and intangible assets Certain items associated with acquisitions Restructuring charges and asset impairments Non-GAAP adjusted operating loss

GAAP operating margin percent (\% of net sales)
Non-GAAP adjusted operating margin percent (\% of net sales)

| Three Months Ended |  |  |  |  |  | Six Months Ended |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| April 28, 2013 |  | January 27, 2013 |  | April 29, 2012 |  | April 28, 2013 |  | April 29, 2012 |  |
| \$ | 38 | \$ | 46 | \$ | 79 | \$ | 84 | \$ | 286 |
| \$ | (322) | \$ | (54) | \$ | (63) | \$ | (376) | \$ | (86) |
|  | 278 |  | - |  | - |  | 278 |  | - |
|  | 5 |  | 7 |  | 6 |  | 12 |  | 12 |
|  | 5 |  | 3 |  | - |  | 8 |  | - |
| \$ | (34) | \$ | (44) | \$ | (57) | \$ | (78) | \$ | (74) |
|  | -847.4\% |  | -117.4\% |  | -79.7\% |  | -447.6\% |  | -30.1\% |
|  | -89.5\% |  | -95.7\% |  | -72.2\% |  | -92.9\% |  | -25.9\% |

## Reconciliation of GAAP to Non-GAAP Adjusted Effective Tax Rate

Three Months Ended
April 28, 2013
(In millions, except percentages)
Provision (benefit) for income taxes (GAAP basis) ..... \$ ..... 39
Reinstatement of federal R\&D tax creditNon-GAAP adjusted provision for income taxes
Income before income taxes (GAAP basis)(90)
Impairment of goodwill and intangible assets ..... 278
Certain items associated with acquisitions ..... 53
Acquisition integration and deal costs ..... 12
Restructuring charges and asset impairments ..... 10
Impairment of strategic investmentsNon-GAAP adjusted income before income taxes

|  | 2 |
| ---: | ---: |
| $\$ \quad 265$ |  |

Effective income tax rate (GAAP basis) ..... -43.3\%
Non-GAAP adjusted effective income tax rate ..... 24.9\%

## Reconciliation of Forecasted Non-GAAP Adjusted EPS - 3Q FY'13

Forecasted earnings per share (GAAP basis)
Known charges related to completed acquisitions
Forecasted non-GAAP adjusted EPS three months ended July 28, 2013

Three Months Ended
July 28, 2013
Forecasted
\$0.12-\$0.16
\$0.04
\$0.16-\$0.20

The forecast does not exclude other non-GAAP adjustments that may arise subsequent to Q2'13 earnings release


