Presentation Disclaimer

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 IFRS. All audited figures will be publicly announced upon the completion of our audited process.
**Company at a Glance**

- **MPI Corporation Founded**: July 25, 1995
- **Paid-in Capital**: NTD$ 799M (as of 2019.4.30 - the latest)
- **Employees**: 1,530 (as of 2019.4.30)

**Timeline**:
- 1995: MPI Corporation Founded
- 2001: Photonics Automation Division Established
- 2003: MPI on Taiwan OTC
- 2014: Advanced Semiconductor Test (AST) Division Established
- 2015: Thermal Test Division Established

**Business Portfolio**

- **Revenue Breakdown**
  - **2018 Q2**: 53% (Probe Card), 17% (LED), 22% (New Business Unit), 14% (Revenue)
  - **2018 Q3**: 50% (Probe Card), 23% (LED), 22% (New Business Unit), 13% (Revenue)
  - **2018 Q4**: 54% (Probe Card), 22% (LED), 21% (New Business Unit), 15% (Revenue)
  - **2019 Q1**: 54% (Probe Card), 21% (LED), 21% (New Business Unit), 15% (Revenue)

**Chart**

- **Y-axis**: Revenue Percentage
- **X-axis**: Time Period (2018 Q2, 2018 Q3, 2018 Q4, 2019 Q1)
- **Legend**: Probe Card, LED, New Business Unit, Revenue

**Graph Details**

- **Revenue Trends**: Showcasing growth and changes in revenue composition over the specified quarters.

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**Notes**

- *(For more detailed information, please refer to the document for specific figures and data)*

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**Diagram**: Graphical representation of business performance and portfolio development over time.
### Net Sales by Geographic

<table>
<thead>
<tr>
<th>Year</th>
<th>TAIWAN</th>
<th>CHINA</th>
<th>USA</th>
<th>Rest of Asia</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td>2178</td>
<td>1461</td>
<td>647</td>
<td>653</td>
<td>4199</td>
</tr>
<tr>
<td>2017</td>
<td>1649</td>
<td>667</td>
<td>653</td>
<td>661</td>
<td>3407</td>
</tr>
<tr>
<td>2018</td>
<td>653</td>
<td>713</td>
<td>653</td>
<td>199</td>
<td>3946</td>
</tr>
<tr>
<td>2019Q1</td>
<td>822</td>
<td>203</td>
<td>67</td>
<td>916</td>
<td>4476</td>
</tr>
</tbody>
</table>

2019Q1: 48.8% 22.2% 7.3% 21.7% 100%

#### Agenda

- **Business Contents**
  - Semi-conductor (Probe Card)
  - Photonics Automation (LED)
  - Thermal & AST

- **Financial Statements**
Global Probe Card Market Update

Probes Cards
$1.6 bn in 2017
CAGR 5% 2016-2021

Memory Applications
35%

Non-Memory Applications
65%

Epoxies / CPC
Advanced P/C
Cantilever
Vertical
MEMS

$202m
$267m
$419m
$1.6 bn in 2017
CAGR 5% 2016-2021

<table>
<thead>
<tr>
<th>(Rank)</th>
<th>2012</th>
<th>2013</th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>FormFactor, Inc.</td>
<td>USA</td>
<td>2</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Micronics Japan Co., Ltd.</td>
<td>Japan</td>
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<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
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<tr>
<td>Technoprobe</td>
<td>Italy</td>
<td>5</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Japan Electronic Materials</td>
<td>Japan</td>
<td>3</td>
<td>4</td>
<td>4</td>
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<td>4</td>
</tr>
<tr>
<td>MPI Corporation</td>
<td>Taiwan</td>
<td>7</td>
<td>5</td>
<td>5</td>
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</tr>
<tr>
<td>SV TCL</td>
<td>Singapore</td>
<td>11</td>
<td>10</td>
<td>9</td>
<td>7</td>
<td>6</td>
</tr>
<tr>
<td>Microfriend</td>
<td>Korea</td>
<td>18</td>
<td>7</td>
<td>8</td>
<td>10</td>
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<tr>
<td>Korea Instrument</td>
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<td>9</td>
<td>9</td>
<td>8</td>
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</tr>
<tr>
<td>Cascade Microtech</td>
<td>USA</td>
<td>9</td>
<td>8</td>
<td>7</td>
<td>6</td>
<td>9</td>
</tr>
<tr>
<td>FEINMETALL</td>
<td>Germany</td>
<td>12</td>
<td>11</td>
<td>11</td>
<td>11</td>
<td>10</td>
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</tbody>
</table>

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### CPC & VPC

**CPC**

![CPC Diagram]

**VPC**

![VPC Diagram]
Product Mix of CPC (Cantilever)

CPC Pin-Shipment
VPC Pin-Shipment

CPC and VPC Yearly Status
Gross Margin Between Global Peers

Operating Margin Between Global Peers
Photonics Automation (PA) Overview

- **Product**: LED, PD, LD, OLED, µLED or other
- **RD**: > 200
- **Production Capacity**: > 150/month
- **8 BUs**
- **Green**
Wafer Technology Migration

2019 Shipment

![Graph showing 2019 shipment data with units in thousands of units for each month from January to December.]
New Business Unit
(Thermal/AST)

Thermal

- Market size: roughly USD$30m
- Industries: Telecom / Automotive

http://www.mpi-thermal.com/media/
AST

- **Market size:** roughly USD$120m
- **Industry:** Foundry/IC design houses’ engineering stage process
Balance Sheet Highlight

<table>
<thead>
<tr>
<th></th>
<th>1Q 2019</th>
<th>1Q 2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cash and Cash Equivalents</td>
<td>969  12%</td>
<td>895  11%</td>
</tr>
<tr>
<td>Fixed Assets</td>
<td>3,336 42%</td>
<td>3,580 45%</td>
</tr>
<tr>
<td>Total Assets</td>
<td>7,965 100%</td>
<td>7,939 100%</td>
</tr>
<tr>
<td>LT Debt</td>
<td>31</td>
<td>497</td>
</tr>
<tr>
<td>Shareholders' Equity</td>
<td>4,222 53%</td>
<td>3,863 50%</td>
</tr>
<tr>
<td>EBITDA</td>
<td>105</td>
<td>69</td>
</tr>
</tbody>
</table>

*EBITDA=operating income + depreciation & amortization expenses*

Income Statement

<table>
<thead>
<tr>
<th></th>
<th>2019' Q1</th>
<th>2018' Q1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Net Sales</td>
<td>1,229,404 100%</td>
<td>1,091,690 100%</td>
</tr>
<tr>
<td>Cost of Goods Sold</td>
<td>742,939 60%</td>
<td>648,496 59%</td>
</tr>
<tr>
<td>Gross Profit</td>
<td>486,465 40%</td>
<td>443,194 41%</td>
</tr>
<tr>
<td>Operating Expense</td>
<td>398,514 33%</td>
<td>379,642 35%</td>
</tr>
<tr>
<td>Operating Income</td>
<td>87,951 7%</td>
<td>63,552 6%</td>
</tr>
<tr>
<td>Investment Income &amp; Others</td>
<td>17,166</td>
<td>6,397</td>
</tr>
<tr>
<td>Net Income (before tax)</td>
<td>92,038 7%</td>
<td>69,912 6%</td>
</tr>
<tr>
<td>EPS</td>
<td>1.15</td>
<td>0.89</td>
</tr>
</tbody>
</table>
Thank You

http://www mpi-corporation.com