

Niko Semiconductor Co., LTD.

Niko-sem Presentation

2012.2.17

We Power Hi-Tech.

Niko-Sem

Niko Semiconductor Co., LTD.

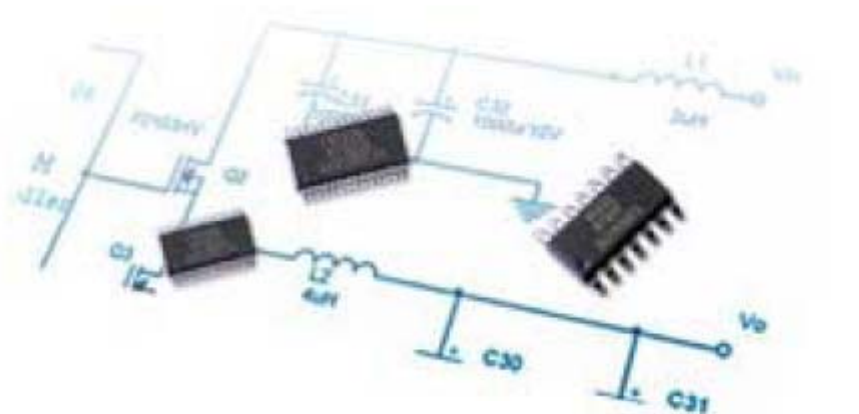
NIKO-SEM

尼克森微電子

Corporate Profile



<http://www.niko-sem.com>



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Company Overview

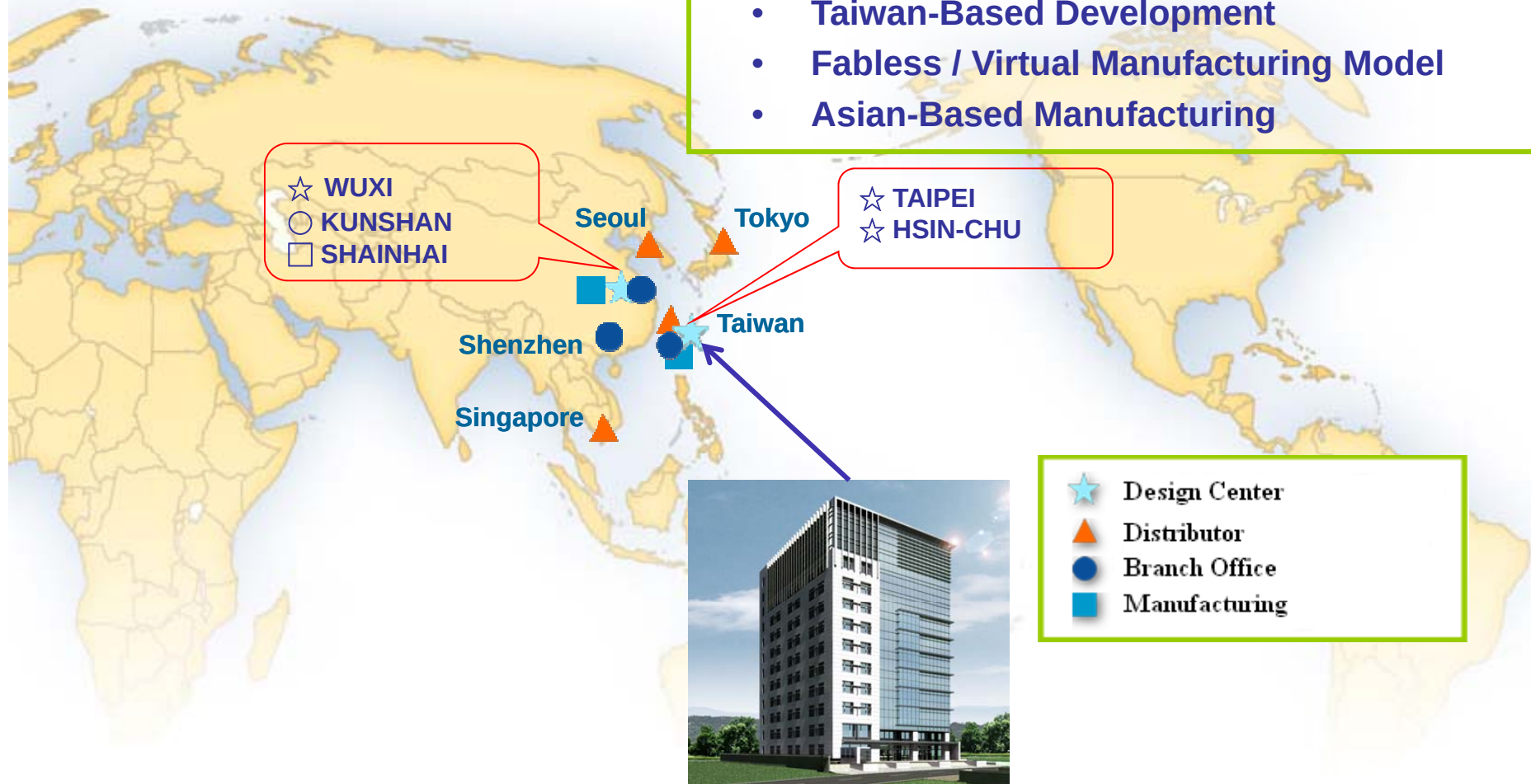
- ◆ Founded in 1998
- ◆ Capital: \$20 Millions (USD)
- ◆ Went Public in 2007
- ◆ Based in Taipei of Taiwan
- ◆ 200 Employees (Worldwide)
- ◆ Focus on Power Management/Discrete I.C.
- ◆ 2011 Revenue: \$120 Millions (USD)
- ◆ W/W No. 1 TO-252 MOSFET Supplier
(100M/M Units)
- ◆ Share 50% of MOSFET in Taiwan MB MKT.
- ◆ Share 60% of MOSFET in Taiwan
TV_Inverter MKT.



Company Overview

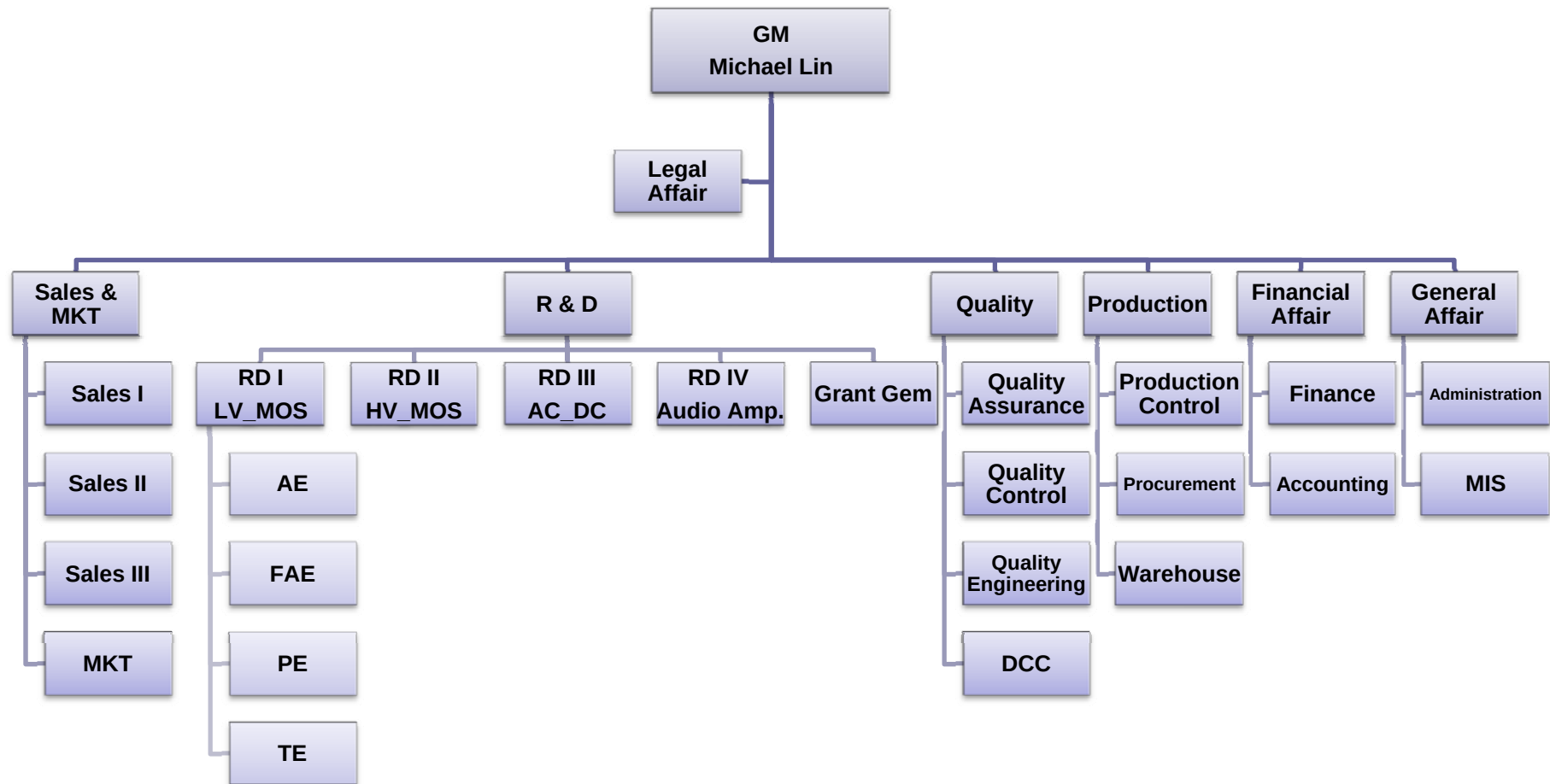
NIKO-SEM
尼克森微電子

- Founded in 1998
- 200 Employees (Over 100 Engineers)
- Taiwan-Based Development
- Fabless / Virtual Manufacturing Model
- Asian-Based Manufacturing



WE POWER THE HI-TECH

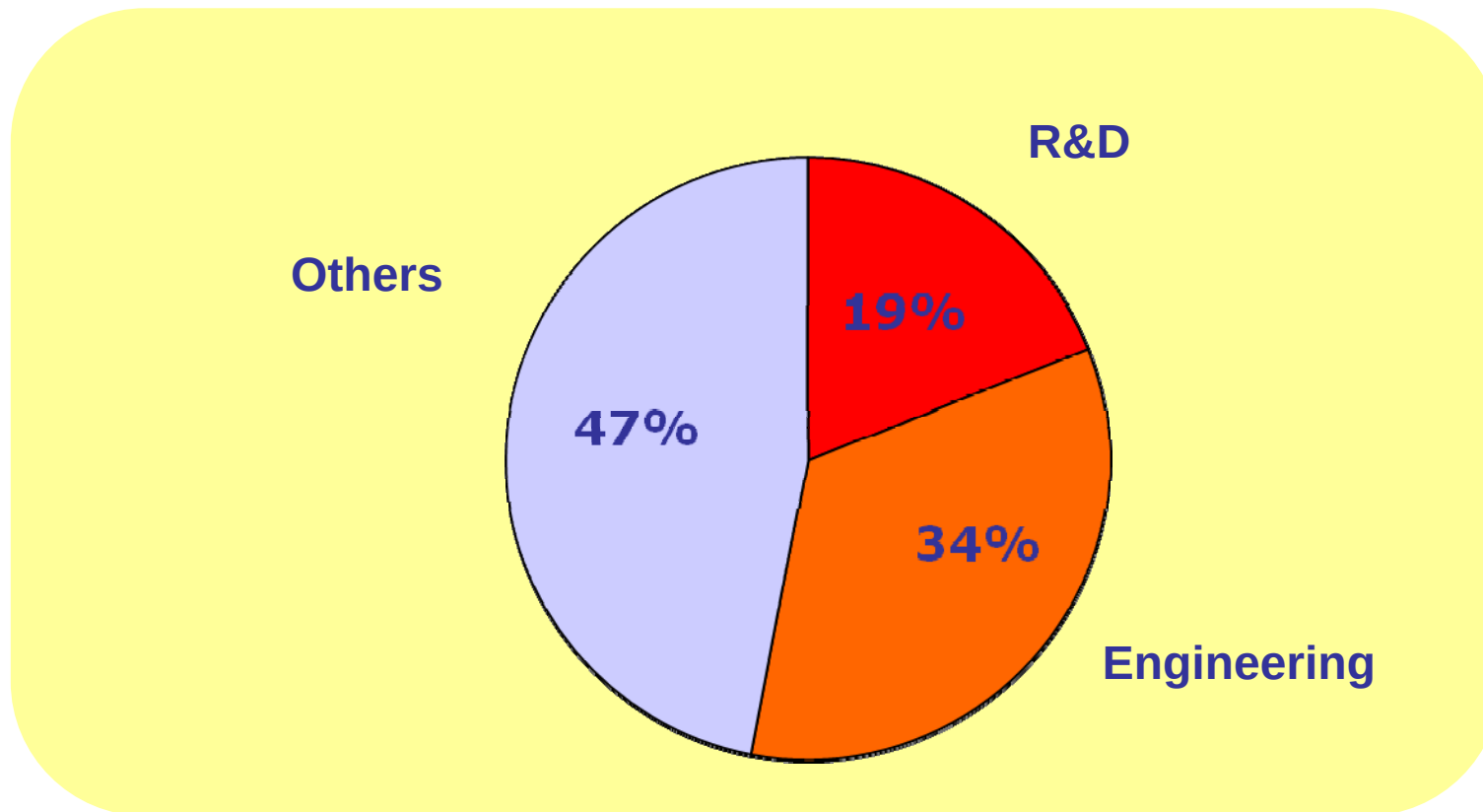
Company Overview



WE POWER THE HI-TECH

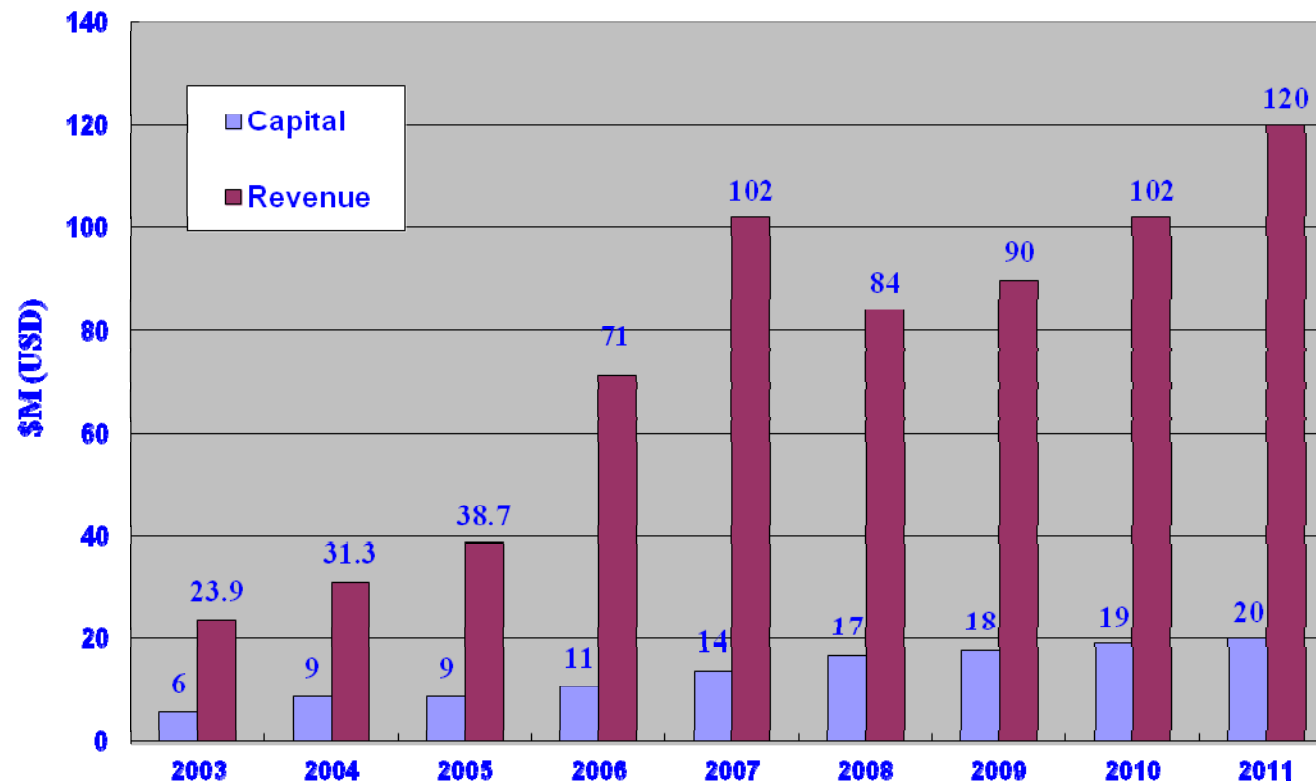
Core Competence

Engineering
Over 50% Manpower is Technical Staff



Revenue & Capital

The History of Revenue and Capital



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Company Overview



Excellent Supplier Award

- 2005 obtain
- 2006 obtain
- 2007 obtain
- 2007 obtain
- 2008 obtain



excellent supplier award.
excellent supplier award.
excellent supplier award.
excellent supplier award.
excellent supplier award

ISO License

- 1999 obtain ISO9001 License
- 2006 obtain ISO14000 License.



ISO 9001:2000
FS 59357



ISO 14001:2004
EMS 500687

WE POWER THE HI-TECH

Major Customers

Motherboard / Notebook / VGA Card



Power Supply



LCD TV / LCD Monitor/ Panel / Inverter



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Product Application

Current Touched Market :

- ◆ Motherboard / Graphics Card (70% of Revenue Share)
- ◆ TFT (Panel / Inverter / Digital Board) (15%)
- ◆ Note Book (10%)
- ◆ Power Supply / Adapter / Charger (4%)

Minor Share in the Market :

- ◆ E_bike
- ◆ Communication
- ◆ Networking
- ◆ Portable Device
- ◆ Battery Pack

WAFER & ASSEMBLY



WAFER

Taiwan **6 inch:** EPISIL 漢磊 MOSEL 茂矽
 VANGUARD 世界先進
 8 inch: UMC 聯電

ASSEMBLY

Taiwan: ASE 日月光 SANYO 三洋 GTM 勤益 FUJITER 富吉特
Malaysia: AIC IDS
China: Fujitsu 富士通 GEM 捷敏 GTBF 杰群/萬迅

WE POWER THE HI-TECH

MOSFET Voltage & Package

POWER MOSFET

LOW Voltage

12V 20V 25V 30V 40V 60V

MID Voltage

75V 80V 100V 120V 150V 200V 250V

HIGH Voltage

400V 500V 600V 650V 700V 800V

PACKAGE

TO-220	TO-220F	TO-252	TO-252-5	TO-251	PowerPak(NPAK)
SOP-8	DIP-8	TO-263	TO-261	TSOP-6	TSOPJW-8
SOT-223	SOT-23	SOT-89	TSOP-6	TSSOP-8	SOP-8 Reverse
SC-70					

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