Safe Harbor Notice

The information herein contains forward-looking statements. 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, including, among other things: the intensely competitive Semi-conductor, and LED industries and markets; Cyclical nature of the semiconductor industry; Risks associated with global business activities; General economic and political conditions. All financial figures discussed herein are prepared pursuant to ROC GAAP on an un-audited unconsolidated basis. All audited figures will be publicly announced upon the completion of our audited process.
Company at a Glance

- **Founded**: July, 25, 1995
- **Paid-in Capital**: NTDS 786M (2012.12.31-the latest)
- **Employees**: 919 (2012.12.31)
Business Portfolio
## Net Sales by Region

<table>
<thead>
<tr>
<th>Region</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>of Total sales</th>
</tr>
</thead>
<tbody>
<tr>
<td>Taiwan</td>
<td>2,362</td>
<td>1,749</td>
<td>1,412</td>
<td>1,645</td>
<td>53%</td>
</tr>
<tr>
<td>China</td>
<td>1,001</td>
<td>737</td>
<td>452</td>
<td>143</td>
<td>28%</td>
</tr>
<tr>
<td>Singapore</td>
<td>79</td>
<td>131</td>
<td>131</td>
<td>142</td>
<td>5%</td>
</tr>
<tr>
<td>EU</td>
<td>8</td>
<td>11</td>
<td>18</td>
<td>22</td>
<td>1%</td>
</tr>
<tr>
<td>USA</td>
<td>91</td>
<td>162</td>
<td>158</td>
<td>319</td>
<td>12%</td>
</tr>
<tr>
<td>RoW</td>
<td>64</td>
<td>461</td>
<td>126</td>
<td>47</td>
<td>2%</td>
</tr>
</tbody>
</table>

**Pie Chart**
- **USA, 17.5%**
- **TW, 71.3%**
- **SG, 8.3%**
- **EU, 1.1%**
- **Ro Asia, 1.8%**

**Bar Chart**
- **2012 of Total sales**
  - Taiwan: 53%
  - China: 28%
  - Singapore: 5%
  - EU: 1%
  - USA: 12%
  - RoW: 2%
R&D Expenses, Capex and Depreciation

R&D Expenses

Capex and Depreciation Expenses
LED
LED Turnkey Solution

Chip Level
- Prober
- Sorter

Package Level
- Handler
- Tapping

2 in 1 (Prober + Sorter)
- Reduce spacing demand for capex
- Reduce workforce
- Process improvement
Fully Auto New Product

**Die Prober**
Vertical and normal LED

**LED AOI**
Fully-Auto Wafer Loader
Inspection Time: 5 min
Exchange Time 15 sec

**COB Sorter**
well suited for various COB-type products
LED field application

Architectural is the early LED adopter, but residential is expected to become the most significant LED application soon

LED Growth Geographically

Asia is an early adopter of LED, and leads the global LED general lighting market

# LED Lighting Product Channels

**Lighting product channels differ by value chain and application**

<table>
<thead>
<tr>
<th>Rough estimate of channel share² at present</th>
<th>Market environment shift impacting channel structure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percent</td>
<td>Direct channels¹</td>
</tr>
<tr>
<td>Residential</td>
<td>0</td>
</tr>
<tr>
<td>Professional</td>
<td>10</td>
</tr>
<tr>
<td>Fixtures</td>
<td></td>
</tr>
<tr>
<td>Residential</td>
<td>10</td>
</tr>
<tr>
<td>Architectural/outdoor</td>
<td>80</td>
</tr>
<tr>
<td>Other professional</td>
<td>20</td>
</tr>
</tbody>
</table>

- **Market value will increase in the short term due to the higher price of LED lighting (on average)**
- **However, market value in the replacement arena will start to shrink soon**
- **Market value will continuously rise**
- **The importance of technical know-how is increasing, especially in professional channels due to LED and lighting control system penetration**

*Source: McKinsey&Company 2012*
2011 ~ 2012 MOCVD Request by Region

Source: DIGITIMES 2012/9
2012 LED Growth by Region

USD Million

Source: DIGITIMES 2012/9
Geography & Product Mix

by Geography

- Korea, 71,1, 1%
- Taiwan, 35, 11%
- China, 1049, 87%
- Others, 11

by Product

- 1Q-12(S):
  - Sorter: 29
  - Other: 93
- 2Q-12(S):
  - Sorter: 76
  - Other: 215
- 3Q-12(S):
  - Sorter: 97
  - Other: 601
- 4Q-12(S):
  - Sorter: 14
  - Other: 77
China LED Chip Distribution

The LED epi wafer & chip field, more than 70 LED makers in the LED epi wafer & chip field and the production value reached 625 million USD.
Product Mix

<table>
<thead>
<tr>
<th>Quarter</th>
<th>LCD Driver IC</th>
<th>Logic</th>
<th>Niche Memory</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q1'12</td>
<td>71%</td>
<td>24%</td>
<td>5%</td>
</tr>
<tr>
<td>Q2'12</td>
<td>70%</td>
<td>26%</td>
<td>3%</td>
</tr>
<tr>
<td>Q3'12</td>
<td>63%</td>
<td>34%</td>
<td>3%</td>
</tr>
<tr>
<td>Q4'12</td>
<td>72%</td>
<td>26%</td>
<td>2%</td>
</tr>
</tbody>
</table>
Major Customers

Design Houses
- Novatek
- Himax
- Marvell
- OmniVision
- NVIDIA
- Orise Tech

Foundries
- TSMC
- UMC
- GLOBALFOUNDRIES

Testing Houses
- KYEC
- CHIPBOND
- ChipMOS
- IST
Pin-Shipment & B/B Ratio

Pin

Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec

2010 | 2011 | 2012

2010 | 2011 | 2012

0.97 | 1.32 | 1.39
0.91 | 0.83 | 0.75
1.14 | 0.78 | 0.78
1.04 | 1.01 | 0.91
### Global Semi-Conductor Forecast

#### Global Semi-Conductor Growth Forecast

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Global Market</td>
<td>304.0</td>
<td>316.1</td>
<td>345.8</td>
<td>361.3</td>
<td>385.2</td>
<td>413.0</td>
<td>6.30%</td>
</tr>
<tr>
<td>Growth(%)</td>
<td>1.5%</td>
<td>4.0%</td>
<td>9.4%</td>
<td>4.5%</td>
<td>6.6%</td>
<td>7.2%</td>
<td>-</td>
</tr>
</tbody>
</table>

#### Global Semi-Conductor Application Forecast

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Auto</td>
<td>24.1</td>
<td>25.1</td>
<td>26.7</td>
<td>28.5</td>
<td>31.2</td>
<td>33.8</td>
<td>7.0%</td>
</tr>
<tr>
<td>Communication</td>
<td>78.9</td>
<td>83.7</td>
<td>89.8</td>
<td>93.8</td>
<td>99.3</td>
<td>105.4</td>
<td>6.0%</td>
</tr>
<tr>
<td>Consumer</td>
<td>46.0</td>
<td>46.4</td>
<td>48.7</td>
<td>49.8</td>
<td>51.4</td>
<td>52.8</td>
<td>2.8%</td>
</tr>
<tr>
<td>Info.</td>
<td>124.6</td>
<td>129.8</td>
<td>146.0</td>
<td>151.5</td>
<td>162.4</td>
<td>176.6</td>
<td>7.2%</td>
</tr>
<tr>
<td>Industry</td>
<td>26.9</td>
<td>27.5</td>
<td>30.7</td>
<td>33.8</td>
<td>36.8</td>
<td>40.2</td>
<td>8.4%</td>
</tr>
<tr>
<td>Military</td>
<td>3.5</td>
<td>3.6</td>
<td>3.9</td>
<td>3.9</td>
<td>4.1</td>
<td>4.2</td>
<td>3.7%</td>
</tr>
<tr>
<td>Global Semi</td>
<td>304.0</td>
<td>316.1</td>
<td>345.8</td>
<td>361.3</td>
<td>385.2</td>
<td>413.0</td>
<td>6.3%</td>
</tr>
</tbody>
</table>
## Income Statement

<table>
<thead>
<tr>
<th>NT$1,000</th>
<th>Q3' 2012</th>
<th>Q3' 2011</th>
<th>YoY(%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Net Sales</td>
<td>1,885,904</td>
<td>3,081,069</td>
<td>-39%</td>
</tr>
<tr>
<td>Cost of Goods Sold</td>
<td>1,023,440</td>
<td>1,770,321</td>
<td>-42%</td>
</tr>
<tr>
<td>Gross Profit</td>
<td>862,464</td>
<td>1,310,748</td>
<td>-34%</td>
</tr>
<tr>
<td>Operating Expense</td>
<td>663,242</td>
<td>756,145</td>
<td>-12%</td>
</tr>
<tr>
<td>Operating Income</td>
<td>198,885</td>
<td>553,712</td>
<td>-64%</td>
</tr>
<tr>
<td>Investment Income &amp; Others</td>
<td>-2,308</td>
<td>92,202</td>
<td>-103%</td>
</tr>
<tr>
<td>Net Income (before tax)</td>
<td>196,577</td>
<td>645,914</td>
<td>-70%</td>
</tr>
<tr>
<td>EPS (before tax)</td>
<td>2.32</td>
<td>7.51</td>
<td></td>
</tr>
</tbody>
</table>

### Sales and Income Chart

- **Net Sales (NT$1,000)**
  - 2009
  - 2010
  - 2011
  - 2012

- **Jan.**
- **Feb.**
- **Mar.**
- **Apr.**
- **May**
- **Jun.**
- **Jul.**
- **Aug.**
- **Sep.**
- **Oct.**
- **Nov.**
- **Dec.**
## Balance Sheet Highlight

<table>
<thead>
<tr>
<th>Amount: NT$ Million</th>
<th>Q3’ 2012</th>
<th>Q3’ 2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cash and Cash Equivalents</td>
<td>539</td>
<td>863</td>
</tr>
<tr>
<td>Long-term Investments</td>
<td>424</td>
<td>472</td>
</tr>
<tr>
<td>Fixed Assets</td>
<td>1,373</td>
<td>1,084</td>
</tr>
<tr>
<td>Total Assets</td>
<td>4,788</td>
<td>5,220</td>
</tr>
<tr>
<td>LT Debt</td>
<td>79</td>
<td>89</td>
</tr>
<tr>
<td>Shareholders' Equity</td>
<td>2,92</td>
<td>3,104</td>
</tr>
<tr>
<td>EBITDA</td>
<td>197</td>
<td>646</td>
</tr>
</tbody>
</table>

*EBITDA = operating income + depreciation & amortization expenses*
Thank You

http://www.mpi.com.tw