2Q10 Investor Conference

August 6, 2010

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We have made forward-looking statements in this presentation. Our forward-looking statements contain information regarding, among other things, our financial condition, future expansion plans and business strategies. We have based these forward-looking statements on our current expectations and projections about future events. Although we believe that these expectations and projections are reasonable, such forward-looking statements are inherently subject to risks, uncertainties and assumptions about us.

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The information contained herein shall also not constitute an offer to sell or a solicitation of an offer to buy the company’s securities nor shall there be any sale of such securities in any state or country in which such offer, solicitation or sale would be unlawful prior to registration or qualification under the securities laws of any such state or country.
Agenda

✓ 2Q10 Financial Results
✓ Business Recap & Outlook
✓ Q&A

2Q10 Financial Results
### 2Q10 Income Statement
#### QoQ Comparison

<table>
<thead>
<tr>
<th>Unit: NT$ mil</th>
<th>2Q’10</th>
<th></th>
<th>1Q’10</th>
<th></th>
<th>QoQ change</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Amount</td>
<td>%</td>
<td>Amount</td>
<td>%</td>
<td>Amount</td>
<td>%</td>
</tr>
<tr>
<td>Net Sales</td>
<td>8,531</td>
<td>100</td>
<td>7,013</td>
<td>100</td>
<td>1,518</td>
<td>22</td>
</tr>
<tr>
<td>Gross Profit</td>
<td>2,119</td>
<td>25</td>
<td>1,171</td>
<td>17</td>
<td>948</td>
<td>81</td>
</tr>
<tr>
<td>Operating Income</td>
<td>1,290</td>
<td>15</td>
<td>484</td>
<td>7</td>
<td>806</td>
<td>167</td>
</tr>
<tr>
<td>Pretax Income</td>
<td>1,236</td>
<td>14</td>
<td>384</td>
<td>5</td>
<td>852</td>
<td>222</td>
</tr>
<tr>
<td>Net Income (loss)</td>
<td>1,236</td>
<td>14</td>
<td>384</td>
<td>5</td>
<td>852</td>
<td>222</td>
</tr>
<tr>
<td>EPS (NTD)</td>
<td>0.33</td>
<td>11</td>
<td>0.11</td>
<td></td>
<td>0.22</td>
<td></td>
</tr>
<tr>
<td>EBITDA</td>
<td>3,967</td>
<td>47</td>
<td>3,070</td>
<td>44</td>
<td></td>
<td></td>
</tr>
<tr>
<td>D&amp;A</td>
<td>2,677</td>
<td>31</td>
<td>2,546</td>
<td>37</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note: All financial figures are unconsolidated.

### 2Q10 Income Statement
#### YoY Comparison

<table>
<thead>
<tr>
<th>Unit: NT$ mil</th>
<th>2Q’10</th>
<th></th>
<th>2Q’09</th>
<th></th>
<th>YoY change</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Amount</td>
<td>%</td>
<td>Amount</td>
<td>%</td>
<td>Amount</td>
<td>%</td>
</tr>
<tr>
<td>Net Sales</td>
<td>8,531</td>
<td>100</td>
<td>4,202</td>
<td>100</td>
<td>4,329</td>
<td>103</td>
</tr>
<tr>
<td>Gross Profit</td>
<td>2,119</td>
<td>25</td>
<td>(1,661)</td>
<td>(39)</td>
<td>3,780</td>
<td>n/a</td>
</tr>
<tr>
<td>Operating Income</td>
<td>1,290</td>
<td>15</td>
<td>(2,326)</td>
<td>(55)</td>
<td>3,616</td>
<td>n/a</td>
</tr>
<tr>
<td>Pretax Income</td>
<td>1,236</td>
<td>14</td>
<td>(2,754)</td>
<td>(65)</td>
<td>3,990</td>
<td>n/a</td>
</tr>
<tr>
<td>Net Income (loss)</td>
<td>1,236</td>
<td>14</td>
<td>(2,754)</td>
<td>(65)</td>
<td>3,990</td>
<td>n/a</td>
</tr>
<tr>
<td>EPS (NTD)</td>
<td>0.33</td>
<td></td>
<td>( 0.76)</td>
<td>(1.09)</td>
<td>1.09</td>
<td></td>
</tr>
<tr>
<td>EBITDA</td>
<td>3,967</td>
<td>47</td>
<td>220</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>D&amp;A</td>
<td>2,677</td>
<td>31</td>
<td>2,546</td>
<td>61</td>
<td></td>
<td></td>
</tr>
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</table>

Note: All financial figures are unconsolidated.
### Balance Sheet as of Jun. 30, 2010

**QoQ Comparison**

<table>
<thead>
<tr>
<th>Unit: NT$ mil</th>
<th>Jun 30 '10</th>
<th>Mar 31 '10</th>
<th>QoQ change</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Amount</td>
<td>%</td>
<td>Amount</td>
</tr>
<tr>
<td>Cash &amp; Equivalents</td>
<td>3,909</td>
<td>6</td>
<td>3,535</td>
</tr>
<tr>
<td>Net Fixed Assets</td>
<td>39,909</td>
<td>60</td>
<td>41,925</td>
</tr>
<tr>
<td>Total Assets</td>
<td>66,199</td>
<td>100</td>
<td>66,575</td>
</tr>
<tr>
<td>L-T Liabilities</td>
<td>13,833</td>
<td>21</td>
<td>15,117</td>
</tr>
<tr>
<td>SH Equity</td>
<td>35,232</td>
<td>53</td>
<td>34,142</td>
</tr>
</tbody>
</table>

Current Ratio | 0.95 | 0.84 |
Net Debt/ Equity Ratio | 0.56 | 0.65 |

Note: 1. All financial figures are unconsolidated

### 2Q10 Statement of Cash flow

**QoQ Comparison**

<table>
<thead>
<tr>
<th>Unit: NT$ mil</th>
<th>2Q’10</th>
<th>1Q’10</th>
<th>QoQ change</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Amount</td>
<td>Amount</td>
<td>Amount</td>
</tr>
<tr>
<td>Operating Cash Flow</td>
<td>3,440</td>
<td>1,252</td>
<td>2,188</td>
</tr>
<tr>
<td>Investing Cash Flow</td>
<td>(1,186)</td>
<td>(2,156)</td>
<td>970</td>
</tr>
<tr>
<td>Financing Cash Flow</td>
<td>(1,880)</td>
<td>1,579</td>
<td>(3,459)</td>
</tr>
<tr>
<td>Cash &amp; Equivalents</td>
<td>3,909</td>
<td>3,535</td>
<td>374</td>
</tr>
<tr>
<td>Depreciation and Amortization</td>
<td>2,677</td>
<td>2,586</td>
<td>91</td>
</tr>
<tr>
<td>CAPEX</td>
<td>1,126</td>
<td>2,379</td>
<td>(1,253)</td>
</tr>
</tbody>
</table>

Note: All financial figures are unconsolidated
Revenue and GM Trend - Winbond alone

**Revenue**
- 3Q08: 5.1 NT$ bil
- 4Q08: 3.8
- 1Q09: 3.1
- 2Q09: 4.2
- 3Q09: 5.7
- 4Q09: 6.5
- 1Q10: 7.8
- 2Q10: 8.5

**Gross Margin**
- 3Q08: 11%
- 4Q08: -44%
- 1Q09: -71%
- 2Q09: -39%
- 3Q09: -2%
- 4Q09: 16%
- 1Q10: 17%
- 2Q10: 25%

**Note:**
1. All financial figures are unconsolidated.
2. Figures before Y2009 are re-classified in accordance with SFAS NO.10.

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Revenue and GM Trend - Consolidated

**Revenue**
- 3Q08: 7.2 NT$ bil
- 4Q08: 5.1
- 1Q09: 4.4
- 2Q09: 6.3
- 3Q09: 7.8
- 4Q09: 8.3
- 1Q10: 8.9
- 2Q10: 10.8

**Gross Margin**
- 3Q08: 9%
- 4Q08: -24%
- 1Q09: -39%
- 2Q09: -14%
- 3Q09: 9%
- 4Q09: -21%
- 1Q10: 22%
- 2Q10: 29%

**Note:**
1. Entities in the consolidated statements include Nuvoton, WEC America, WEC Japan, etc.
2. Figures before Y2009 are re-classified in accordance with SFAS NO.10.
Geometry Breakdown in 12” Fab (by wafer shipment)

Memory Geometry in 2Q10:
6% in 110nm, 64% in 90nm, 1% in 80nm, 6% in 75nm, and 23% in 65nm.

Treasury Shares and ESOP Updates

**Treasury Shares**

<table>
<thead>
<tr>
<th>Unit: Mil Shares, Cost: NT$/Share</th>
<th>Bought</th>
<th>Transferred</th>
<th>Cancelled/Sold</th>
<th>End Balance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Baystar</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shares</td>
<td>Cost</td>
<td>Shares</td>
<td>Cost</td>
<td>Shares</td>
</tr>
<tr>
<td>Bought</td>
<td>Transferred</td>
<td>Cancelled/Sold</td>
<td>End Balance</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>14</td>
<td>-</td>
<td>-</td>
<td>1</td>
</tr>
</tbody>
</table>

**ESOP**

<table>
<thead>
<tr>
<th>Unit: Mil Shares</th>
<th>New grant</th>
<th>Exercised</th>
<th>Invalid</th>
<th>End Balance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bought</td>
<td>Transferred</td>
<td>Cancelled/Sold</td>
<td>Vested Not Exercised</td>
<td>-</td>
</tr>
<tr>
<td>-</td>
<td>-</td>
<td>1</td>
<td>41</td>
<td></td>
</tr>
</tbody>
</table>

Note1: Total outstanding shares: 3,656M
2. Based on Jun. 30, 2010 figures
Business Recap and Outlook

2Q10 Business Recap- Overall

- 22% QoQ/103% YoY revenue growth with 98% in Specialty Memory
  - Fast revenue growth in Serial Flash driven by smooth 12" production ramp-up, increasing share in world class tier-1 customers and ASP increase
  - HDD and LCD TV drove the business growth in Specialty DRAM
  - Business exposure in commodity DRAM reduced to 2%
  - Improvement in product mix, product cost and ASP significantly enhances the profitability
2Q10 Business Recap - Revenue Breakdown

Note 1. Graphics DRAM includes DDR2x16, DDR3 x16, and GDDR

2. All financial figures are unconsolidated

2Q10 Business Recap

**SPECIALTY DRAM**
- 27% QoQ revenue growth
- Gained market share in quality-sensitive customers
- Per unit density grew by 30% contributed by 512Mb and 1Gb in consumer applications
- 65nm product shipment ramped up

**NOR FLASH**
- 63% QoQ revenue growth
- Supply behind demand and moderate price increase
- Gained market share in many world-class brand names
- 200mm wafer production ended in June
2Q10 Business Recap (cont’d)

**MOBILE RAM**
- 25% QoQ revenue growth
- Stable and major share of CRAM in leading NOR MCP makers
- Volume shipment of LP DRAM

**GRAPHICS DRAM**
- 18% QoQ revenue growth
- Volume shipment of GDDR3 and GDDR5

3Q10 Winbond Business Outlook

- Maintain growth against conservative Q3 market outlook
- Stable business from world class tier-1 customers
- Continuous improvement in specialty product mix, customer mix, product cost and new product introduction

**SPECIALTY DRAM**
- Improved competitiveness with 65nm products becoming mainstream

**NOR Flash**
- Maintain growth by increasing business base in tier-1 customers
- Further growth will be driven by new products to be introduced in Q3 and Q4 and increasing capacity
3Q10 Winbond Business Outlook (cont’d)

**MOBILE RAM**
- Strong demand in pseudo SRAM from world leading NOR MCP makers

**GRAPHICS DRAM**
- Focus on GDDR3/GDDR5, but reduced exposure due to limited capacity

Y2010 CAPEX Updates

<table>
<thead>
<tr>
<th>Year</th>
<th>CAPEX (NT$ Billion)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2007</td>
<td>7.9</td>
</tr>
<tr>
<td>2008</td>
<td>14.1</td>
</tr>
<tr>
<td>2009</td>
<td>4.2</td>
</tr>
<tr>
<td>2010E</td>
<td>7.9</td>
</tr>
</tbody>
</table>

**Purposes of Y2010 CAPEX**:
- 90nm Flash capacity to 10K WPM
- 65nm DRAM capacity to 16K WPM.
- Graphics DRAM equipment
- 46nm DRAM technology development.
Questions
&
Answers

Website: www.winbond.com