

**Bank of America Merrill Lynch
and Taiwan Stock Exchange
“Taiwan, Technology & Beyond” Conference**

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A. Company Profile

a1. Company at a Glance

a2. Business Portfolio

A a1. Company at a Glance

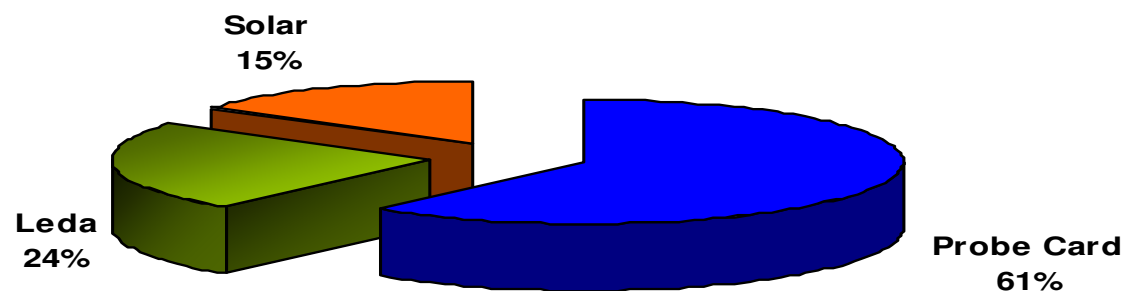
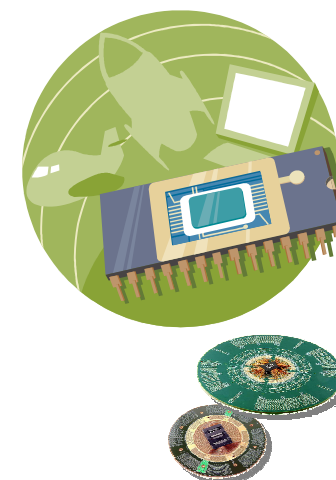
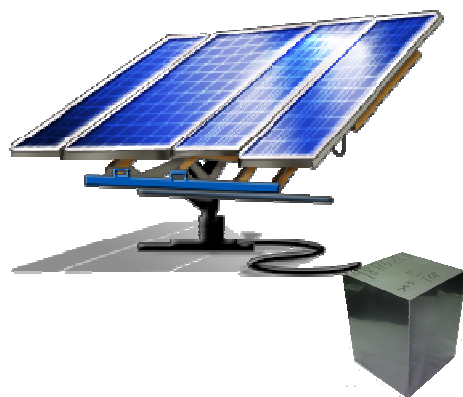
| | |
|-------------------------------|---|
| Address | No. 155, Chung-Ho St., Chu-Pei, Hsinchu, 302 Taiwan, R.O.C. |
| Founded | July, 25, 1995 |
| Paid-in Capital | NTD\$ 771M (2010.02.28) |
| No. of Employees | 767(2010.02.28) |
| Southern Taiwan Branch | No. 7, Luke 1st Rd., Luzhu Shiang, Kaohsiung, 821 Taiwan, R.O.C. |



A



a2. Business Portfolio : 2009





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B. Products

b1. LED: Prober & Sorter

- 01. LED Food Chain
- 02. LED Trend
- 03. Business Contents

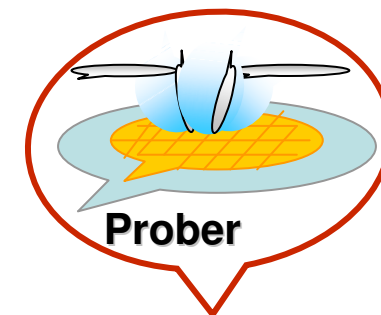
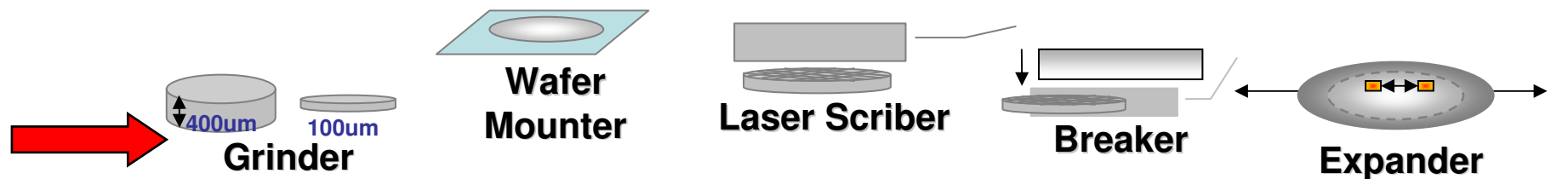
b2. Semi-conductor: Probe Card

- 01. Semi-conductor
- 02. Peer Group Analysis
- 03. Business Contents

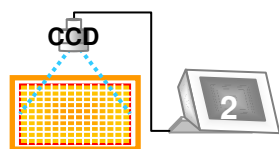
b3. Solar: Ingot Slicing

- 01. Wafer Process in Solar
- 02. Business Contents

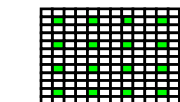
B1 01. LED EPI-Wafer Process



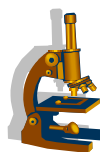
- MPI Co. (75%)
- Fitech Co.
- Chroma ATE Inc.



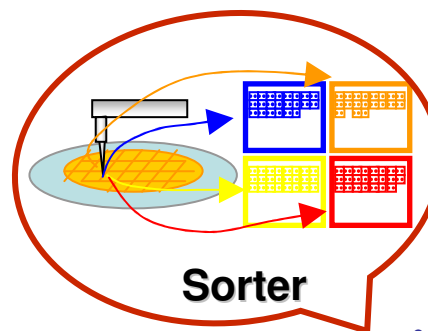
Counter



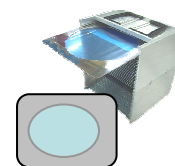
QC Prober



Post Inspection



- MPI Co. (30%)
- ASMP (HK)



Tape Mounter

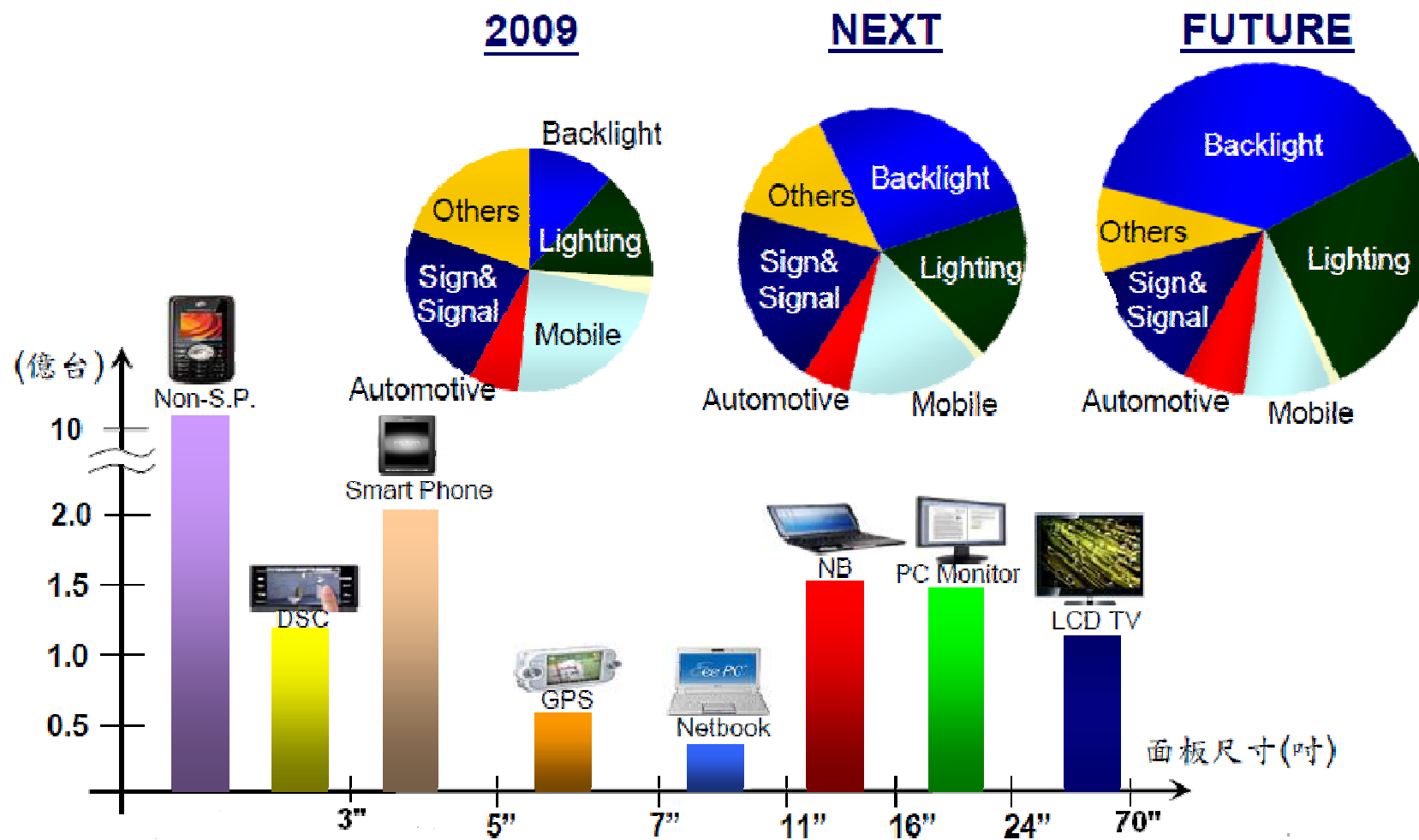
B1 02. LED Trend- Taiwan monthly output

MOCVD reactor count and monthly chip output for Taiwan epitaxy/wafer suppliers

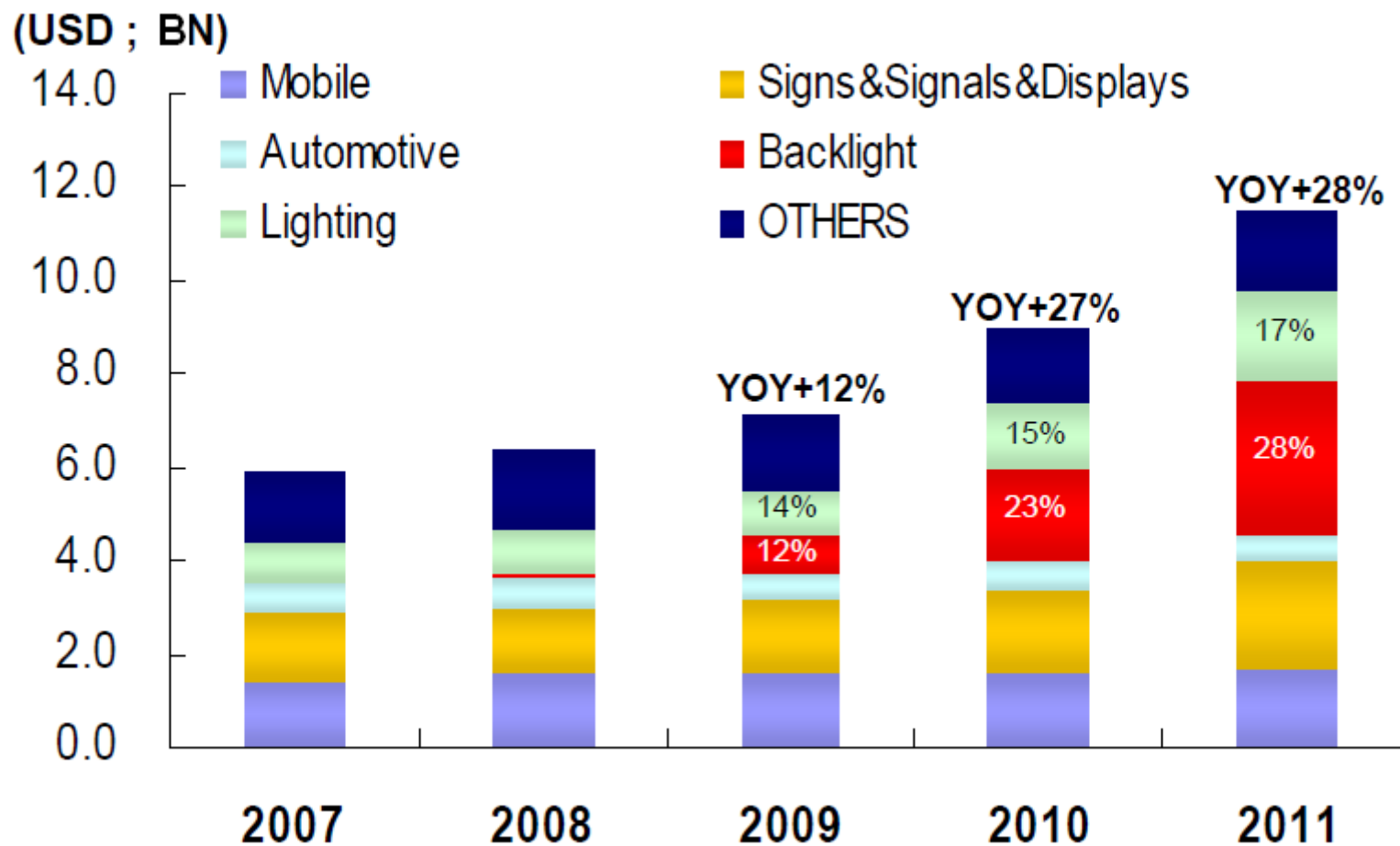
| Company | 2009 | | 2010E | | 2009 (m units/month) | | 2010E (m units/month) | |
|---------------------------------------|----------------|-------------|----------------|-------------|----------------------|--------------|-----------------------|--------------|
| | AllInGaP MOCVD | InGaN MOCVD | AllInGaP MOCVD | InGaN MOCVD | AllInGaP Chlps | InGaN chlps | AllInGaP Chlps | InGaN chlps |
| Epistar (2448 TT) | 90 | 100 | 90 | 130 | 1,600 | 1,350 | 1,600 | 1,850 |
| Forepi (3061 TT) | | 40 | | 80 | | 850 | | 1,200 |
| Arima Opto (6289 TT) | 25 | 15 | 25 | 15 | 1,000 | 250 | 1,000 | 250 |
| Genesis Photonics (3383 TT) | | 28 | | 35 | | 350 | | 550 |
| Tekcore (3339 TT) | 4 | 23 | 5 | 32 | 150 | 450 | 150 | 550 |
| Visual Photonics (2455 TT) | 6 | | 6 | | 150 | | 150 | |
| Opto Tech (2340 TT) | 8 | | 11 | | 350 | 300 | 450 | 500 |
| Tyntek (2426 TT) | | 3 | | 20 | | | | |
| Huga Optotech (8199 TT) | 10 | 28 | 10 | 60 | 180 | 600 | 180 | 1,200 |
| Lextek, a subsidiary of AUO | 0 | 15 | 0 | 65 | | 200 | | 1,200 |
| Chi-Mei Lighting, a subsidiary of GMO | 8 | 37 | 8 | 72 | 120 | 480 | 120 | 1,000 |
| Other tier-two suppliers | 18 | 30 | 25 | 50 | 400 | 500 | 550 | 900 |
| Total | 169 | 319 | 180 | 559 | 3,950 | 5,330 | 4,200 | 9,200 |
| YoY % change | 11.9 | 38.1 | 6.5 | 75.2 | 16.2 | 38.4 | 6.3 | 72.6 |
| Total MOCVD count | 488 | | 739 | | 9,280 | | 13,400 | |
| YoY % change | 27.7 | | 51.4 | | 28.0 | | 44.4 | |

Source: Various data, Daiwa forecasts

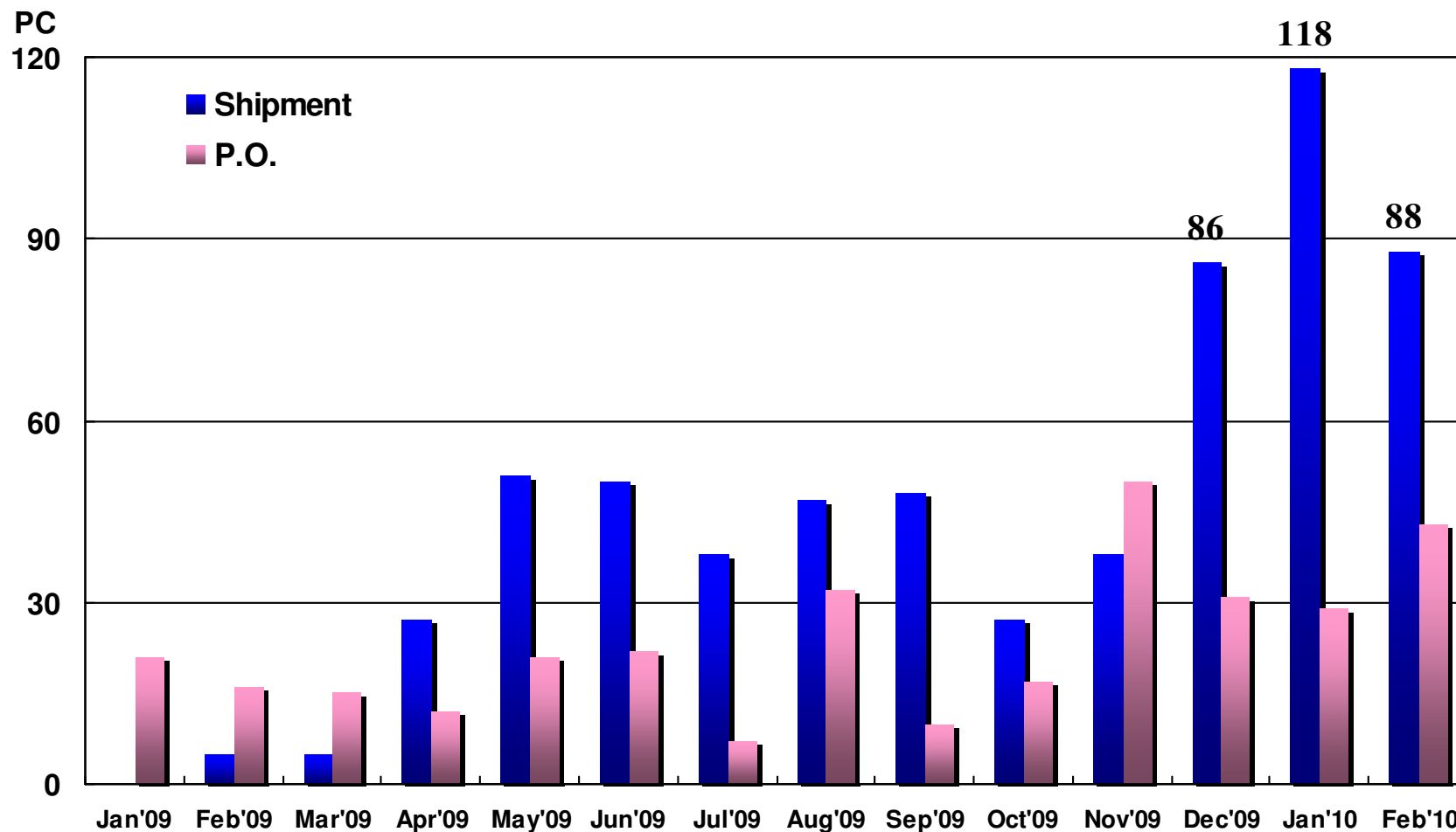
B1 02. LED Trend



B1 02. LED CAGR



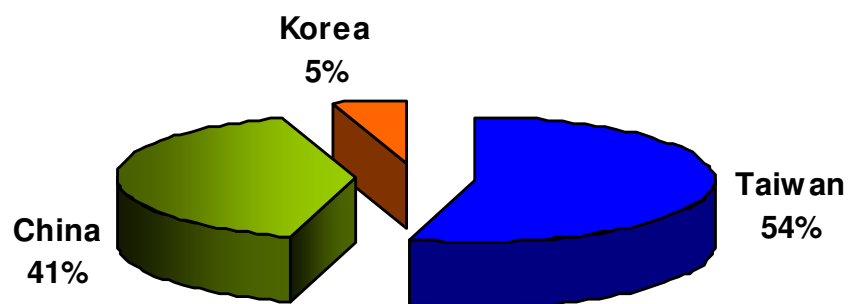
B1 03. Equipment Shipment 2009~2010



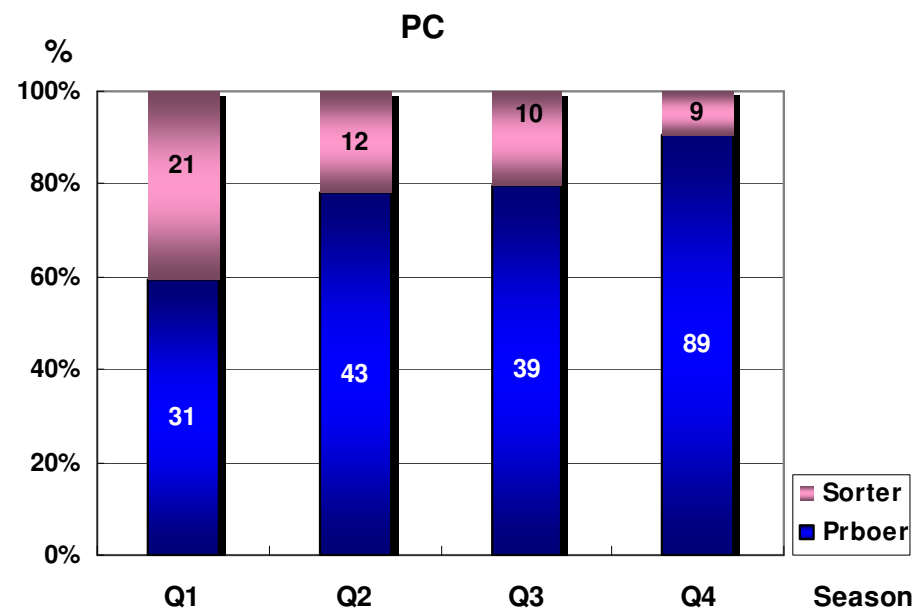
B1 03. Shipment: Geography & Product Mix

2009

by Geography



by Product



B1 03. 2009 Major Customers

Taiwan

鼎元光電科技股份有限公司
TYNTEK CORPORATION

Korea

China

武汉华灿光电有限公司
Wuhan HC SemiTek Co., Ltd.

三安光电股份有限公司

B1 03. Prober

LEDA-PT120 PROBER

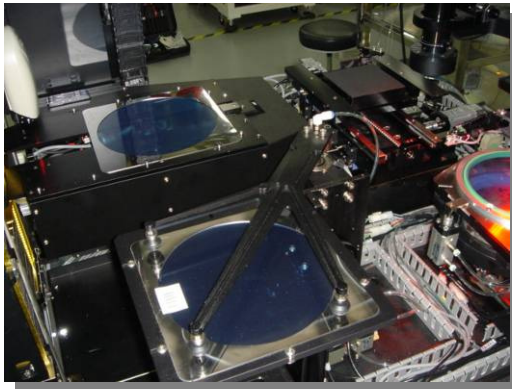
Semi-Automatic Probe Station



B1 ● 03. Sorter

LEDA-PNP

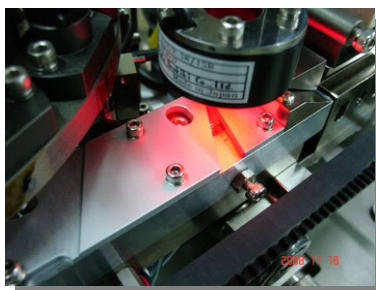
M7600 Fully-Auto Mapping Sorter



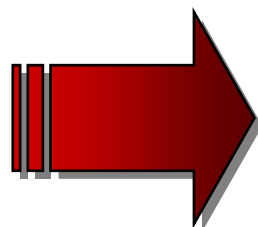
B1 03. Auto Taping Machine

PT-350 TAPING

LED-Auto Taping Machines



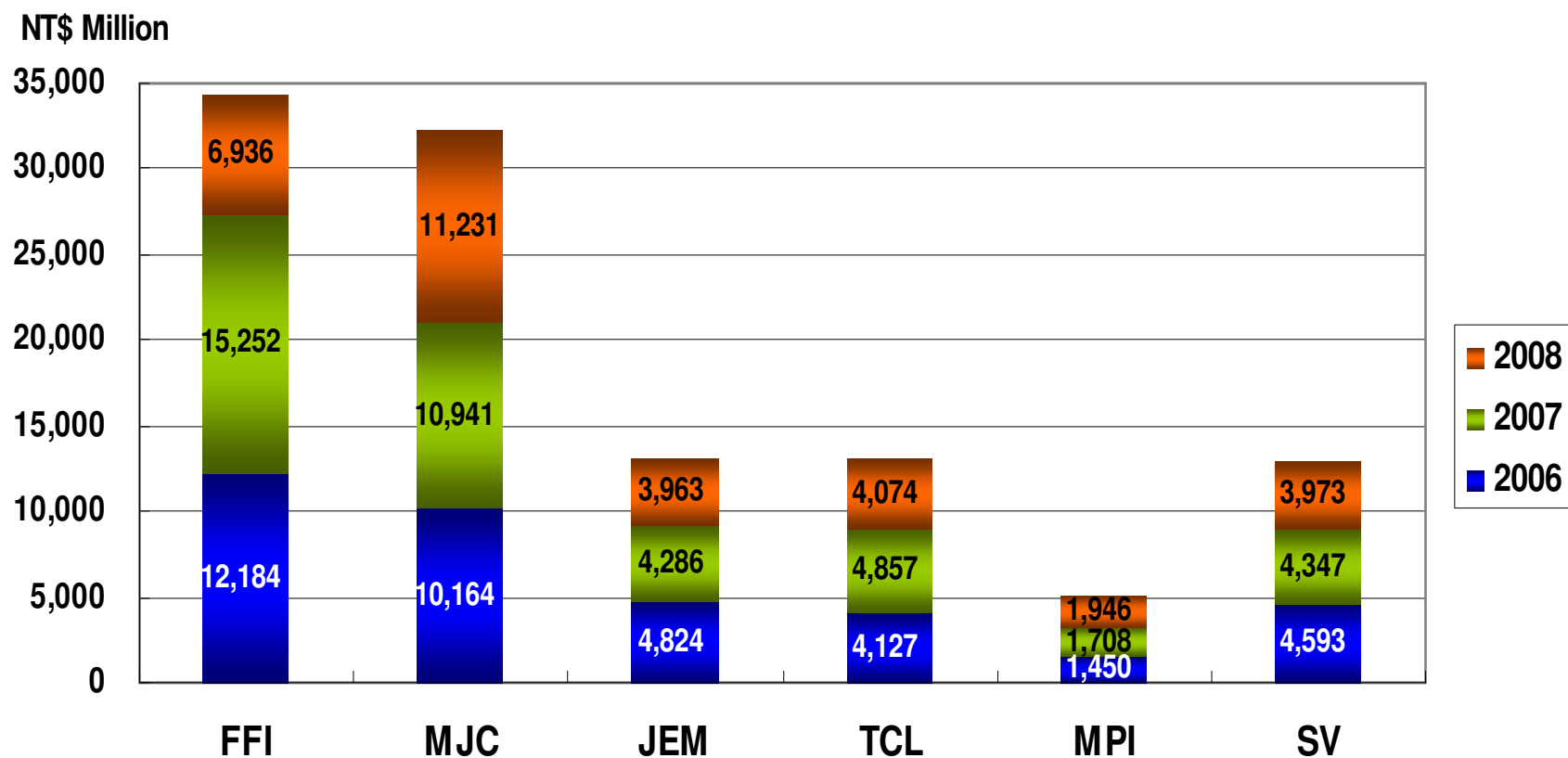
B1 03. State-of-the-Art 2 in 1 Machine



B2 01. Market Consensus: Semi-Conductor



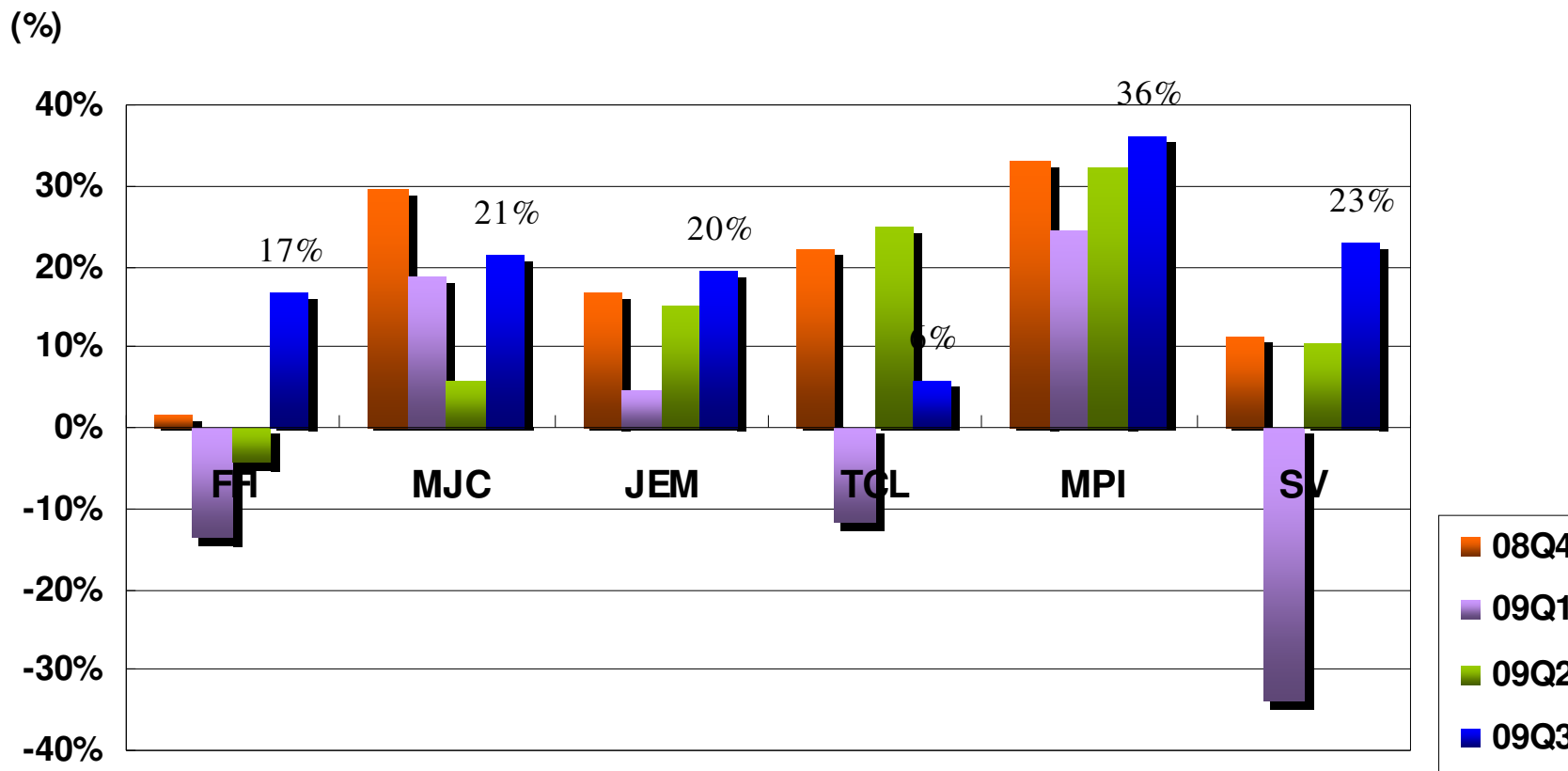
B2 b2. Peer Group Analysis



P1 : Exchange rate: 1 dollar = NT 33 ; 1 JPY = NT 0.3; 1SGD = NT 22

P2 : SV probe in 100% wholly own by Ellipsiz, an semi-conductor equipment maker, from 2006.

B2 b2. Peer Group Analysis (con.)



P1 : same quarter period in all company. Ex: Q1= 2008.01~2008.03.

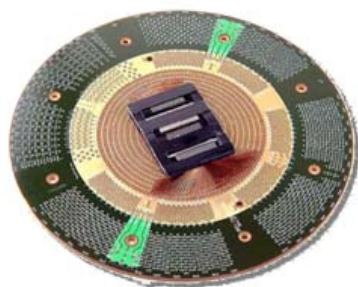
P2 : Exchange rate: 1 dollar = NT 33 ; 1 JPY = NT 0.3; 1SGD = NT 22

P3 : SV probe in 100% wholly own by Ellipsiz, an semi-conductor equipment maker, from 2006.

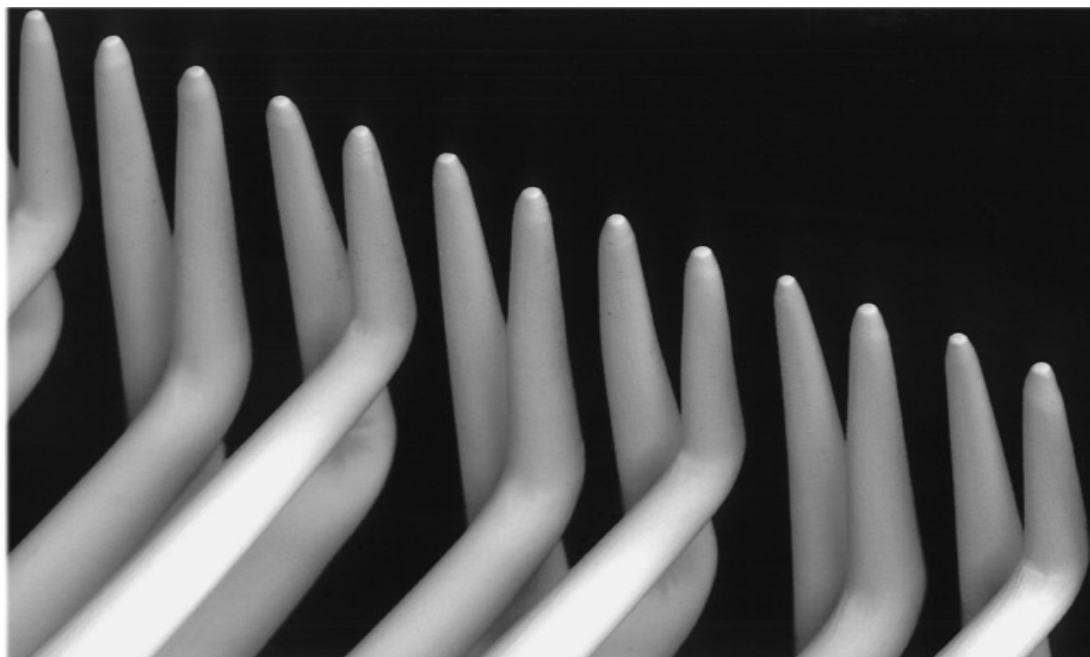
B2 03. Categories of Probe Card



Logic P/C

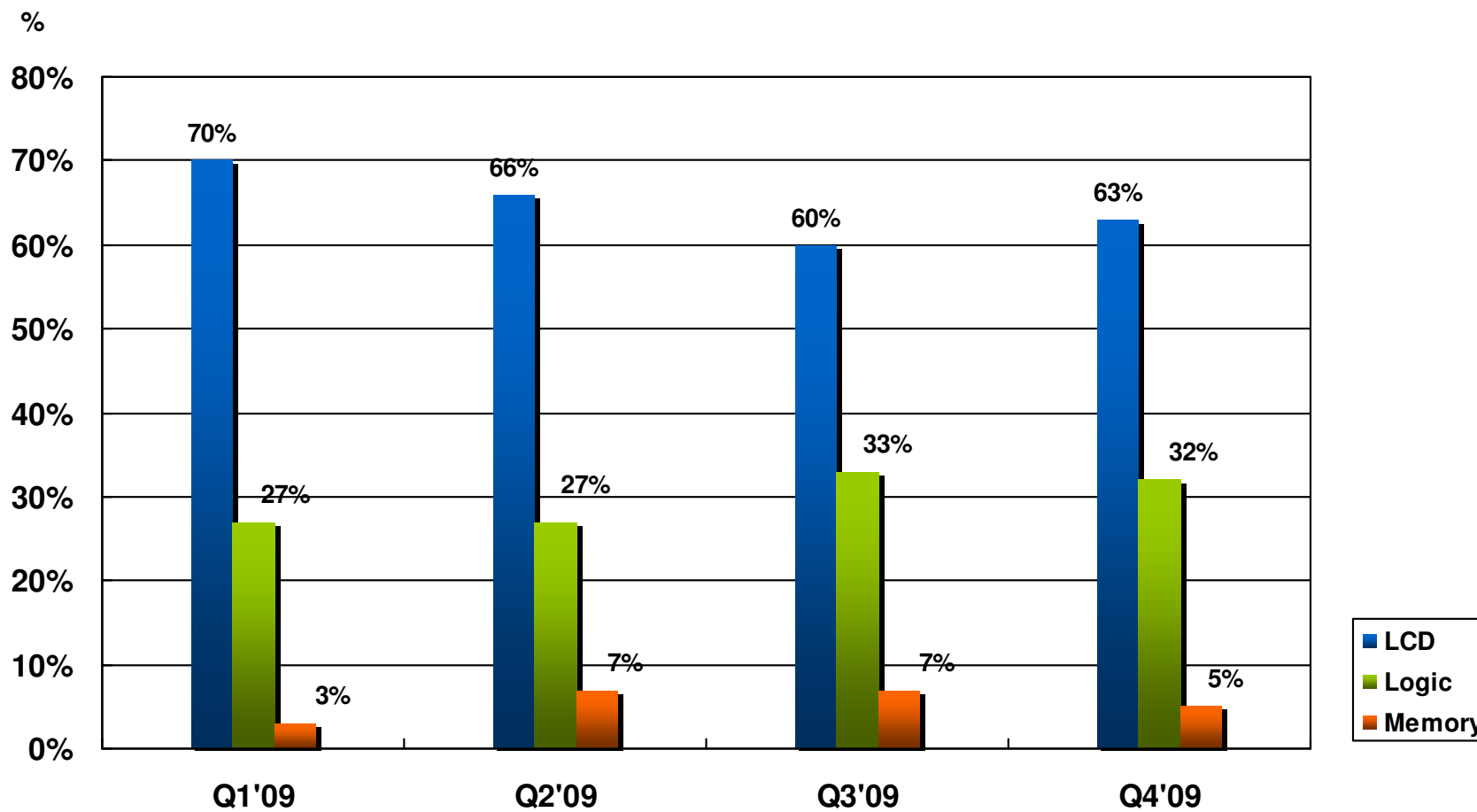


LCD Driver IC

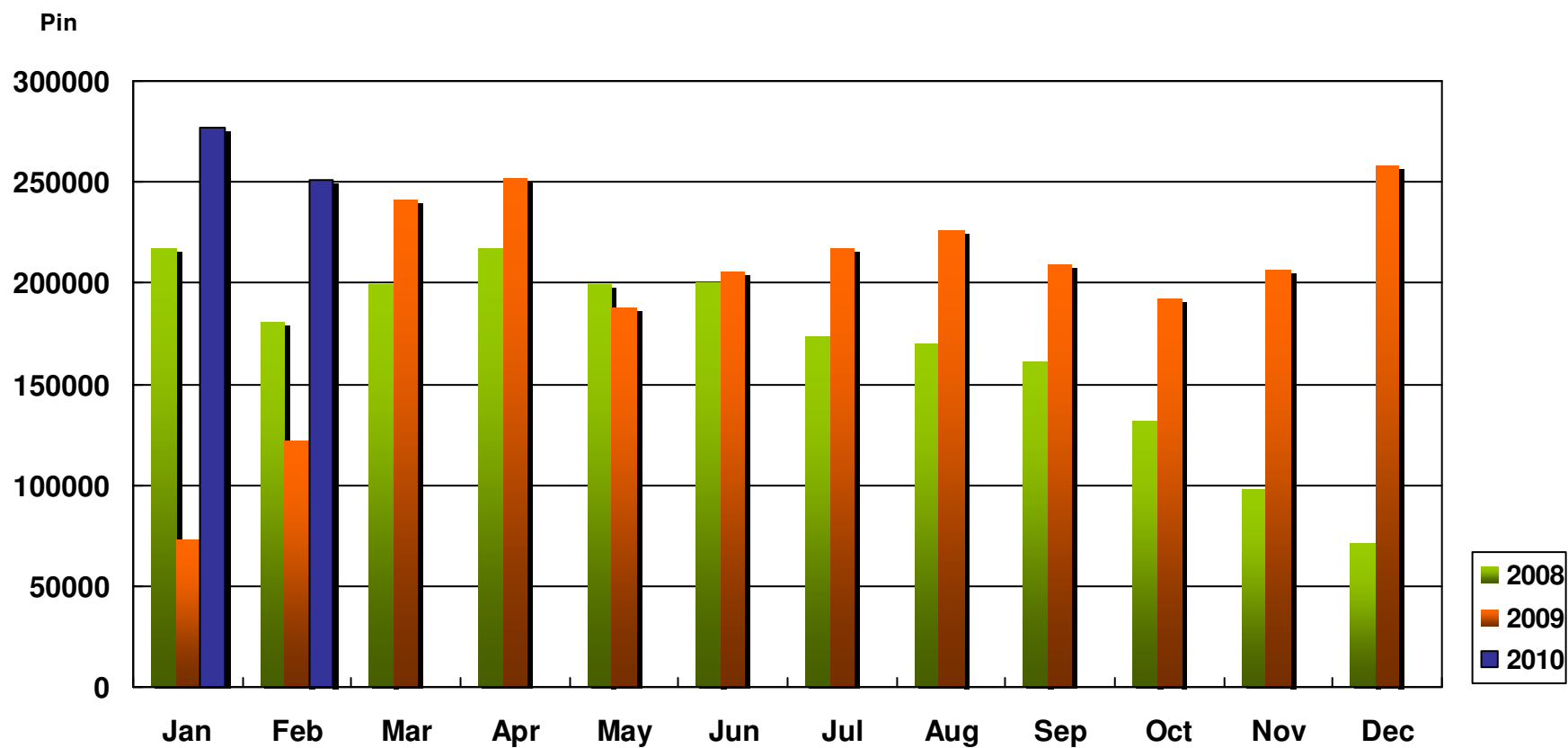


40 μ m pitch for LCD Driver IC

B2 03. Product Mix in 2009



B2 03. Monthly Shipment 2008~2010



B2 03. 2009 Major Customers

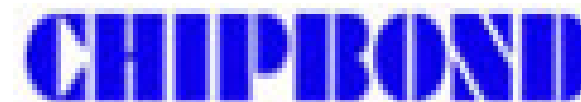
Design Houses



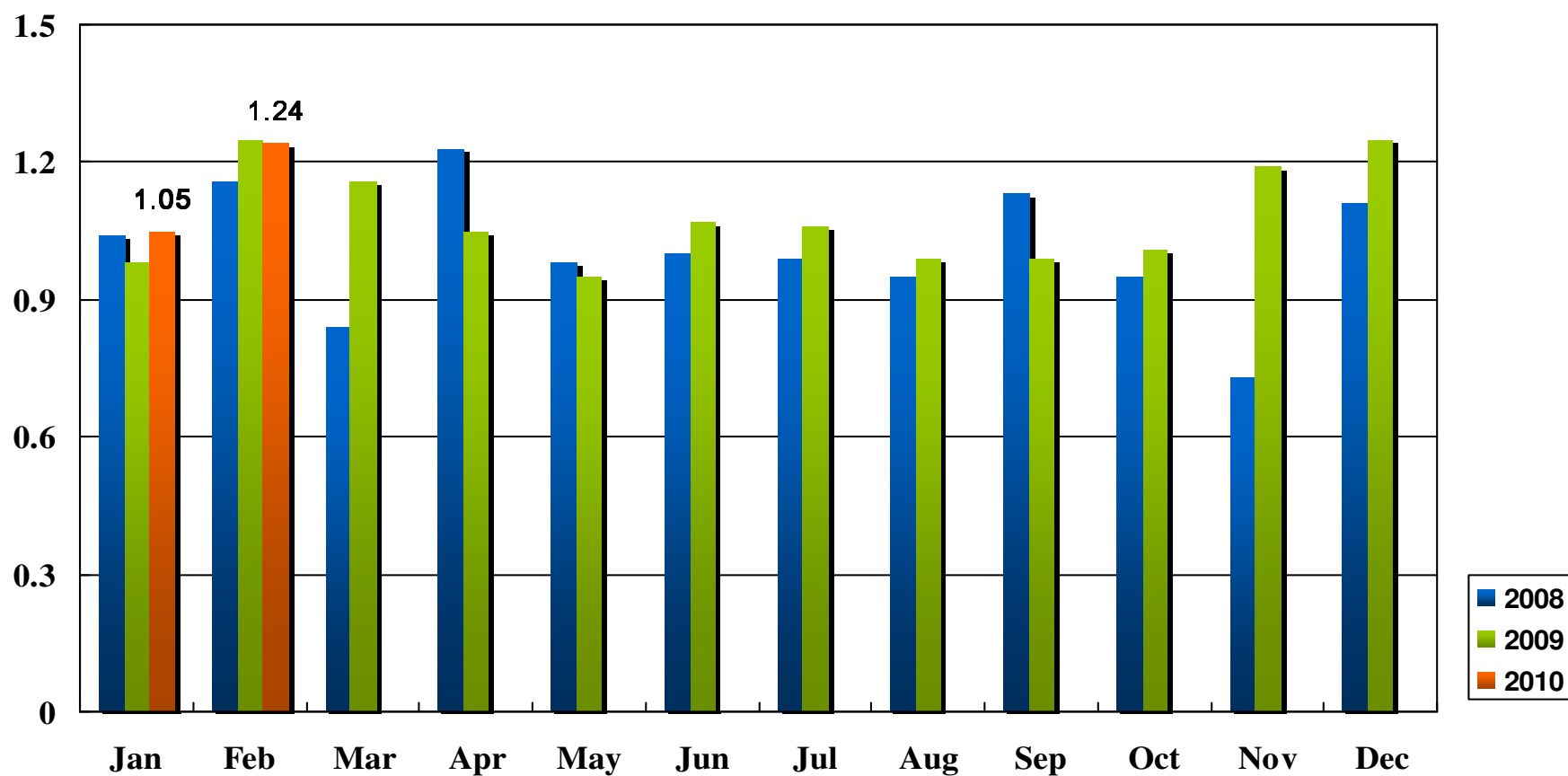
Foundries



Testing Houses



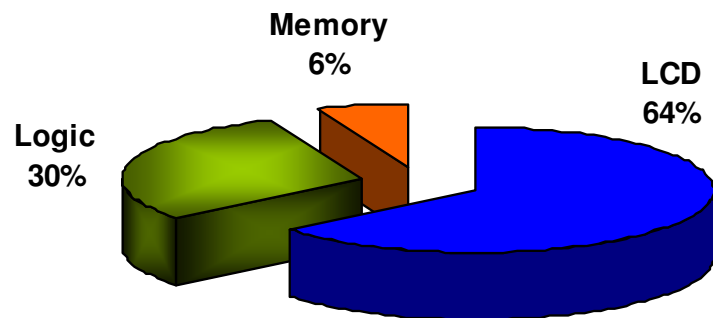
B2 03. B/B Ratio 2008~2010



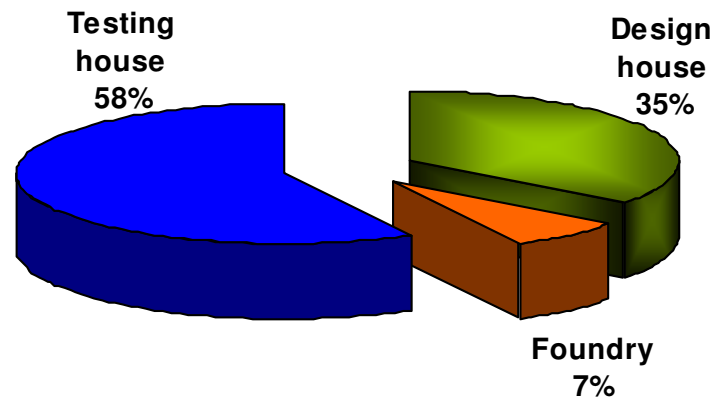
B2 03. Product & Customers Mix (%)

2009

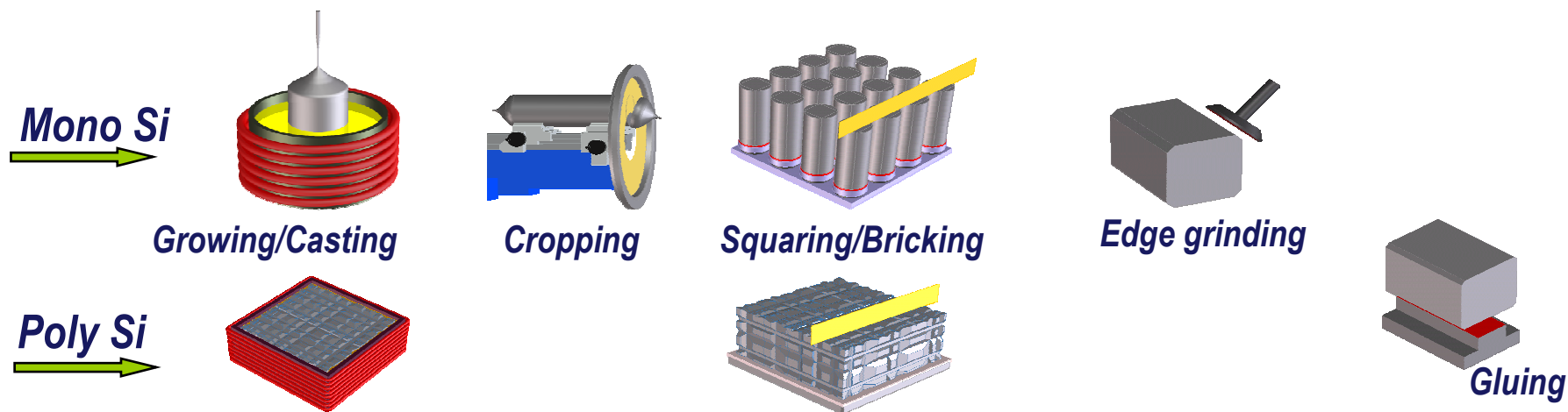
by Product



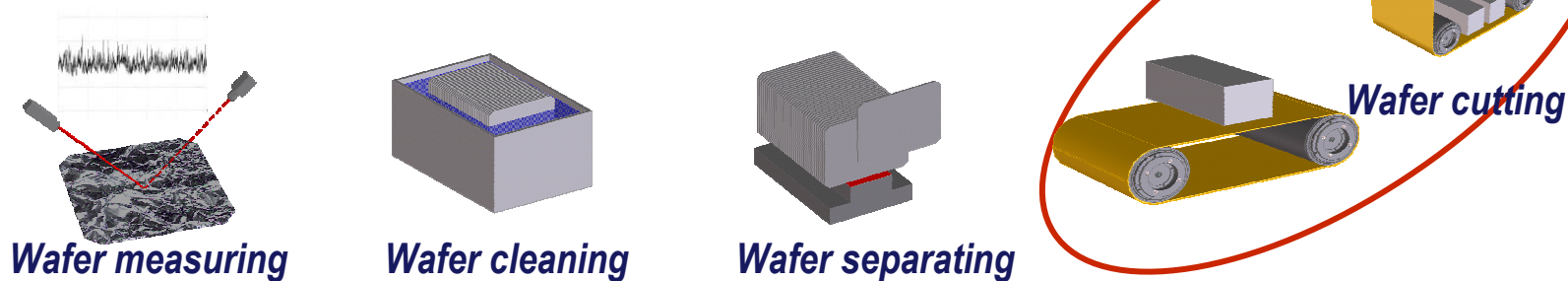
by Customer



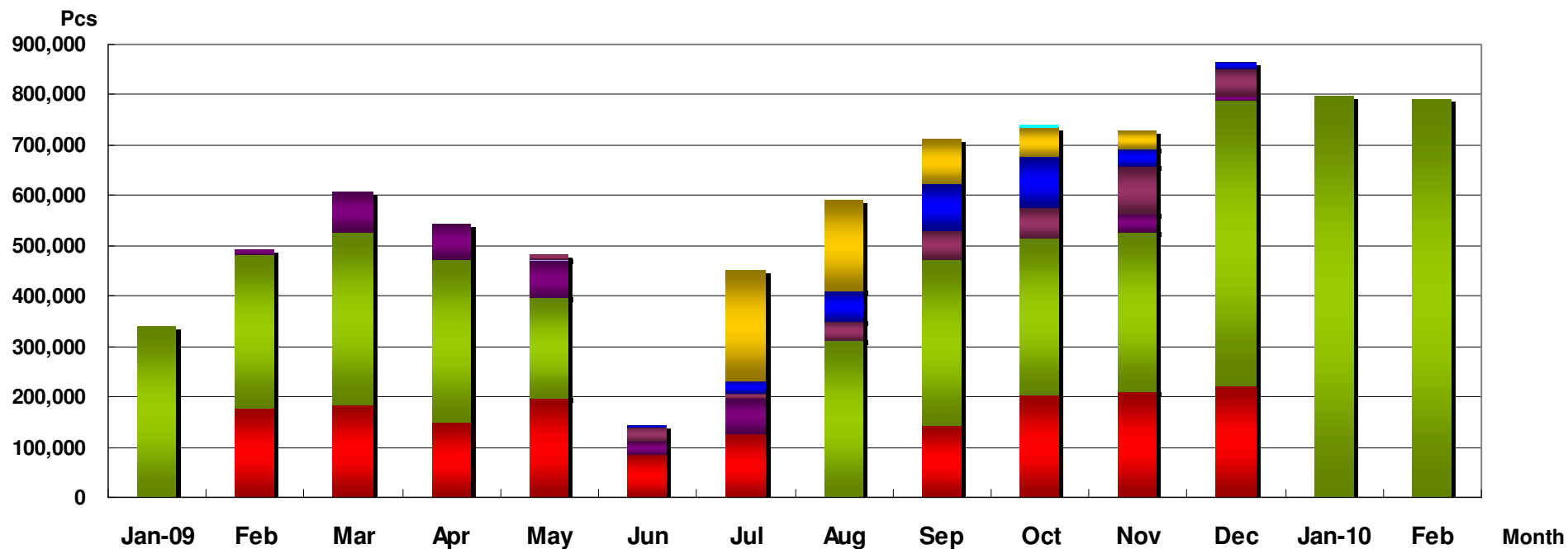
B3 01. Wafer Process in Solar



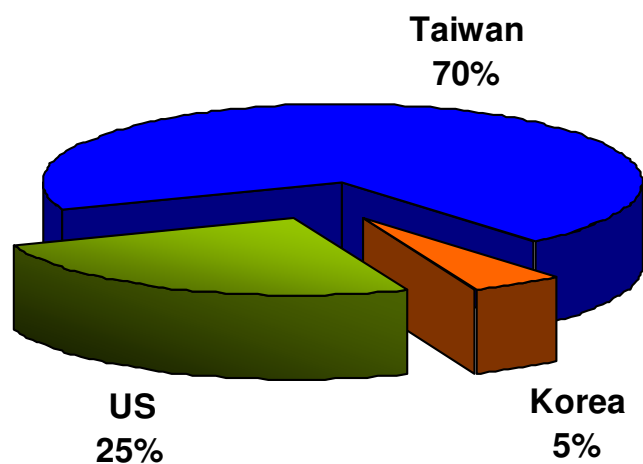
Wafering process



B3 02. Shipment 2009 ~ 2010



B3 02. 2009 Shipment by Geography





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Appendix



Milestone

- 1995** **Company established**
- 1998** **Technology transfer from MJC completed**
- 2000** **Hsinchu New plant operation started**
Tainan branch and repair center established
- 2001** **Pass ISO9001 certification**
- 2003** **MPI IPO**
- 2006** **ST Branch Luzhu plant operation started**
- 2008** **Signed MOU with SUSS MicroTech Test System**
- 2010** **Solar cell B.U signed MOU with GET**