







MPI Corporation. (6223.TT) RBS\_NDR\_2013

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#### **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**







#### **Business Portfolio**









#### **Net Sales by Region**





#### **R&D** Expenses, Capex and Depreciation



**R&D** Expenses



Capex and Depreciation Expenses











#### LED

## **LED Turnkey Solution**





#### **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



Source: McKinsey&Company 2012



## **LED Growth Geographically**

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



Source: McKinsey&Company 2012



## **LED Lighting Product Channels**

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



Rough estimate of channel share <sup>2</sup> at present Percent						Market environment shift impacting channel structure			
Light sources	Residential	0 30 70				<ul> <li>Market value will increase in the short term due to the higher price of LED lighting (on average)</li> </ul>			
	Professional	10	90	)	0	<ul> <li>However, market value in the replace- ment arena will start to shrink soon</li> </ul>			
Fixtures	Residential	10	50	2	10	<ul> <li>Market value will continuously rise</li> </ul>			
	Architectural/ outdoor		80		20 0	<ul> <li>The importance of technical know- how is increasing, especially in pro- fessional channels due to LED and lighting control system penetration</li> </ul>			
	Other professional	20		80	0				

Source: McKinsey&Company 2012



## **2011 ~ 2012 MOCVD Request by Region**



Source: DIGITIMES 2012/9



#### **2012 LED Growth by Region**



Source: DIGITIMES 2012/9



## **Geography & Product Mix**

## by Geography

#### by Product







## **China LED Chip Distribution**

#### **LED Chip Market Development 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.











#### **Probe Card**

#### **Product Mix**









## **Major Customers**



#### **Pin-Shipment & B/B Ratio**





#### **Global Semi-Conductor Forecast**

#### **Global Semi-Conductor Growth Forecast**

(Billion USD)	2011	2012	2013	2014	2015	2016	2011~2016CAGR
Global Market	304.0	316.1	345.8	361.3	385.2	413.0	6.30%
Growth(%)	1.5%	4.0%	9.4%	4.5%	6.6%	7.2%	-

#### **Global Semi-Conductor Application Forecast**

(Billion USD)	2011	2012	2013	2014	2015	2016	2011~2016CAGR
Auto	24.1	25.1	26.7	28.5	31.2	33.8	7.0%
Communication	78.9	83.7	89.8	93.8	99.3	105.4	6.0%
Consumer	46.0	46.4	48.7	49.8	51.4	52.8	2.8%
Info.	124.6	129.8	146.0	151.5	162.4	176.6	7.2%
Industry	26.9	27.5	30.7	33.8	36.8	40.2	8.4%
Military	3.5	3.6	3.9	3.9	4.1	4.2	3.7%
Global Semi	304.0	316.1	345.8	361.3	385.2	413.0	6.3%



#### **Income Statement**

NT\$1,000	Q3' 20 <i>°</i>	12	Q3' 20 <sup>-</sup>	11	YoY(%)
Net Sales	1,885,904	100%	3,081,069	100%	-39%
Cost of Goods Sold	1,023,440	54.3%	1,770,321	57.5%	-42%
Gross Profit	862,464	45.7%	1,310,748	42.5%	-34%
Operating Expense	663,242	35.2%	756,145	24.5%	-12%
Operating Income	198,885	10.5%	553,712	18.0%	-64%
Investment Income & Others	-2,308	-0.1%	92,202	3.0%	-103%
Net Income (before tax)	196,577	10.4%	645,914	21.0%	-70%
EPS (before tax)	2.32		7.51		



#### **Balance Sheet Highlight**

Amount: NT\$ Million	Q3' 2	Q3' 2011		
Cash and Cash Equivalents	539	11.3%	863	16.5%
Long-term Investments	424	8.9%	472	9.0%
Fixed Assets	1,373	28.7%	1,084	20.8%
Total Assets	4,788	100%	5,220	100%
LT Debt	79	1.7%	89	1.7%
Shareholders' Equity	2,92	61.0%	3,104	59.5%
EBITDA	197		646	

\*EBITDA=operating income + depreciation & amortization expenses



# **Thank You**

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