

# Structural Reform of Electronic Devices Business - Concentrating Full Resources on LSIs -

February 8, 2005

# Toshihiko Ono Corporate Executive Vice President Fujitsu Limited



THE POSSIBILITIES ARE INFINITE

## **Electronic Devices Business**

### **Market Situation**

# **Basic Strategy**

Severe conditions in second half of FY 2004; FY 2005 conditions similar to FY 2004

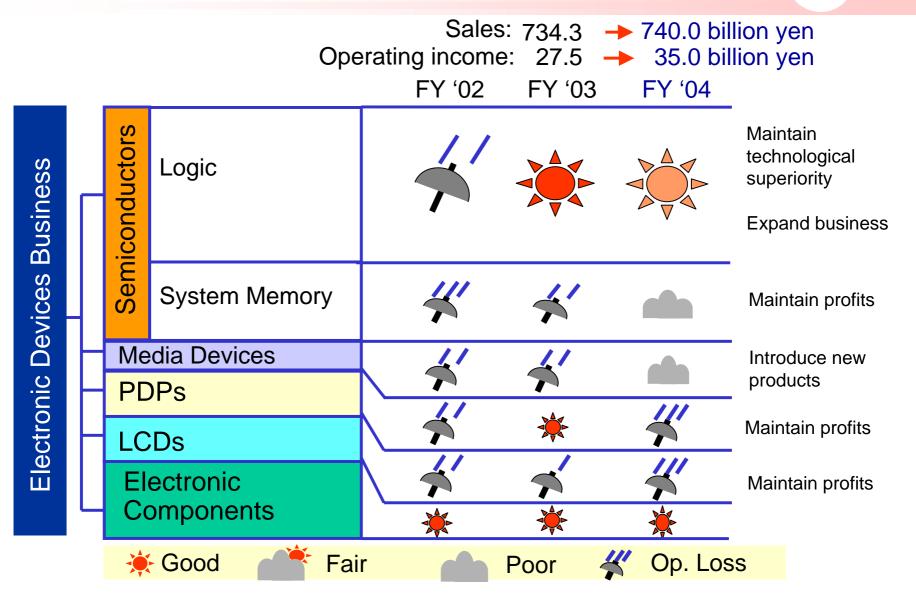
System chips are source of our products' competitiveness (performance, cost, delivery)

Technology advances exacerbating limitations of horizontally segmented business model Increase focus on logic business

Strengthen strategy of partnering with customers

Continue QCD improvements (quality, cost, delivery)

### **Electronic Devices Business Status**



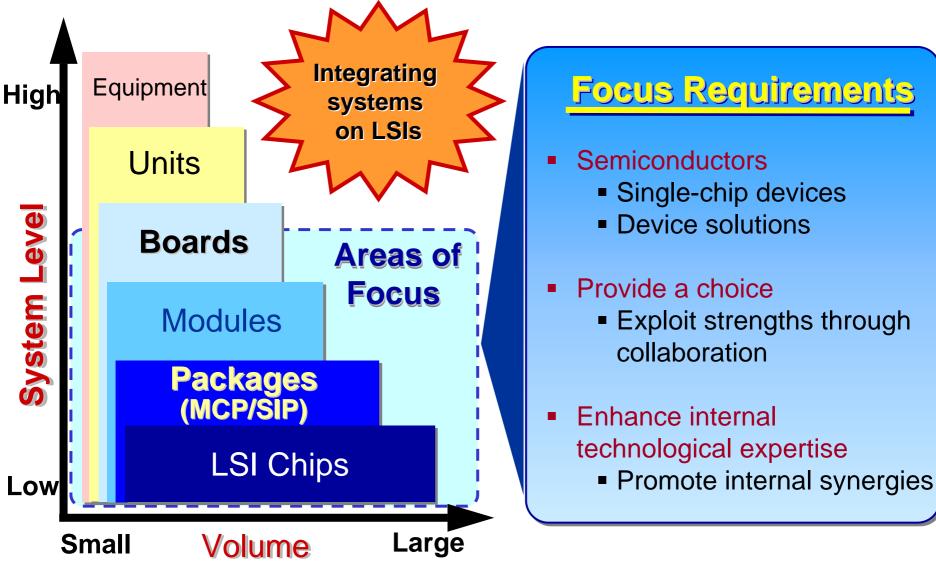
## **Third Quarter Results for Electronic Devices**

(billion yen)

	FY 2004 3Q		FY 2004 (projected)		
		Change from FY '03 3Q		Change from previous year	Change from previous year*
Sales	170.1	-11.0%	740	0.8%	5.5%
Domestic	100.8	0.4%	420	11.0%	11.3%
Overseas	69.2	-23.7%	320	-10.1%	-1.4%
Semiconductors	96.4	-7.3%	420	4.0%	13.1%
Other	73.7	-15.5%	320	-3.1%	-3.1%
Operating Income	0.3		35	27.3%	9.0%
Operating Margin	0.2%	-7.9%	4.7%	1.0%	0.2%

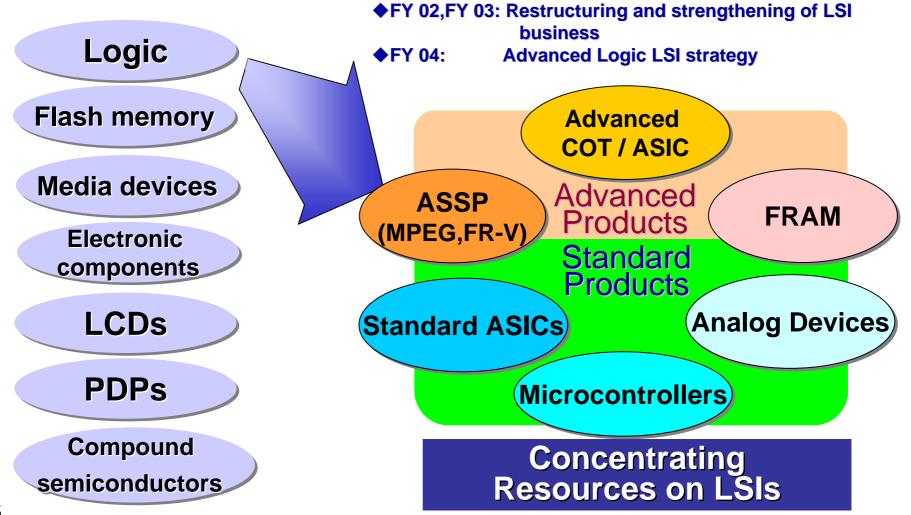
\* If operations shifted to equity method affiliates are included

### **Our Areas of Focus in Semiconductors**



# **Direction of Structural Reforms**

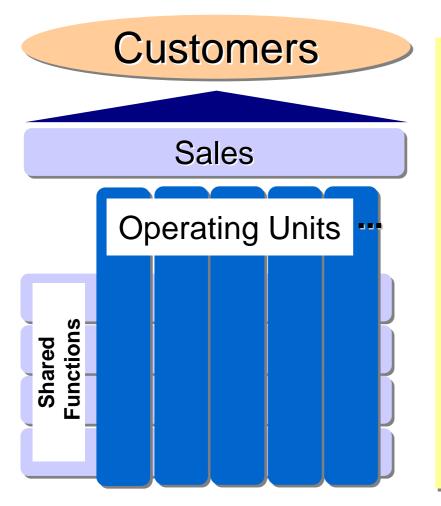
#### Structural Reform of Electronic Devices Business since 2002



All Rights Reserved, © Fujitsu Limited 2005

### **Evolution in Structural Reforms:** Internal Organizational Reforms in FY 2002

From June 2002: Shifted LSI operations to matrix-type organization



- Clarification of quantitative inputoutput of each operating unit
- Clarification of focus areas
- Integrated organization for marketing, production, delivery
- Consistent efficiency gains in software, design methods and manufacturing innovation

### Points of Emphasis in Strengthening Our LSI Operations

## Worldwide Development

"Image Processing" & "Low Power"

#### Standard Products: Reduce cost ratio

Boost capability with minimal investment

Improve structural efficiencies

Manufacturing innovation (Toyota Production System)

#### Advanced Products: Completely reform former approach

- Quick return
- Rapid, low-cost development (first-time-complete)
- Software verification

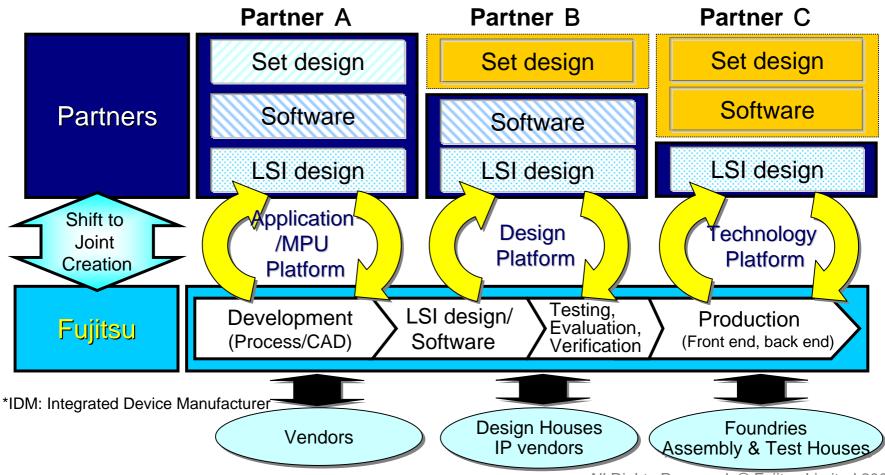
#### Resources: Design/Software

### **Evolution in Structural Reforms:** Business Restructuring in FY 2003

	С	ompany	Objective
Business Consolidation		pansion - In Flash business	mprove efficiency and boost competitiveness
Bus Cons	■Dec. '03 E	Eudyna - s	Strengthen single module business
Technology Development	Γ	Fujitsu Microelectronics	Shift design and software resources from telecommunications division (Strengthen R&D)
More Efficient Use of Resources	1	TM - S Fujitsu Integrated Microtechnology	Strengthen back-end competitiveness - Focus on assembly/testing
	■Oct. '03 F		trengthen business development in China
2			

### **New IDM Business Model:** Focus on Advanced Logic LSIs from 2004

#### **Shift to New IDM Business Model**



All Rights Reserved, © Fujitsu Limited 2005

### Construction of New 90/65nm 300mm Fab: Begun in March 2004

#### Exterior view (photo as of 11/04)



World's first semiconductor fab utilizing seismic isolation construction

#### **Status of New Mie Facility**

- 4/21/04: Groundbreaking ceremony
- 11/20/04: Completion of construction
- 2/8/05~: Pilot testing now under way
- 4/1/05: Official start of operations
- 9/05: Start of mass production

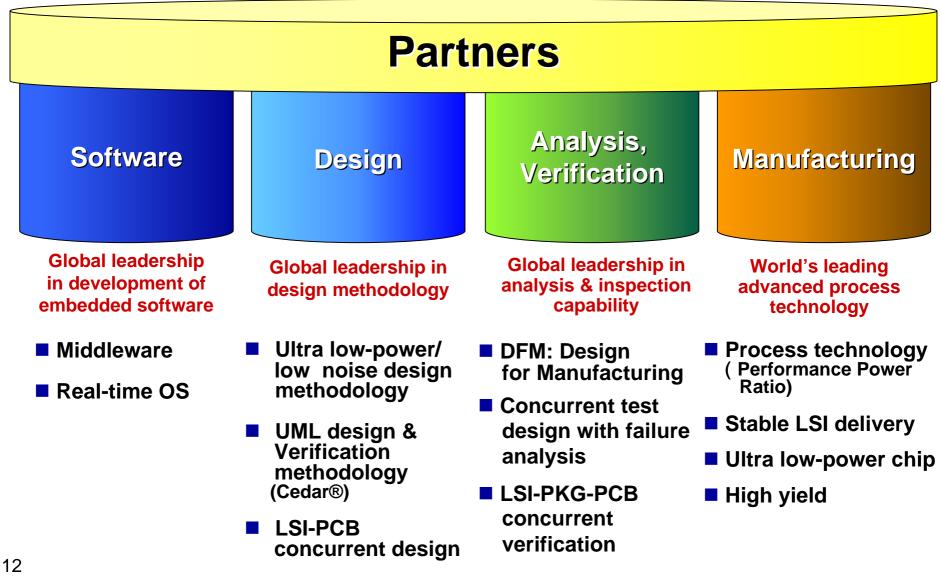
# **This Time**

	_	Fujitsu Entity	Counterparty	Action
Strengthening Business Operations	Integration	■ FHP	Hitachi	Equity Transfer • 30.1% of issued stock • intellectual property rights
	Vertical Integ	FDTC LCD business	Sharp	<ul> <li>Business Transfer</li> <li>R&amp;D, manufacturing, sales</li> <li>Yonago Plant</li> <li>CLC low- temperature polysilicon technology (Fujitsu Laboratories)</li> </ul>
	Horizontal Segmentation	FVD Manufacturing equipment business	ULVAC	<ul> <li>Business Transfer</li> <li>Semiconductor process manufacturing equipment</li> <li>LCD one drop filling system (ODF equipment)</li> <li>PDP panel, bump inspection equipment</li> </ul>

11

All Rights Reserved, © Fujitsu Limited 2005

### **Four Pillars Supporting Our Partners:** World-class Leadership in LSI Technology





#### Expand business fields that can become "cash cows"

#### **Bolster design and embedded software resources**

**Reform sales structure** 

All Rights Reserved, © Fujitsu Limited 2005

#### **Cautionary Statement**

This presentation may contain forward-looking statements that are based on management's current views and assumptions and involve known and unknown risks and uncertainties that could cause actual results, performance or events to differ materially from those expressed or implied in such statements. Words such as "anticipates," "believes," "expects," "estimates," "intends," "plans," "projects," and similar expressions which indicate future events and trends identify forward-looking statements.

Actual results may differ materially from those projected or implied in the forward-looking statements due to, without limitation, the following factors:

•general economic and market conditions in the major geographic markets for Fujitsu's services and products, which are the United States, EU, Japan and elsewhere in Asia, particularly as such conditions may effect customer spending;

•rapid technological change, fluctuations in customer demand and intensifying price competition in the IT, telecommunications, and microelectronics markets in which Fujitsu competes;

•Fujitsu's ability to dispose of non-core businesses and related assets through strategic alliances and sales on commercially reasonable terms, and the effect of realization of losses which may result from such transactions;

•uncertainty as to Fujitsu's access to, or protection for, certain intellectual property rights;

•uncertainty as to the performance of Fujitsu's strategic business partners;

•declines in the market prices of Japanese and foreign equity securities held by Fujitsu which could cause Fujitsu to recognize significant losses in the value of its holdings and require Fujitsu to make significant additional contributions to its pension funds in order to make up shortfalls in minimum reserve requirements resulting from such declines;

•poor operating results, inability to access financing on commercially reasonable terms, insolvency or bankruptcy of Fujitsu's customers, any of which factors could adversely affect or preclude these customers' ability to timely pay accounts receivables owed to Fujitsu; and

•fluctuations in rates of exchange for the yen and other currencies in which Fujitsu makes significant sales or in which Fujitsu's assets and liabilities are denominated, particularly between the yen and the British pound and U.S. dollar, respectively.



# THE POSSIBILITIES ARE INFINITE