



Global Unichip Corp.

Company Introduction

Jun, 2017

Corporate Information

- **Established at Hsinchu Science Park, Taiwan, 1998**
- **IPO on TWSE (symbol: 3443), 2006**
- **Largest shareholder TSMC, current share 35%**
- **Audit Committee established by Board of Directors, June 2008**
- **Compensation Committee established by Board of Directors, February 2010**
- **Board Members:**
 - Dr. FC Tseng Chairman; Vice Chairman of TSMC
 - Ken Chen Board Member; President; Former TSMC Senior Director
 - Lora Ho Board Member; CFO of TSMC
 - Dr. Cliff Hou Board Member; Vice President, Design and Technology Platform of TSMC
 - Benson Liu Independent Director; Former Chairman and CEO of Bristol- Myers Squibb (Taiwan) Ltd.
 - Dr. Chein-Wei Jen Independent Director; Former Director of Institute of Electronics at National Chiao Tung University, Taiwan
 - Dr. Wen-Yeu Wang Independent Director; Ph. D. of the Science of Law, Stanford Law School , Stanford University, Professor of College of Law, National Taiwan University
 - Dr. Peter Wu Independent Director; Former President of National Chiao Tung University, Taiwan
 - Dr. Kenneth Kin Independent Director; Former Senior Vice President, TSMC.

Board Members



Dr. F.C. Tseng Chairman;
Vice Chairman of TSMC
2003 on board



Ms. Lora Ho SVP, CFO,
and Spokesperson of TSMC
2003 on board



Dr. Cliff Hou
Vice President, R & D of TSMC
2010 on board



Mr. Ken Chen
President
2016 on board



Mr. Benson W. C. Liu
Independent Director
2005 on board



Dr. Chein-Wei Jen
Independent Director
2007 on board



Dr. Wen-Yeu Wang
Independent Director
2008 on board



Dr. Chung-Yu Wu
Independent Director
2011 on board



Mr. Kenneth Kin
Independent Director
2017 on board

Total Employees

531

**Number of
Employees**

292

**Design Service
R&D**

- IP, System platform,
Software development
- Chip implementation,
Flow & methodology

85

**Supply Chain
Management**

Package design, IE&OE,
Production management,
Product engineering, QRA,
Testing

26

**Sales &
Marketing**

Business operations

60

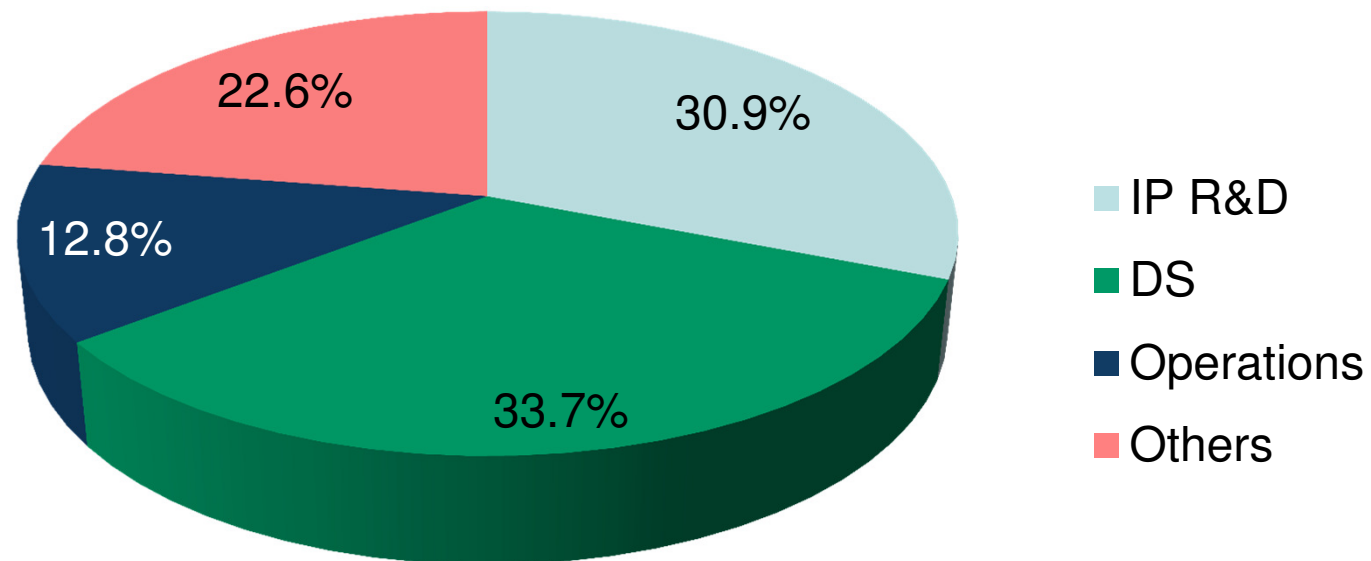
**Business
Support**

68

**GUC
Overseas**

Employee profile

- Total employee number is 531 (as of Mar. 31, 2017)
- The average year of design* experience is 11.5 years

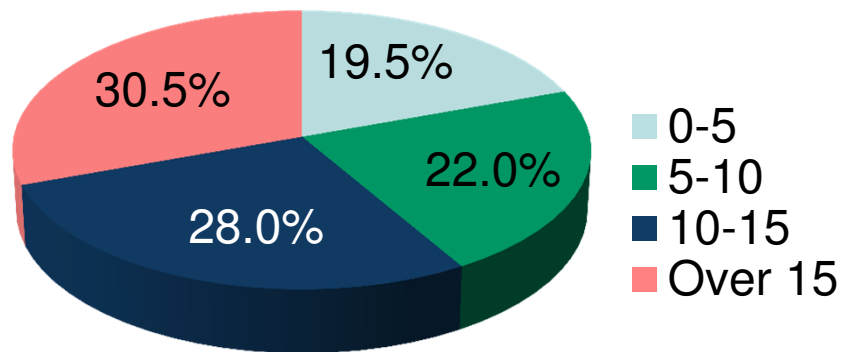


* Design = IP R&D + Design Service

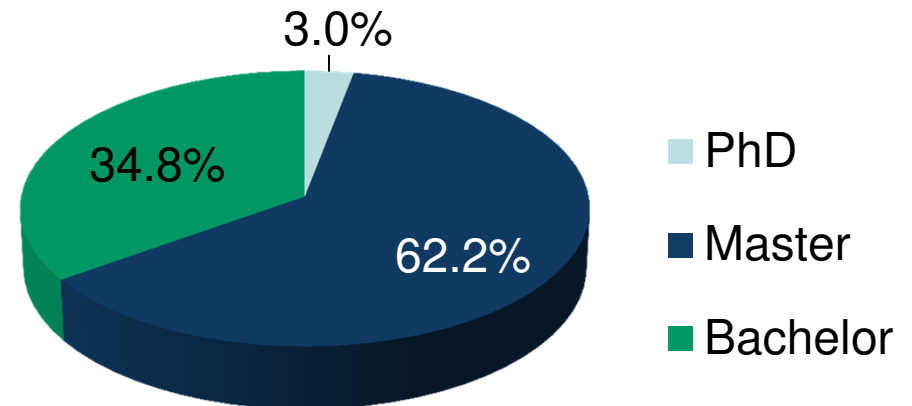
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IP R&D Division

Seniority

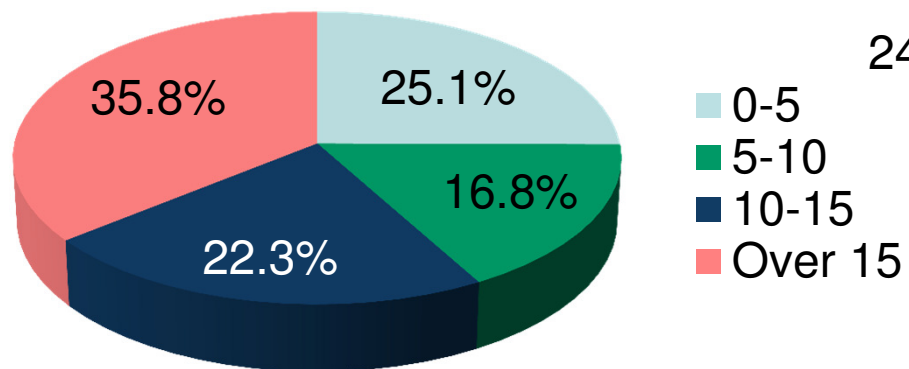


Education

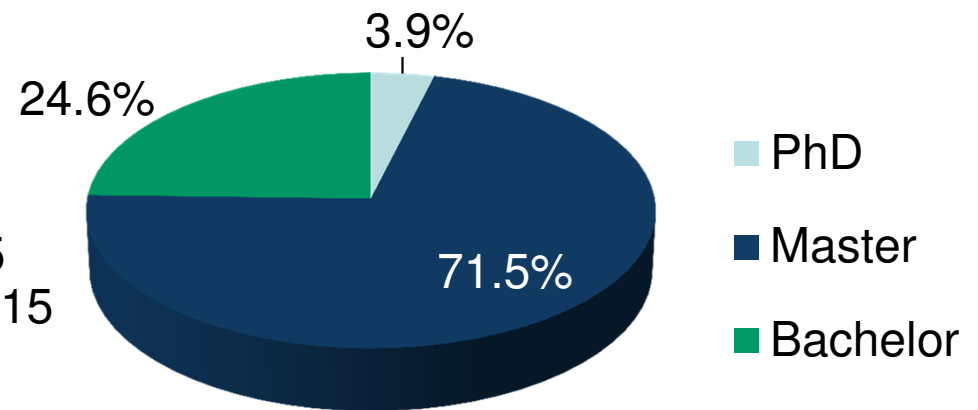


Design Service Division

Seniority

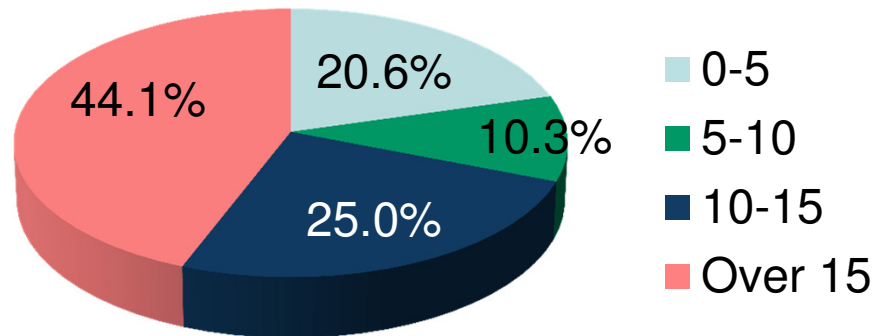


Education

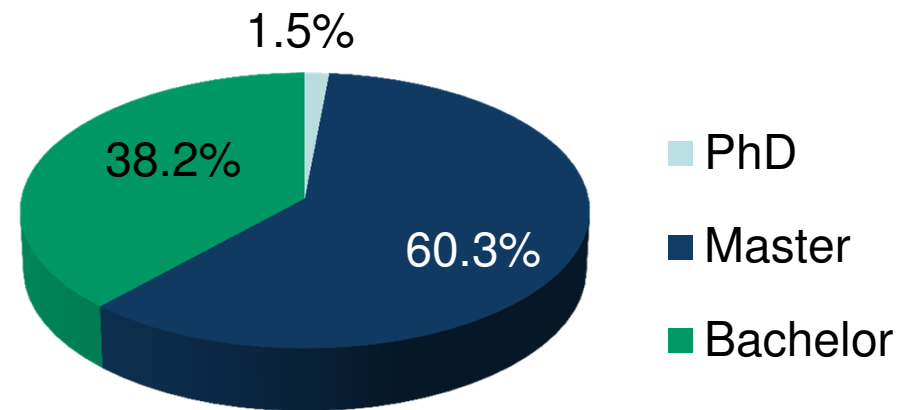


Operations Department

Seniority



Education



GUC Headquarters & Branches



Global Unichip Headquarters

No. 10, Li Hsin 6th Rd., Hsinchu Science Park,
Hsinchu City 30078, Taiwan

Tel: +886-3-564-6600 Fax: +886-3-564-6000



Global Unichip North America

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Global Unichip Japan

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Global Unichip Taipei

8F, No. 246, Sec. 1, Neihu Rd., Neihu Dist.,
Taipei City 11493, Taiwan
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GUC Branches

Global Unichip Korea

#423 G-five Central plaza 1685-8
Seocho-Dong, Seocho-Ku,
Seoul, 137-070, Korea
TEL: +82-2-553-3842
FAX: +82-2-553-3846

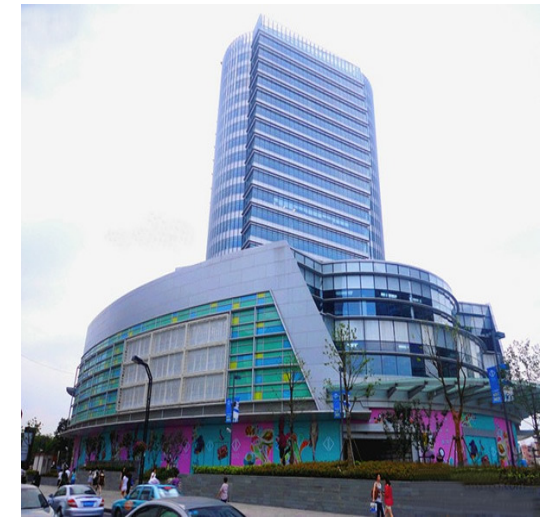


Global Unichip China

Unit 1806, Hong Yi Plaza, No.288, Jiu
Jiang Rd., Huangpu District, Shanghai
200001, China
TEL: +86-21-3366-5868
FAX: +86-21-3366-5878

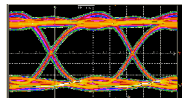
Global Unichip Europe B.V.

Zuidplein 58, 1077 XV
Amsterdam, The Netherlands
TEL: +31-20-7184888



GUC Flexible ASIC Service™

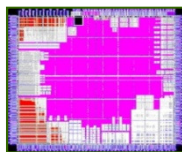
Customer Requirements



GUC IP



**SOC
Integration**

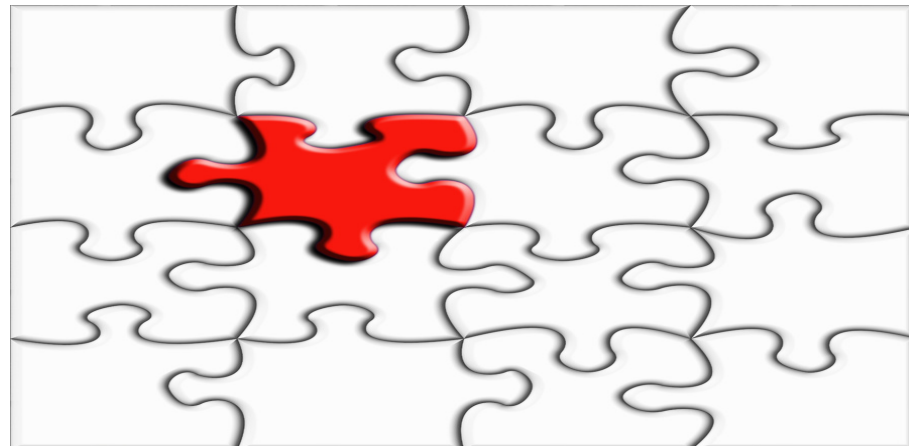


**Implementation
Methodology**



**Integrated
Manufacturing**

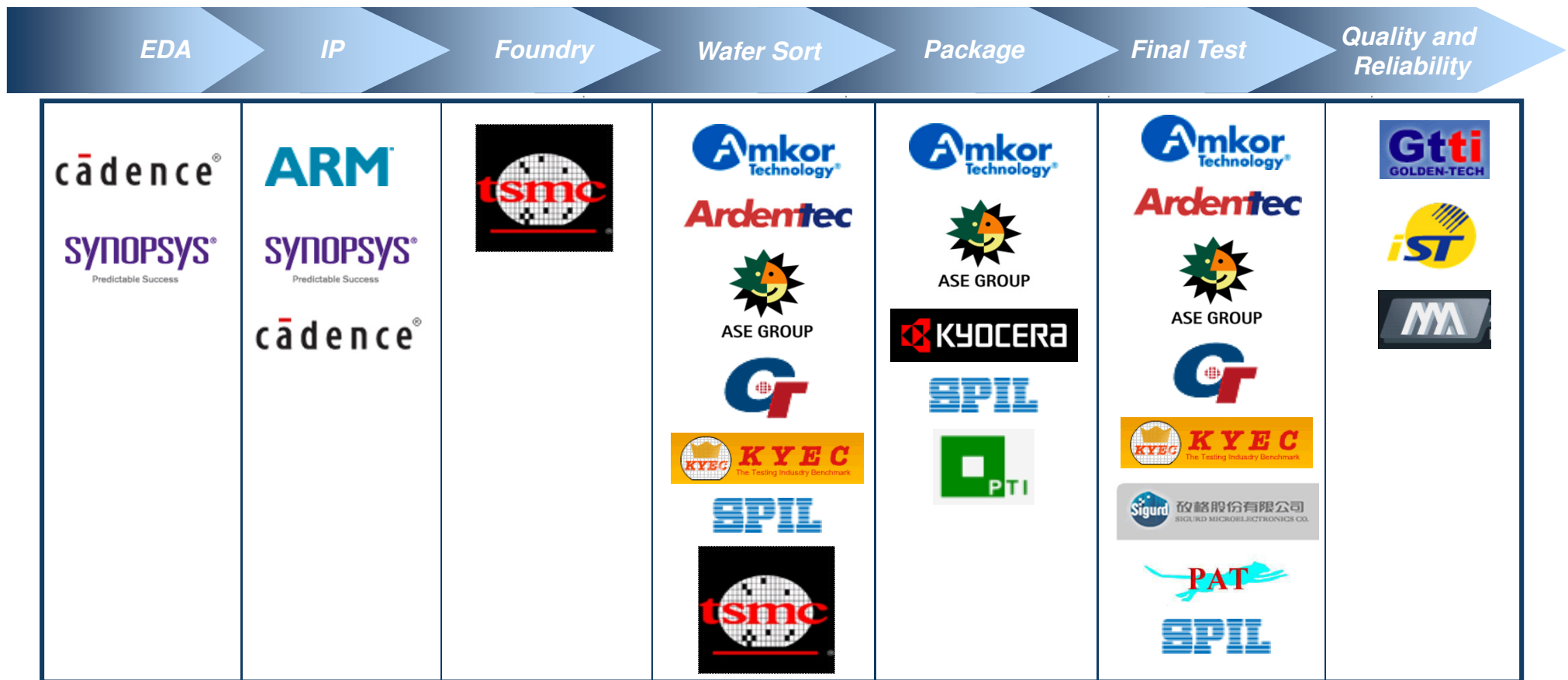
Customer + GUC



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GUC Supply Chain Ecosystem

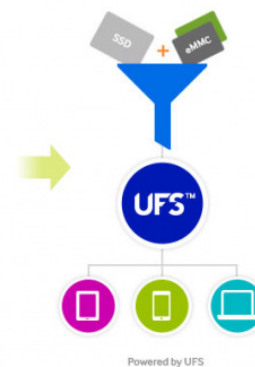
- GUC partners with top tier vendors to build up a complete ecosystem.



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GUC Key ASIC Development

4K TV



SSD



Data Center



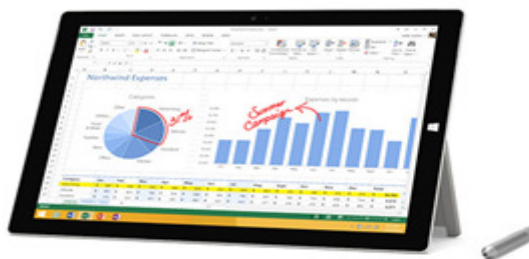
Network



Drone



BitCoin



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Key Challenges of SOC Industry

- **Wider productivity gap**
 - Technology complexity
 - Design complexity
- **Rapidly increasing entry barrier**
 - Upfront investment
 - Development cost
- **Higher design risks**
- **Insufficient design talents**
- **Decreasing ASP**
- **Narrower market window**



GUC Value Proposition

- **Enable technology deployment**
- **Minimize upfront investment**
- **Reduce risks**
- **Increase efficiency, reduce cycle-time**
- **Increase yield, quality and reliability**

Statements of Comprehensive Income

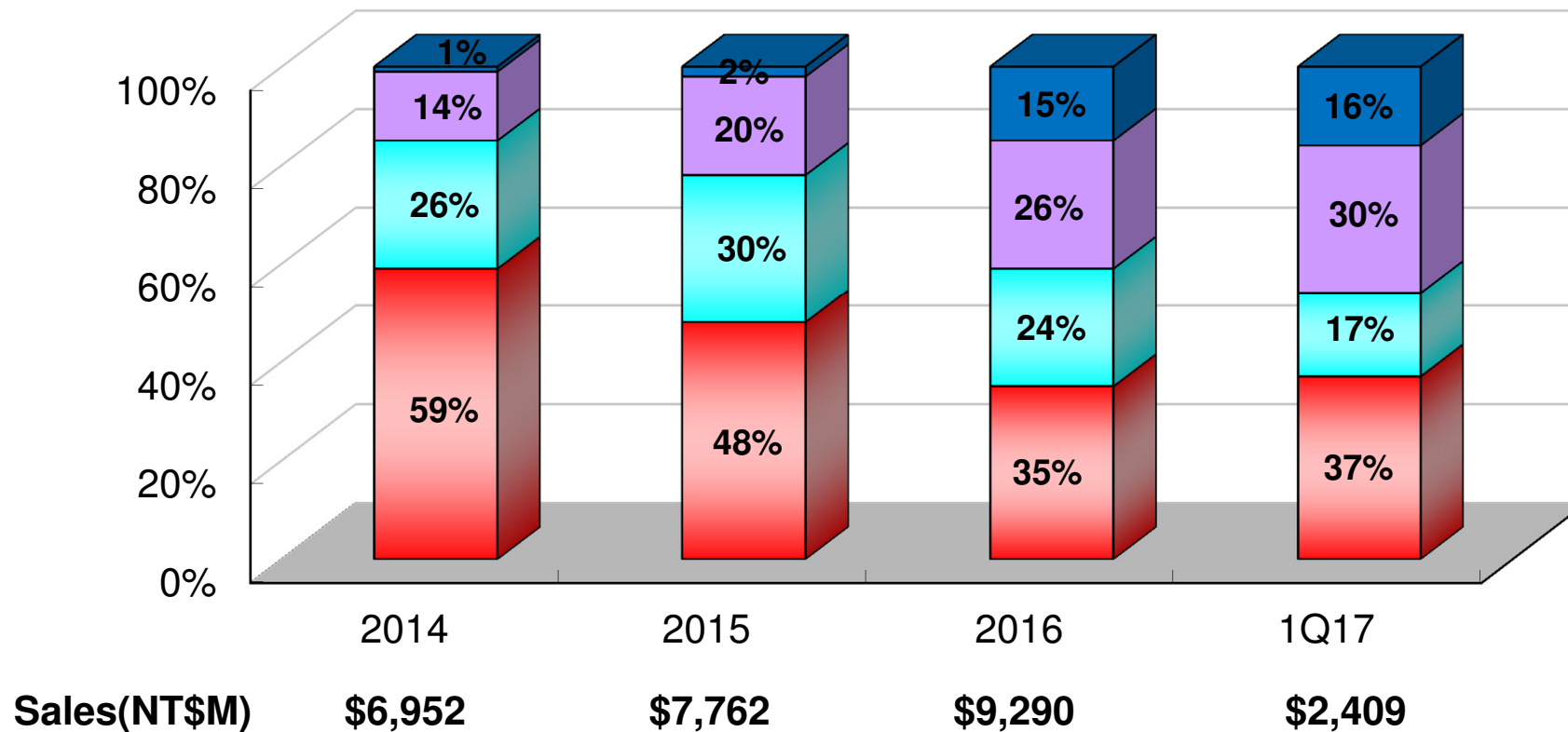
(Unit: NT\$M)

	2014		2015		2016		1Q 2017	
	Amount	%	Amount	%	Amount	%	Amount	%
Revenues	6,952	13% *	7,762	12% *	9,290	20% *	2,409	9% *
NRE	1,773	26%	1,664	22%	2,529	27%	609	25%
Turn Key	4,941	71%	5,605	72%	6,564	71%	1,740	72%
Others	238	3%	493	6%	197	2%	60	3%
Gross Margin	1,885	27.1%	2,194	28.3%	2,390	25.7%	587	24.4%
SG&A Exp	(457)	-6.6%	(507)	-6.6%	(571)	-6.1%	(132)	-5.5%
R&D Exp	(953)	-13.7%	(1,125)	-14.5%	(1,196)	-12.9%	(316)	-13.1%
Operating Income	475	6.8%	562	7.2%	623	6.7%	139	5.8%
Non-Operating Items	38	0.6%	20	0.3%	11	0.1%	30	1.2%
Income Tax	(75)	-1.1%	(88)	-1.1%	(83)	-0.9%	(26)	-1.1%
Net Income	438	6.3%	494	6.4%	551	5.9%	143	5.9%
EPS (NT\$)	3.27		3.69		4.11		1.07	

* YoY revenue growth rate

Yearly Sales Breakdown by Technology

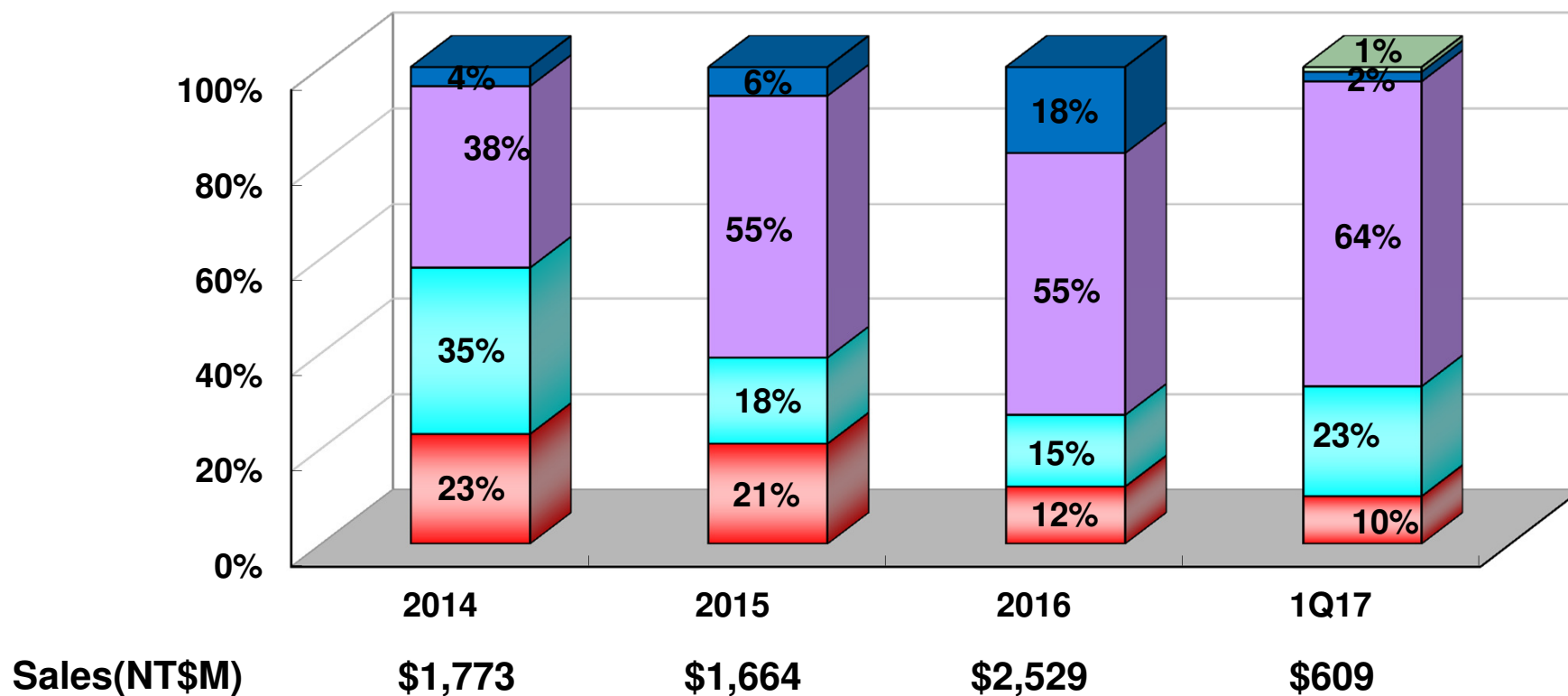
65nm Above 40nm 28nm 16nm 7nm



Yearly Sales Breakdown by Technology

NRE

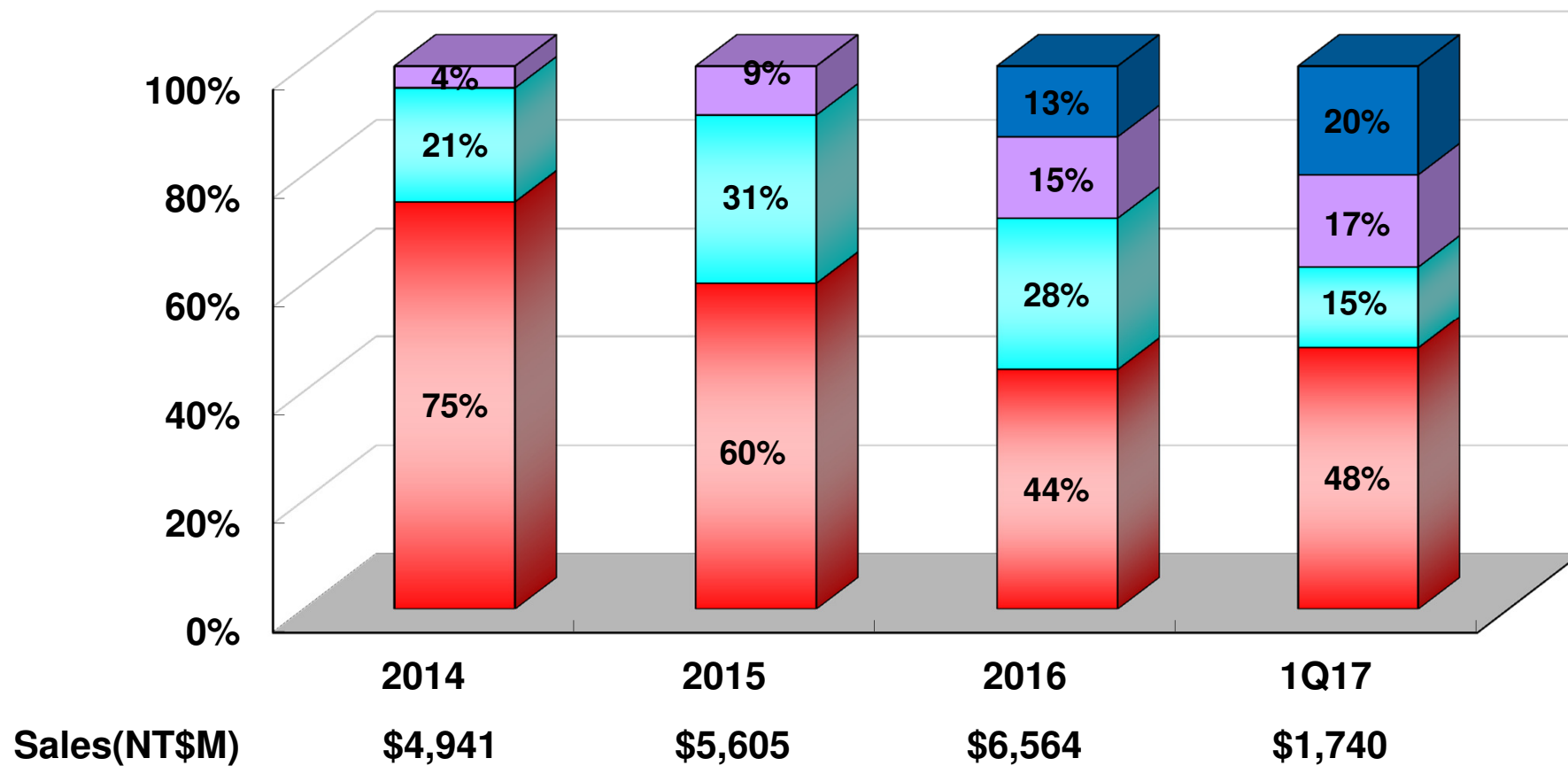
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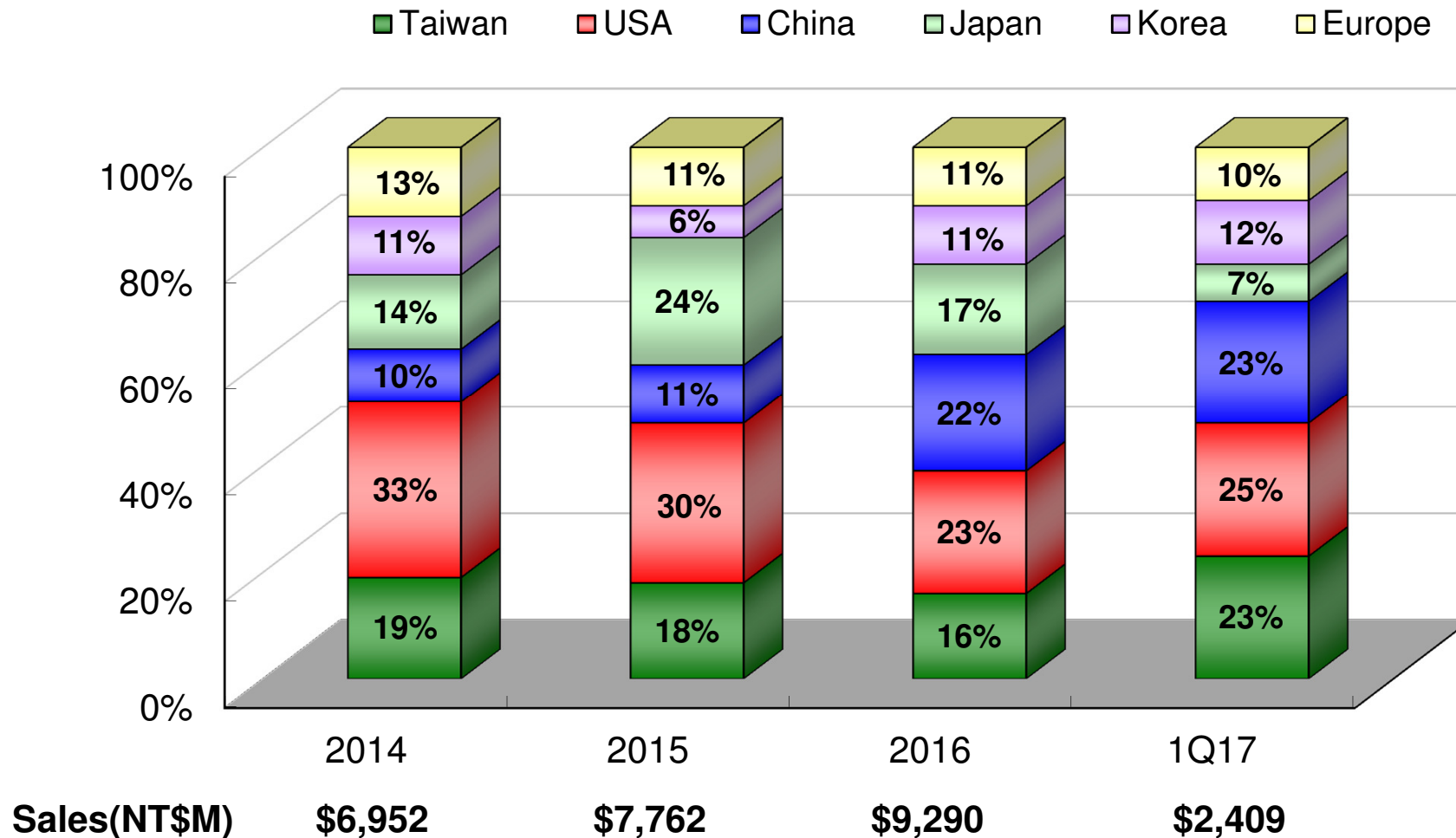
Yearly Sales Breakdown by Technology

Turnkey

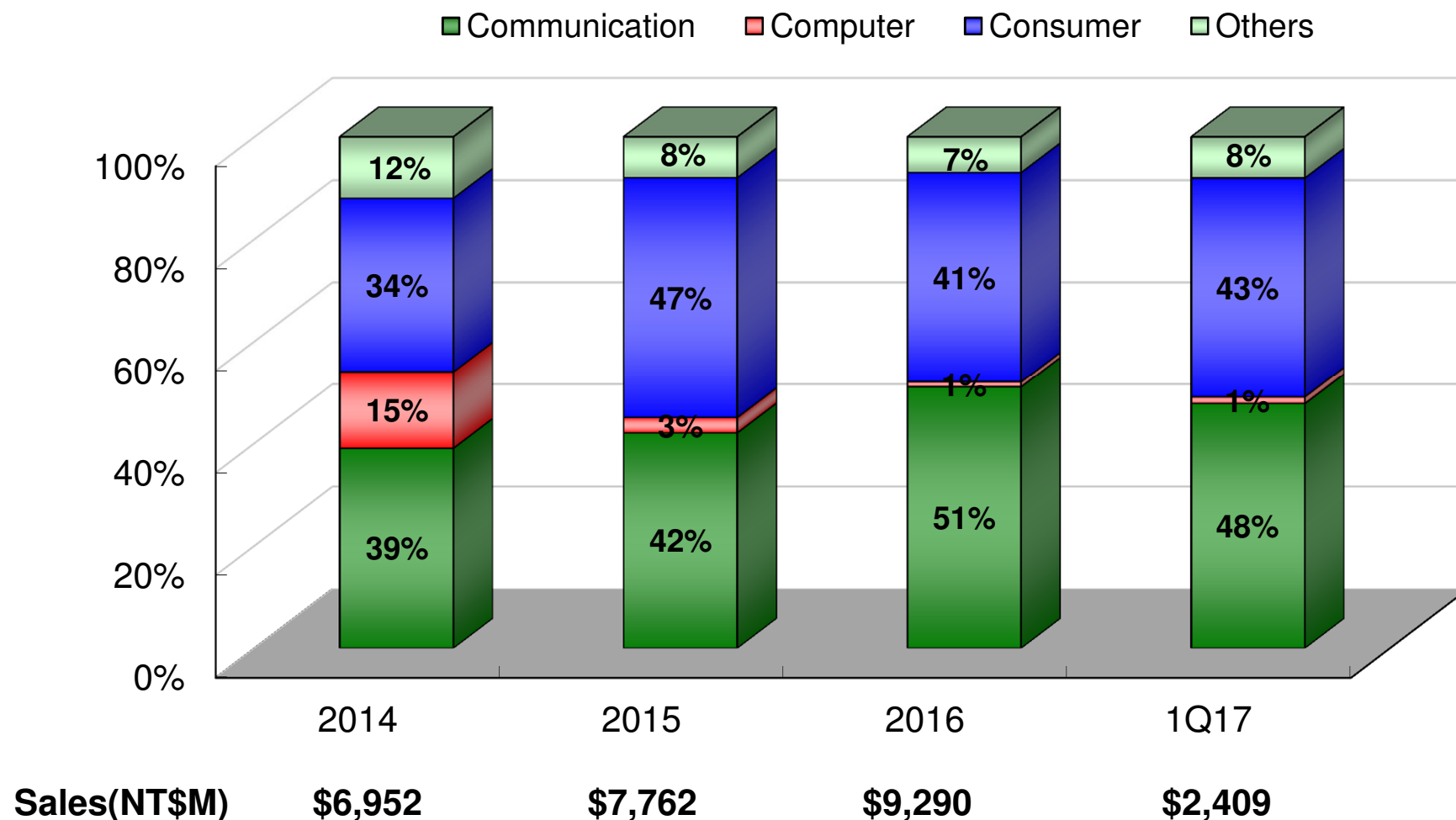
65nm Above 40nm 28nm 16nm 7nm



Yearly Sales Breakdown by Region



Yearly Sales Breakdown by Application



Thank you !



<http://www.guc-asic.com>

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