# Financial Results for the 2<sup>nd</sup> Quarter of Fiscal Year Ending March 31, 2016



November 2015

#### **MARUBUN CORPORATION**

(Securities Code: 7537 / TSE1st Section)

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### 1H FY3/16 Summary of Consolidated Financial Results

#### 1H FY3/16 Summary of Consolidated Financial Results

#### Net sales increased by ¥24 billion (+19.9% YoY)

- **Electronic Devices Business** Increased 20.5% as a result of robust sales of Special-Use ICs for communication modules and other ICs for automobile and projector
- **Electronic Systems Business** Increased 15.9% as a result of inclusion a consolidated subsidiary and increase in Laser Equipment

#### Operating income increased by ¥492 million (+53.3% YoY)

#### Ordinary income increased by ¥924million (+162.6% YoY)

Decrease in foreign exchange losses (402million)

#### Net income Increased by ¥558 million (+206.5% YoY)

 Extra Ordinary Income and Losses Gain on sales of real estate for investment and Impairment loss

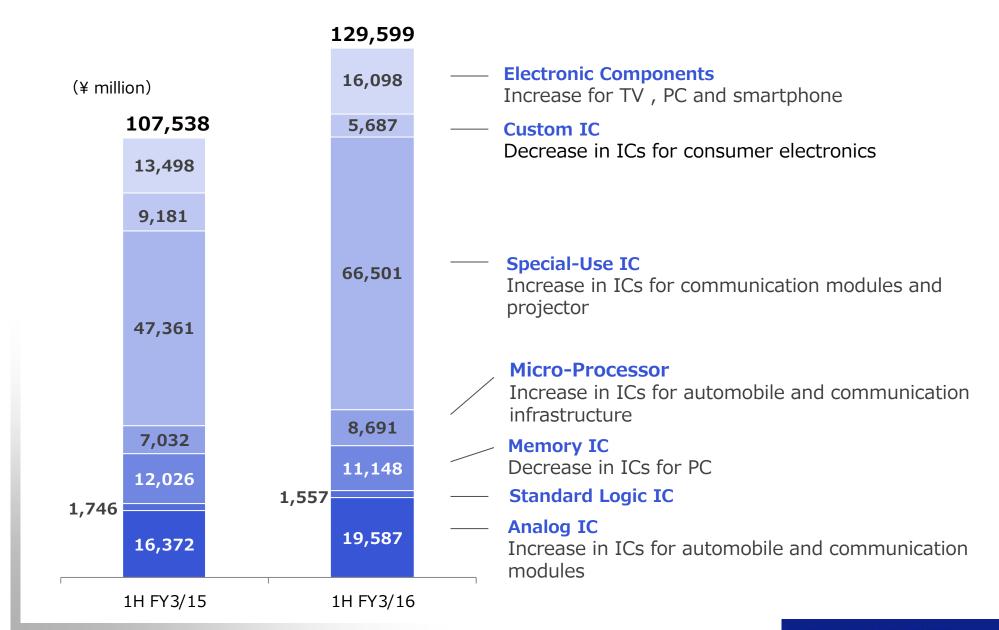
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#### 1H FY3/15 Summary of Financial Results

(¥ million)	1H FY3/15		1H FY3/16		YoY Cha	nges	FY3/16 Initial Forecasts		
	Actual	Compositi	Actual	Composition Ratio	Amount	%	1H	Composition Ratio	
Net sales	123,240	100.0%	147,803	100.0%	24,563	19.9%	137,000	100.0%	
Electronic Devices	107,538	87.3%	129,599	87.7%	22,061	20.5%	118,700	86.6%	
Electronic Systems	15,701	12.7%	18,203	12.3%	2,502	15.9%	18,300	13.4%	
Gross profit	8,166	6.6%	8,948	6.1%	782	9.6%	8,700	6.4%	
SG&A expenses	7,242	5.9%	7,533	5.1%	291	4.0%	7,650	5.6%	
Personal expenses	4,485	3.6%	4,615	3.1%	130	2.9%	-	-	
Other	2,757	2.2%	2,917	2.0%	160	5.8%	-	-	
Operating income	923	0.7%	1,415	1.0%	492	53.3%	1,050	0.8%	
Non-operating income	346	0.3%	374	0.3%	28	8.1%	-	-	
Non-operating expenses	701	0.6%	297	0.2%	(404)	-57.6%	-	-	
Ordinary income	568	0.5%	1,492	1.0%	924	162.6%	900	0.7%	
Extraordinary income	-	-	693	0.5%	693	-	-	-	
Extraordinary loss	4	0.0%	755	0.5%	751	18775%	-	-	
Net income	269	0.2%	827	0.6%	558	206.5%	400	0.3%	
No. of employees at term-end	1,260	_	1,282	_	22	1.7%	_	_	

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### 1H FY3/15 Electronic Devices Business Net Sales Breakdown by Product



### 1H FY3/15 Electronic Devices Business Net Sales Breakdown by Product

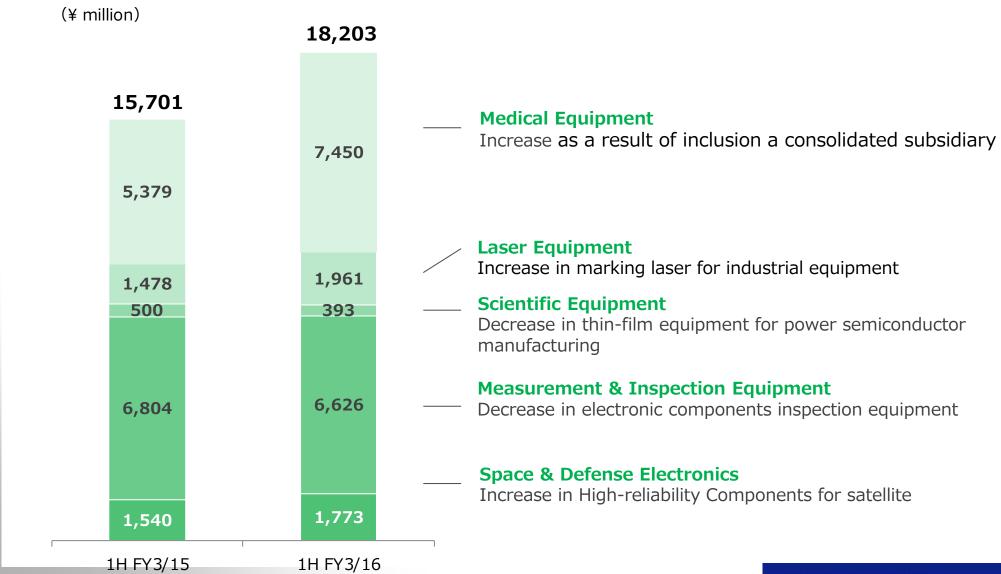
Application	Market Trend						
Communication Equipment	Increase in ICs for communication modules and infrastructure						
Consumer Electronics		Decrease in ICs for game consoles and digital cameras					
Computers & OA Equipment		Increase in ICs	for projectors				
Automobile		Increase in ICs for car navigation systems, wireless communication and engine controls					
Industrial Equipment & Other		Increase in ICs for factory automation equipment					
Industrial		Industrial					
Equipment &		Equipment &					
Other			Other				
Automobile 9% 9%		Communication Equipment 43%	Automobile 10% Communication				
Computer & OA	3/15		1H FY3/16 Equipment				
Equipment ¥107,5	38 <sub>million</sub>		Computer & OA Equipment 15%  49%				
Electronics	Congumer						
23%		Electronics					

18%

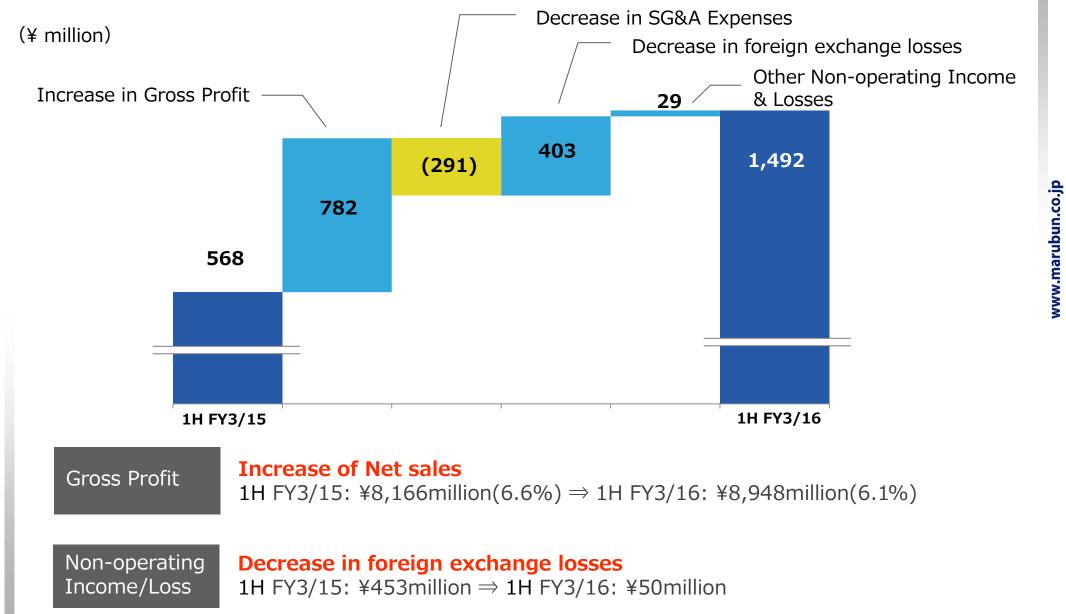
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### 1H FY3/15 Electronic Systems Business Net Sales Breakdown by Product



#### 1H FY3/15 Factors Affecting Ordinary Income



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#### **End 1H FY3/15 Summary of Balance Sheets**

(¥ million)	FY3/15 End	1H FY3/16 End	Changes in 6 m/s
	Actual	Actual	Amount
Current assets	117,084	113,483	(3,601)
Cash and deposits	21,725	14,459	(7,266)
Notes and accounts receivable-trade	63,393	63,900	507
Inventories	28,818	31,266	2,448
Other	3,147	3,857	710
Noncurrent assets	11,228	10,080	(1,148)
Property, plant and equipment	4,232	3,313	(919)
Intangible assets	448	395	(53)
Investments and other assets	6,548	6,371	(177)
Total assets	128,313	123,564	(4,749)
Current liabilities	72,594	67,779	(4,815)
Notes and accounts payable-trade	52,978	53,368	390
Short-term loans payable and other	15,300	9,605	(5,695)
Other	4,316	4,806	490
Noncurrent liabilities	9,416	9,175	(241)
Long-term loans payable and other	7,507	7,500	(7)
Net defined benefit liability	1,194	1,184	(10)
Other	714	490	(224)
Total liabilities	82,010	76,955	(5,055)
Total net assets	46,302	46,608	306
Total liabilities and net assets	128,313	123,564	(4,749)

## 1H FY3/15 Summary of Statements of Cash Flows

(¥ million)	1H FY3/15	1H FY3/16
	Actual	Actual
Net cash provided by (used in) operating activities	8,123	(1,332)
Income before income taxes	564	1,431
Decrease (increase) in notes and accounts receivable-trade	4,078	493
Decrease (increase) in inventories	(6,135)	(2,691)
Increase (decrease) in notes and accounts payable-trade	11,132	(542)
Other	(1,515)	(22)
Net cash provided by (used in) investing activities	(52)	560
Free cash flow	8,071	(772)
Net cash provided by (used in) financing activities	(3,082)	(6,744)
Net increase (decrease) in cash and cash equivalents	5,529	(7,438)
Cash and cash equivalents at end of period	24,505	14,074

# Medium-Term Vision Strategies and Key Initiatives

#### **Summary of Medium-Term Vision**

**Vision** 

Transforming into a robust company that can realize sustainable growth

Slogan

Think & Action (T&A)

View structural changes as an opportunity, accelerate management reforms, and conduct positive management to make a breakthrough

#### **Electronic Devices** Four T&A

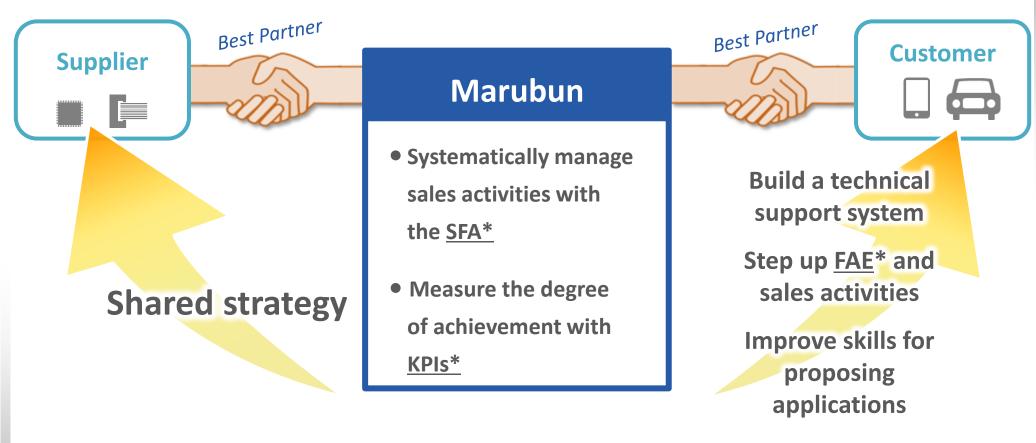
- (1) Expand the base business
- (2) Develop businesses in growing markets
- (3) Promote development of new products
- (4) Enhance global operations

#### **Electronic Systems** Three T&A

- (1) Enhance engineering services
- (2) Strengthen system integration capability
- (3) Enrich product line-up

Target of Ordinary Income FY3/17 ¥6billion

### **Electric Devices Business:**Four T & A (1) Expand fundamental business



\*SFA Sales Force Automation

KPI Key Performance Indicator

\*FAE Field Application Engineer

A sales support system that makes effective use of information Indices of significant business results for evaluation

Sales personnel with technical knowledge on products and solutions who are capable of making technical proposals

#### Electric Devices Business: Four T & A (2) Step up actions for growth markets

	Communications	Focus attention on loT*  - Develop original evaluation boards and present different solutions to move the cultivation of the market forward.
Focus Markets	Automobiles	Step up efforts related to ADAS* and other next-gen technologies.  - Areas of differentiation, such as automotive navigation systems, meter panels, and engine controls contribute to business results.  - Bolster efforts in North American market, Southeast Asian market, and other overseas markets.
ets	Industrial Equipment	Focus energy on factory automation equipment.  - Brisk sales of products for servo motors and sequencers.  - Broaden the array of sensors and other products.
	Medical Equipment	Develop projects in areas related to endoscopes and advanced medical systems.  - Push ahead with project development in areas where Japan is a leader in hopes of accelerating their progress in the future.

\*IoT Internet of Things

A technology for recognizing different things connected to the network, and how to control these things

\*ADAS Advanced Driving Assistant System

A sophisticated system for automated driving and other forms of assisted driving

#### **Electric Devices Business:**

Four T & A (3) Promote development of new products

Offering the latest technologies and products in form of solutions to at least 50 companies based mainly in the United States, Taiwan, and China

### Semiconductor

- OpenSilicon(ASIC)
- Baysand(ASIC)
- SanDisk(Flash/SSD)



Baysand ASIC

# Electronic components

- Eink(E-Paper)
- Molex(Connector)
- IDT(Clock IC)
- CNI(Cover Glass)



Eink E-Paper

## Ecology

Winaico
 (Photovoltaic panels)



Solar Einou

### **Electric Devices Business:**Four T & A (4) Enhance global operations

Further build up overseas support capabilities through the use of Arrow's wide-ranging products, bases, and distribution data infrastructure

Marubun/Arrow 9 countries, 23 bases Arrow Electronics 56 countries, 460 bases MARUBUN USA CORPORATION MARUBUN/ARROW(SHANGHAI) CO., LTD MARUBNU/ARROW USA, LLC (Shanghai, China) (Headquarters: Santa Clara) Nanjing, China Dalian, China www.marubun.co.jp Denver MARUBUN CORPORATION MARUBUN/ARROW (SHENZHEN) ELECTRONIC Chicago PRODUCT CONSULTING CO., LTD. (Shenzhen, MARUBUN/ARROW ASIA, LTD. Detroit China) Foothill Ranch Atlanta Reno MARUBUN/ARROW(HK) LTD (Hong Kong, China) MARUBUN SEMICON(SHANGHAI)CO.,LTD Dallas (Shanghai, China) MARUBUN ARROW(THAI) CO., LTD San Diego -(Bangkok, Thailand) MARUBN TAIWAN INC. Guadalajara (Taipei, Taiwan) MARUBUN ARROW(M) SDN BHD (Penang, Malaysia) MARUBUN/ARROW(PHILS) INC. (Manila, Philippines) MARUBUN-ARROW MEXICO, S.de R.L.de C.V. MARUBUN SEMICON(H.K.) LIMITED (Head Office: Mexico city) (Hong Kong, China) September, 2014 Kuala Lumpur, Malaysia Establish operation bases, responding to the accelerated entry PT. MARUBUN ARROW INDONESIA of automobile-related industries MARUBUN/ARROW(S) PTE LTD (Jakarta, Indonesia) (Singapore) **April, 2014** MARUBUN SEMICON(S) Pte.Ltd. (Singapore)

MARUBUN/ARROW USA, LLC

Other

MARUBUN/ARROW ASIA, LTD

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#### **Electric Systems Business: Three T & A**

#### Market-In & Customer-In concept

Move ahead with differentiation by offering services and solutions that answer the varying needs of each individual customer

- Enhance
  (1) engineering services
- Strengthen
  (2) system
  integration
  capabilities

(3) Enrich product line-up



# Medium-Term Vision Progress of Business Strategies

### FY3/16 Summary of Consolidated Financial Forecasts

#### **FY3/16** Summary of Financial Forecasts

#### Net sales expected ¥284 billion (+3.8% YoY)

- **Electronic Devices Business** Increase in ICs for automobile , industrial equipment and telecommunications infrastructure
- **Electronic Systems Business** Increase in medical equipment, inclusion a consolidated subsidiary and increase in laser equipment

#### Operating income expected ¥4.5billion (-0.0% YoY)

- Gross profit margin Increase by expansion of net sales
- SG&A expenses inclusion a consolidated subsidiary

#### Ordinary income expected ¥4.5 billion (+15.8% YoY)

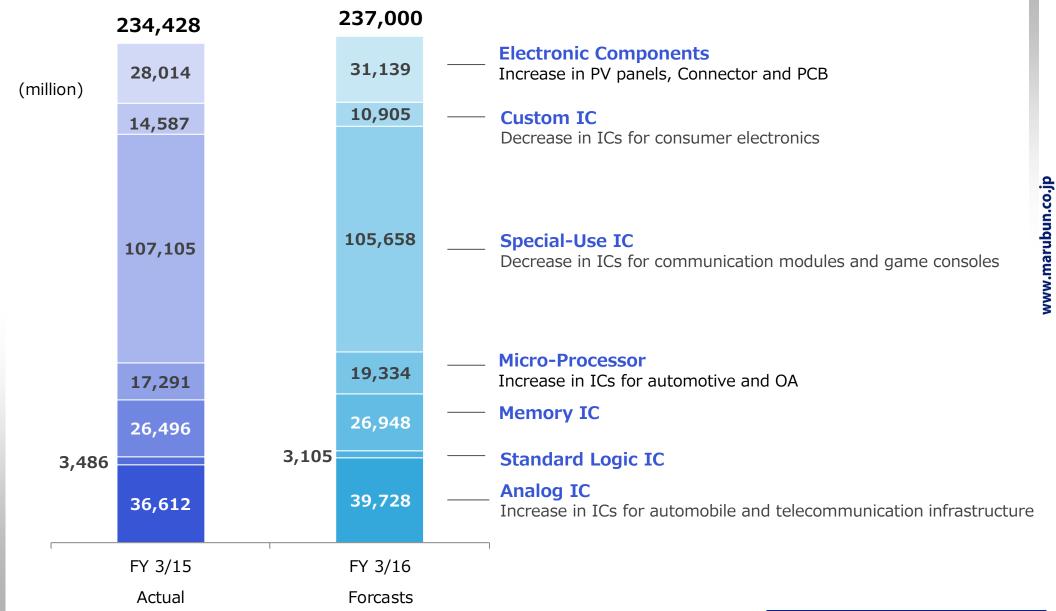
• **Foreign exchange losses** Decrease of foreign exchange losses of 900millon yen in FY3/15

#### **Net income expected ¥2.5 billion (+28.1% YoY)**

#### **FY3/16 Financial Forecasts**

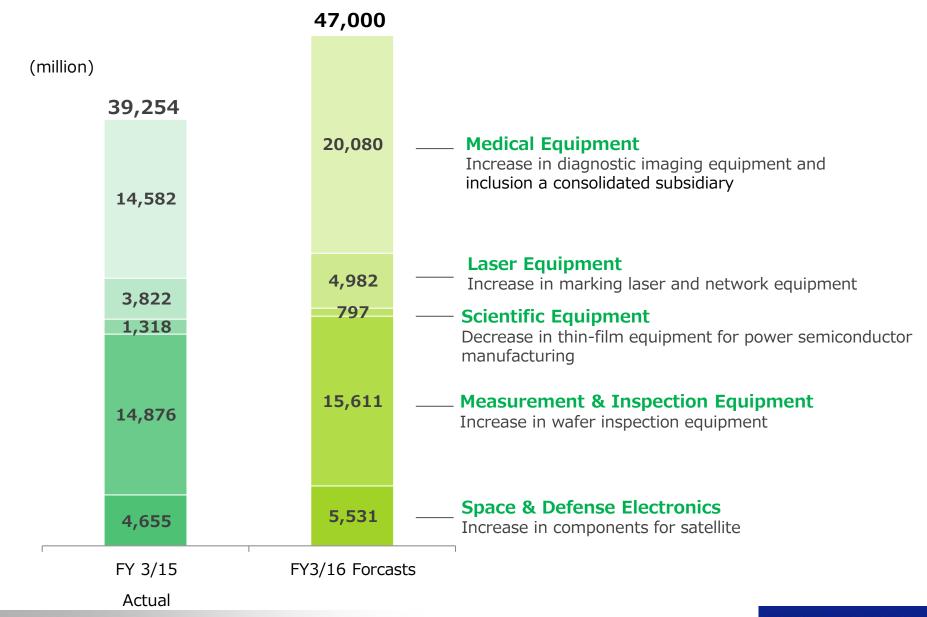
(¥ million)	FY:	3/15	FY3	/16	YoY Changes		
	Actual	Composition Ratio	Forcast	Composition Ratio	Amount	%	
Net sales	273,683	100.0%	284,000	100.0%	10,317	3.8%	
Electronic Devices	234,428	85.7%	237,000	83.5%	2,572	1.1%	
Electronic Systems	39,254	14.3%	47,000	16.5%	7,746	19.7%	
Gross profit	19,146	7.0%	20,000	7.0%	854	4.5%	
SG&A expenses	14,593	5.3%	15,450	5.4%	857	5.9%	
Operating income	4,552	1.7%	4,550	1.6%	(2)	0.0%	
Non-operating income	751	0.3%	600	0.2%	(151)	-20.1%	
Non-operating expenses	1,418	0.5%	650	0.2%	(768)	-54.2%	
Ordinary income	3,886	1.4%	4,500	1.6%	614	15.8%	
Extraordinary income	7	0.0%	700	0.2%	693	9900%	
Extraordinary loss	110	0.0%	750	0.3%	640	582%	
Net income	1,990	0.7%	2,550	0.9%	560	28.1%	

#### FY3/16 Electronic Devices Business **Net Sales Forecasts by Product**

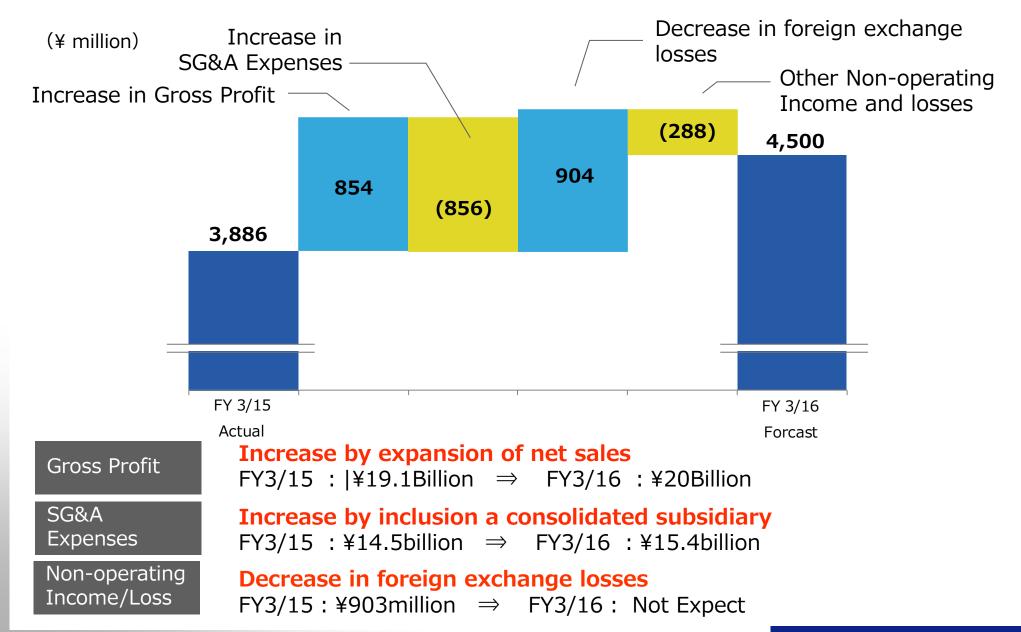


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### FY3/16 Electronic Systems Business Net Sales Forecasts by Product



### FY3/16 Factors Affecting Ordinary Income (Forcasts)



#### **Return to Shareholders**

#### Change in a dividend policy

Dividend Payout Ratio The greater, 25% or more(consolidated) or 30% or more(non-consolidated)

30% or more(consolidated)

#### Dividends Forecast

(¥)	FY 3/15	FY 3/16 (Forcasts)
Annual Dividend per Share	20.00	30.00
Interim Dividend	7.00	12.00
Year-End Dividend	13.00	18.00



### Appendix

#### **Corporate Outline**

Establishment July 1947

■ Capital ¥6,214 million

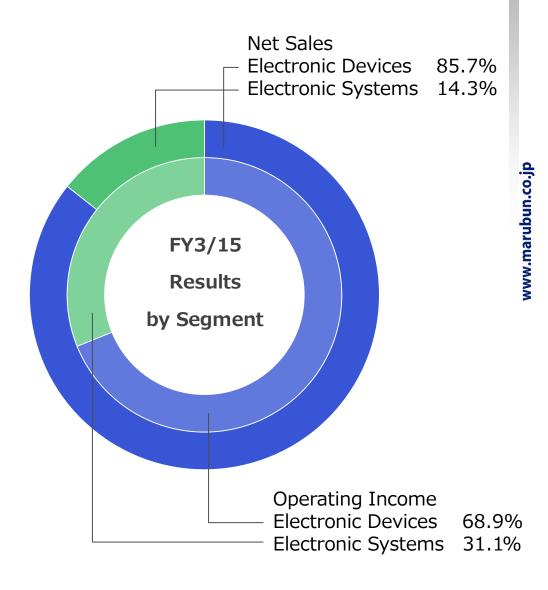
Activities Distribution of Cutting-edge

**Electronics Products** 

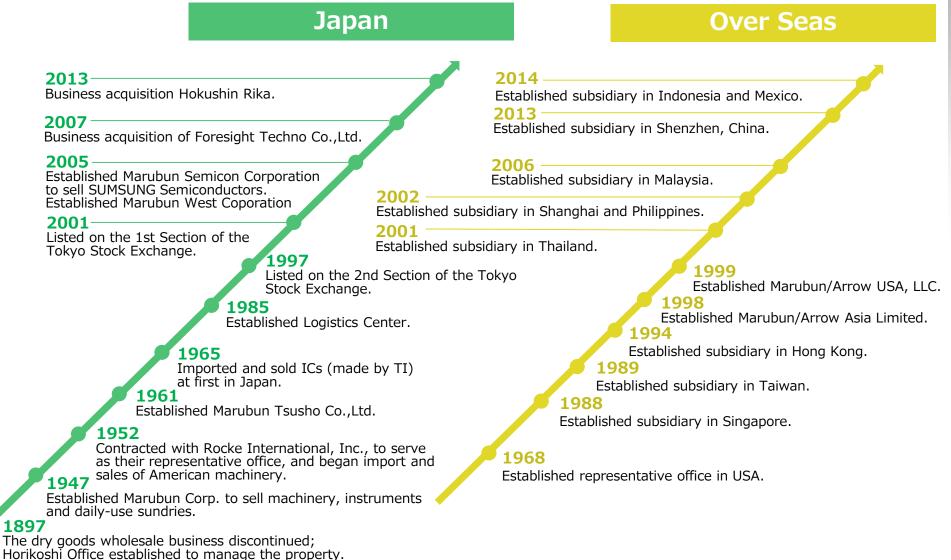
Headquarters Chuo-ku, Tokyo

Consolidated 273,683 million yen(FY3/15)Net Sales

Numbers of 1,236(As of March 31,2015) Employees



#### **History of Company Operations**



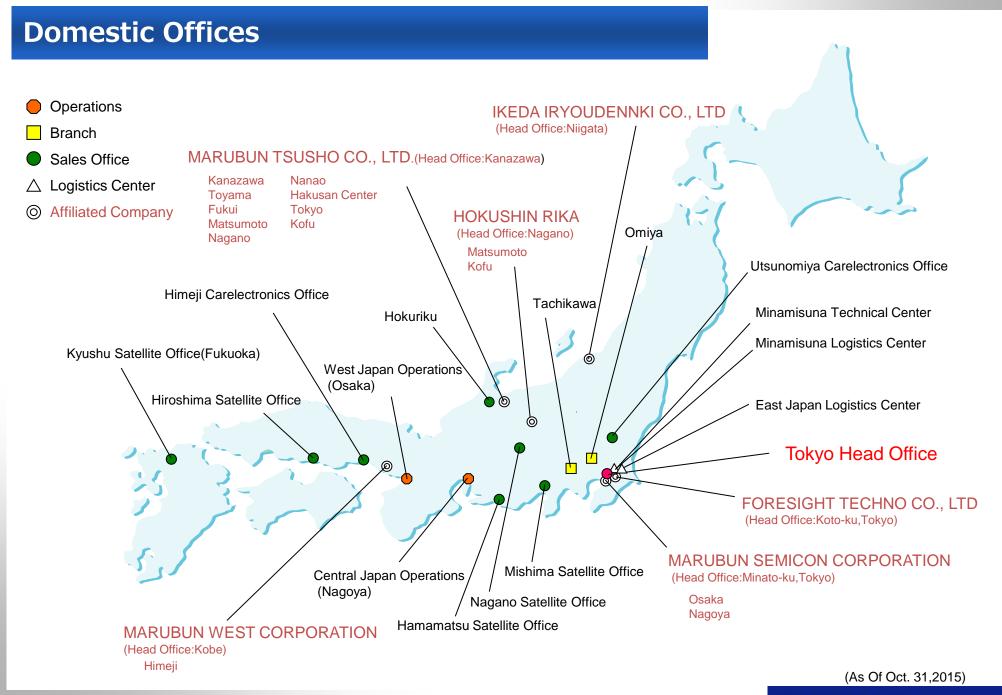
(As Of Oct. 31,2015)

Dry goods wholesaler "Horikoshi" started a business, at the site of the present company headquarters, that went by the name Marubun.

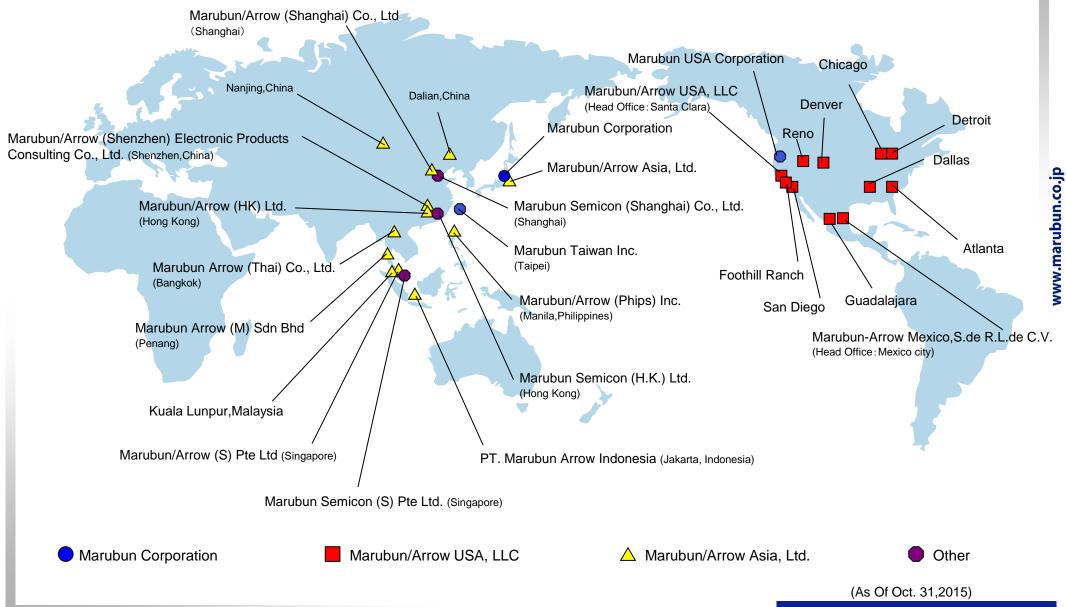
1844

#### **Trend of 10 years**



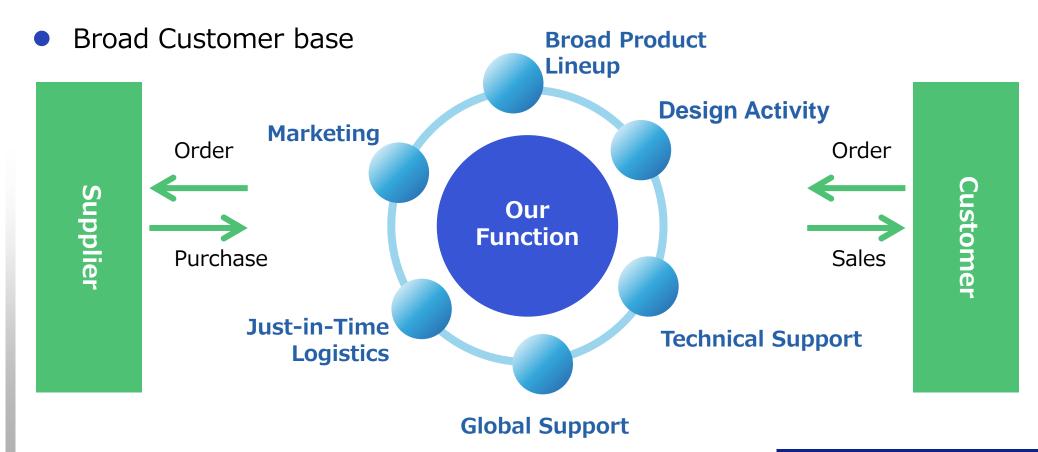


#### **World-wide Sales Network**



#### **Characteristic and Strength** -Electronic Devices-

- Electronic Devices
- Wide Range of Products made by Leading Semiconductor Manufacturers
- Global Sales Network in alliance with Arrow Electronics, Inc.
- Suggesting Solutions by high technology skill



#### **Affiliations - Electronic Devices-**

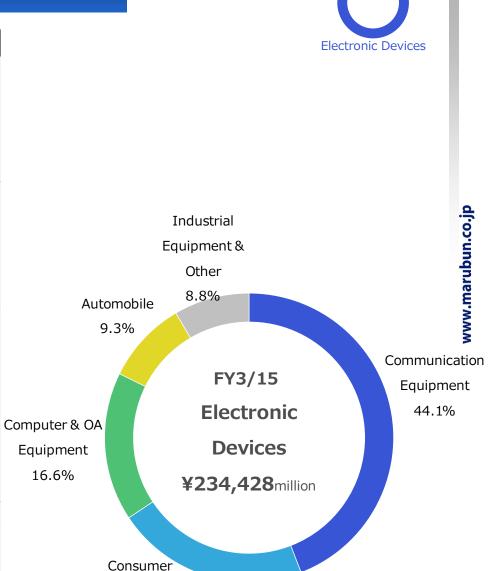


Company	Headquarters	Establishment	Shares	Principal Business
Marubun Semicon Corporation	Minato-ku, Tokyo	Mar. 2005	100.0%	
Marubun Semicon (Shanghai) Co., Ltd.	Shanghai, China	Mar. 2005	100.0%	Devices Business
Marubun Semicon (H.K.) Ltd.	Hong Kong, China	Jan. 2010	100.0%	
Marubun Semicon (S) Pte. Ltd.	Alexandra Road, Singapore	Nov.2013	100.0%	
Marubun USA Corporation	California, U.S.A.	Oct. 1983	100.0%	Devices Business/Holding Company
Marubun Taiwan, Inc.	Taipei, Taiwan	Nov. 1989	100.0%	Devices Business
Marubun/Arrow Asia, Ltd.	British Virgin Islands	Oct. 1998	50.0%	Devices Business/Holding Company
Marubun/Arrow (S) Pte Ltd.	Anson Road, Singapore	Mar. 1988	50.0%	
Marubun/Arrow (HK) Ltd.	Hong Kong, China	Aug. 1994	50.0%	
Marubun Arrow (Thailand) Co., Ltd.	Bangkok, Thailand	Oct. 2000	50.0%	
Marubun/Arrow (Phils), Inc.	Laguna, Philippines	Oct. 2001	50.0%	•
Marubun Arrow (M) SDN BHD	Penang, Malaysia	Jun. 2006	50.0%	
Marubun/Arrow (Shanghai) Co., Ltd.	Shanghai, China	Sep. 2002	50.0%	Devices Business
Marubun/Arrow (Shenzhen) Electronic Product Consulting Co.,Ltd.	Shenzhen, China	Jun. 2013	50.0%	
PT. Marubun Arrow Indonesia	Jakarta, Indonesia	Apr. 2013	50.0%	
Marubun/Arrow USA, LLC*	Delaware, U.S.A.	Nov. 1998	50.0%	
Marubun-Arrow Mexico, S. de R.L. de C.V.*	MexicoCity, Mexico	Sep. 2014	50.0%	

<sup>\*</sup> Marubun/Arrow USA, Marubun-Arrow Mexico : Affiliate company

#### Main Products (by Application) -Electronic Devices-

			ŀ	Application	<u> </u>	
		Communication Equipment	Consumer Equipment	Computer & OA	Automobile	Industrial Equipment
Semicono	luctor					
Analog IC	Analog	•	•	•	•	•
	Discrete	•	•		•	•
Standard Lo	gic IC	•	•	•	•	•
Memory IC	DRAM	•	•	•	•	
Memory IC	Flash		•	•		
Micro-	MPU,MCU	•	•	•	•	•
Processor	DSP	•	•		•	•
	ASSP	•	•		•	
Special-Use	Display Driver	•	•	•	•	
IC	DMD		•	•		•
	LED		•			
Custom IC		•	•	•	•	
Erectroni	c Components					
LCD Panel		•	•	•	•	•
OELD			•			
Crystal Devi	ce		•		•	
Connector,S	wich,PCB	•				



21.8%

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#### Main Products(by Supplier) -Electronic Devices-



												-					
							Supplier										
		Asahi Kasei Microdevices	APCB	Baysand	Broadcom	Etron	Freescale	ISSI	Maxim	Molex	Open Silicon	Qorvo	Samsung	SanDisk	Seiko Epson	Texes Instruments	Unimicron
Semicono	ductor																
Analog IC	Analog	•					•		•			•				•	
Allalog IC	Discrete						•										
Standard Lo	ogic IC															•	
Memory IC	DRAM					•		•					•				
	Flash												•	•			
	Memory Card													•			
Micro-	MPU,MCU						•								•	•	
Processor	DSP	•					•									•	
	ASSP	•			•		•		•			•			•	•	
Special-Use	Display Driver									***************************************		***************************************	•		•	•	
IC	DMD															•	
	LED	***************************************											•				
Custom IC		•		•							•		•		•	•	
Erectroni	c Components																
LCD Panel													•				
OELD													•				
Crystal Devi	ice														•		
Connector,	Swich									•							
PCB			•														•

#### **Characteristic and Strength** -Electronic Systems-

Electronic Systems

- Providing Unrivaled Products in High-end Markets
- Value-added Technical Support
   (System Integration, Installation and Maintenance Services)



#### **Affiliations -Electronic Systems-**

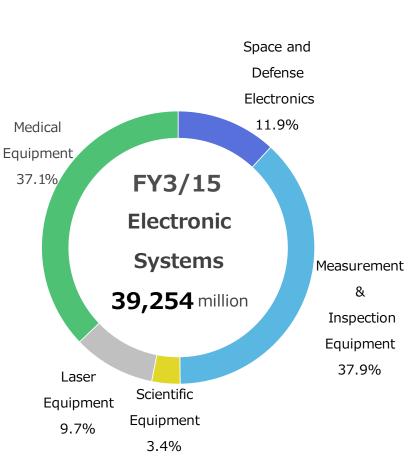


Company	Headquarters	Establishment	Shares	Principal Business
Marubun Tsusho Co.,Ltd.	Kanazawa, Ishikawa	Mar. 1961	100.0%	Systems Business
Hokushinrika	Nagano, Nagano	Nov. 1951	100.0%	Systems Business
Ikeda iryoudenki Co.,Ltd.	Niigata, Niigata	Aug. 1961	100.0%	Systems Business
Marubun West Corporation	Kobe, Hyogo	May. 2005	100.0%	Systems Business
Foresight Techno Co.,Ltd.	Koto-ku, Tokyo	Mar. 1999	51.0%	Systems Business

#### Main Products - Electronic Systems-



Segment	Main Products	Major Supplier		
Space and Defense	High-reliability Components, Sensors	Tele Communication Systems、 Plascore,Lavision		
Electronics	Avionics Test System, Microwave Equipment	CPI,L3 Communications		
Measurement &	Measurement & Inspection	Akim,Shimadzu,		
Inspection	Equipment,Boad Computer	Artesyn,ADLINK		
Equipment	Manufacturing Equipment	Seiko Epson,		
Equipment	Manufacturing Equipment	Nippon Avionics		
Scientific	MOCVD System,	AIVTDON Dibor		
Equipment	MBE Equipment	AIXTRON,Riber		
Laser	Laser Oscillators & Processing Equipment	nLight,Laserline		
Equipment	Network Equipment,	Microsemi, Calnex Solutions,		
	Optical Components	Excelitas Technologies		
	Diagnostic Imaging	Shimadzu, Siemens Japan,		
Medical	Equipment	Konica Minolta Healthcare		
Equipment	Hemo Dialysis Equipment	Nikkiso,Asahi Kasei Medical, Kaneka Medix		

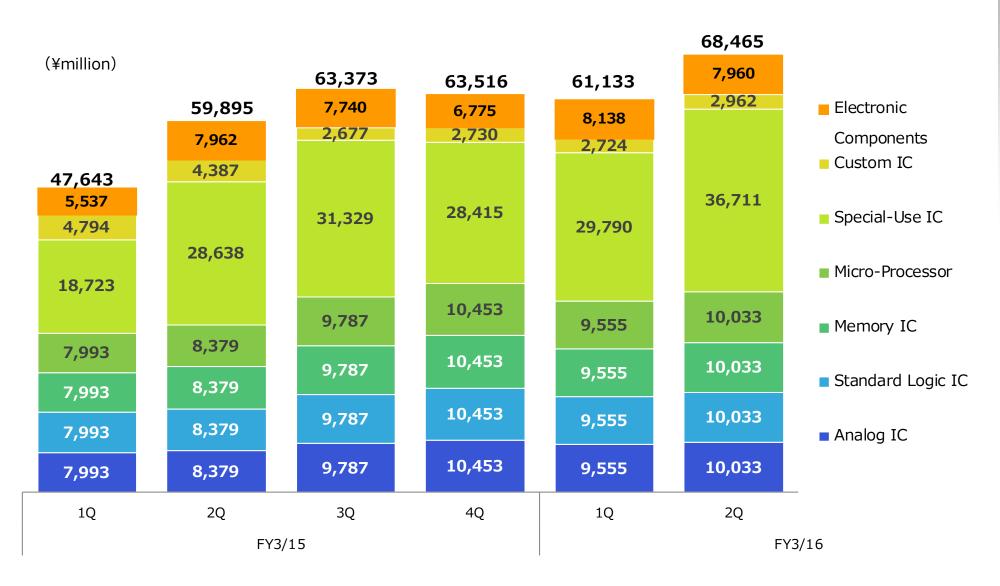


#### **Trend in Orders/Sales**



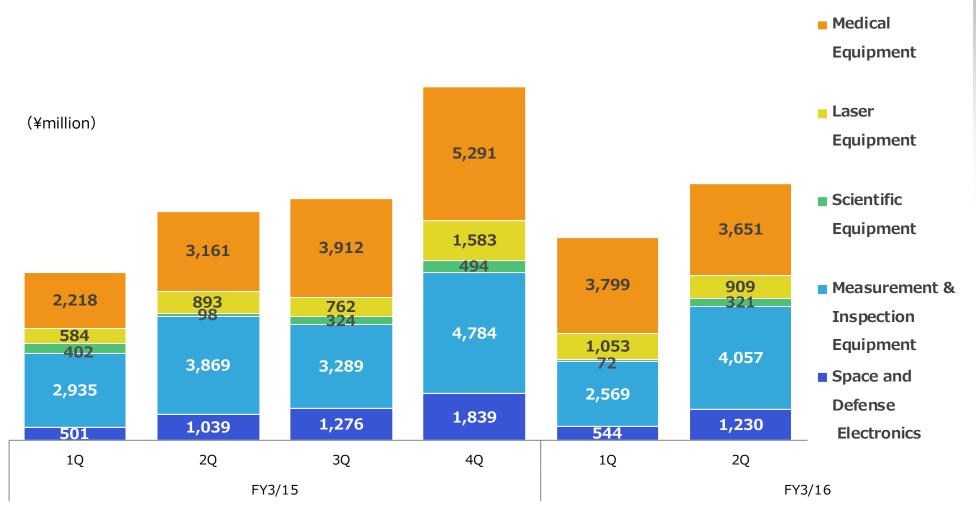
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#### **Trend in Sales of Electronic Devices by Products**



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#### **Trend in Sales of Electronic Systems**



#### **Cautionary Statement**

Within the presentation, information on the future performance such as results forecasts is based on the data available at the time this presentation was prepared that the Company assumes reasonable. Actual performance depends on various important factors and may differ significantly from the estimates contained herein.

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