Electronic Devices Business Strategy

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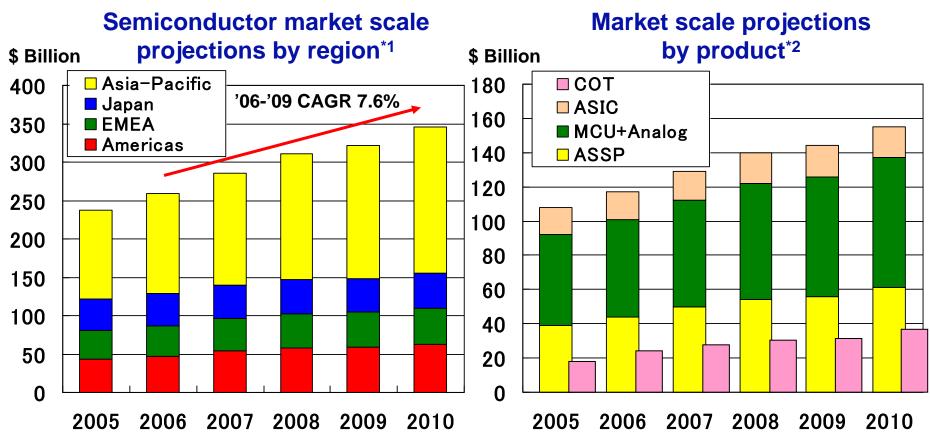


- 1. Electronic Devices Market Overview
- 2. Electronic Devices Business Strategy
- 3. Business Expansion in 2007 and Beyond

Market Overview



- Steady growth of semiconductor market
- Adjustment continues in first half of 2007, recovery expected in second half



*1: iSuppli *2: iSuppli; COT is Fujitsu estimate

COT (Customer-Owned Tooling), ASIC (Application Specific Integrated Circuit), MCU (Micro Controller Unit), ASSP (Application Specific Standard Product)

Market Overview



Rapid growth for advanced COT, standard products in Asia

Market scale projections by COT technology*1

Advanced COT '06-'09 CAGR: 64%

MCU, analog market scale projections by region*2

Asia '06-'09 CAGR: 10% \$ Billion \$ Billion Asia-Pacific **■ ≦** 90nm Japan **≧**110nm ■ EMEA **■** Americas

*1: Fujitsu estimates, *2: iSuppli

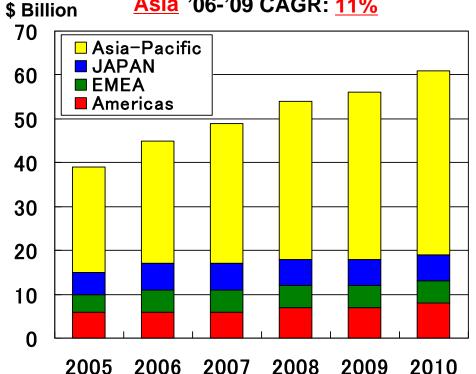
Japanese Customers' Changing Business Structure



Particularly in the digital AV market, demand is rapidly shifting from ASICs for set manufacturers in Japan to ASSPs for EMS/ODMs in Asia

ASSP market scale projections by region*1

<u>Asia</u> '06-'09 CAGR: <u>11%</u>



- ASIC use limited to high value-added models; shift to ASSPs for other models
- For high-volume models, contract design to EMS/ODM, rather than designing in-house (in Japan) → Business base shift to Asia



EMS (Electronics Manufacturing Service), ODM (Original Design Manufacturer)

*1: iSuppli

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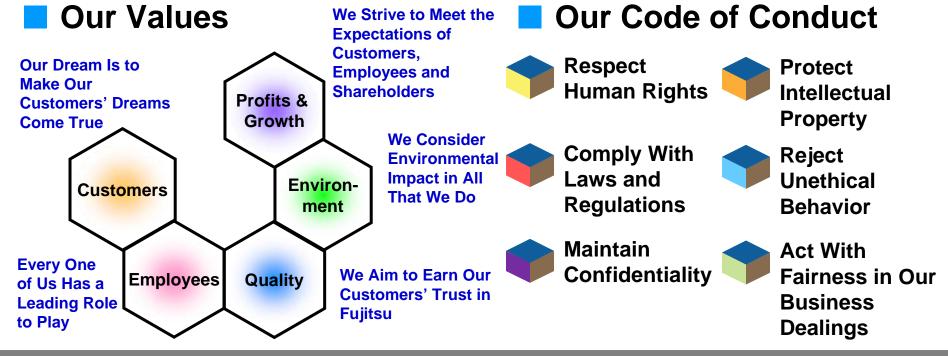
The FUJITSU Way

-Turning Dreams Into Reality- FUJITSU



Our Mission

Fujitsu continually seeks to create new value by providing customers with comprehensive solutions comprising highly reliable high-performance products and services based on powerful technologies. Through this, we aim to grow, realize profits and foster mutually beneficial relationships in our communities worldwide.



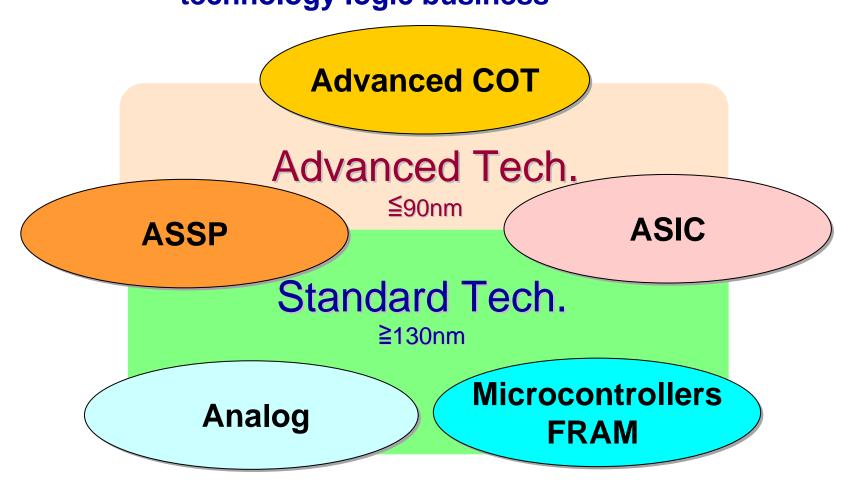
Business Strategy



Focus on Logic Business, Dramatically Increase Profits

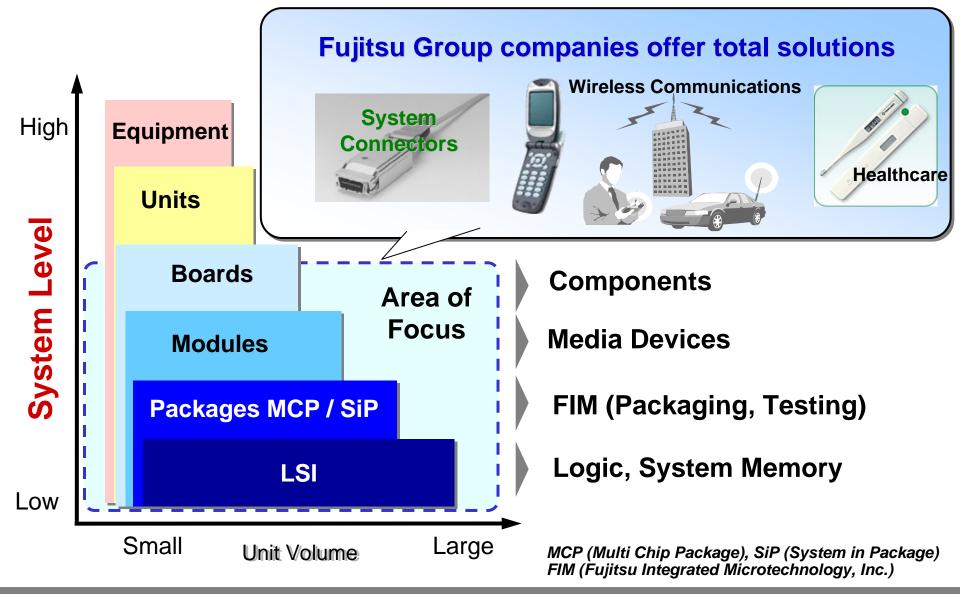
♦2004 - 2005: Focus resources on logic business

2006 - : Strengthen profitability of advanced and standard technology logic business



Business StrategySynergy in Electronic Devices Business



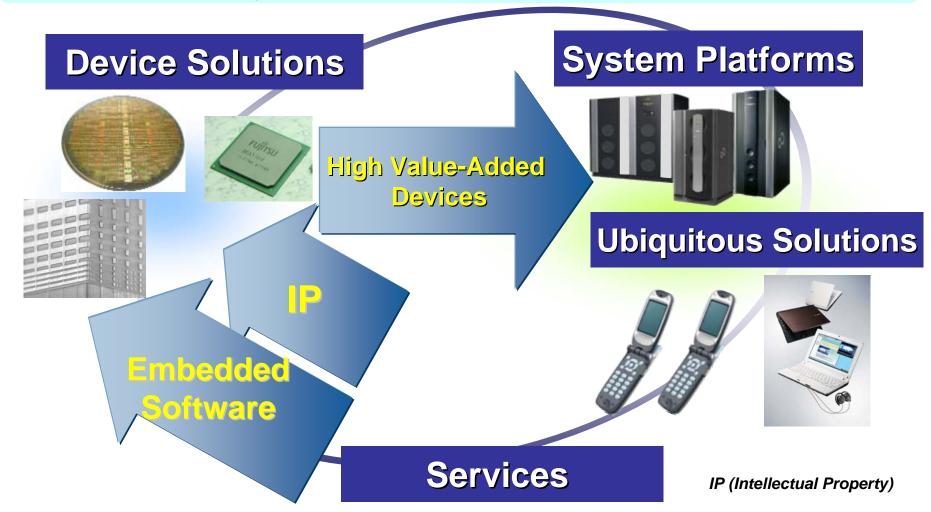


Business Strategy



Increase Product Competitiveness Through Internal Synergies

Providing high value-added devices that help make Fujitsu products more competitive



Basic Strategy



Leverage New IDM model to further accelerate emphasis on logic business and expand volume business

Maintain balance between advanced and standard products

■Pursue product development and manufacturing in synch with fab lifecycle
 → Continuously increase and reinvest profits

Differentiated technology and value creation

- Leverage low-leak, low-power strengths to pursue higher volumes worldwide
- Maintain "Fujitsu for Image Processing" brand image

Pursue further globalization

■ Develop ASSP and standard product businesses on a global basis to achieve higher volumes

IDM (Integrated Device Manufacturer)

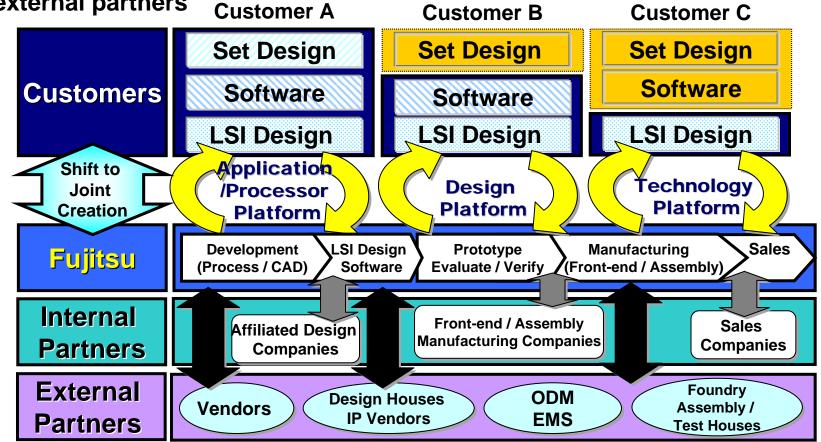
Target Business Model New IDM



Continue to adhere to New IDM model, deepen and expand business in response to market changes

- > Build strategic partnerships with customers from earliest stages
- > Offer consistent services through close collaboration with internal and external partners

 Customer C



Device Solutions Projections for FY 2006 FUJITSU

Billion Yen

	FY05 Results	FY06 Forecast at 3Q ¹	FY06 Forecast at 1H ²	Change in Forecast
Net Sales	707.5	760.0	810.0	-50.0
LSI Devices	460.1	460.0	510.0	-50.0
Electronic Components, Others	247.4	300.0	300.0	-
Operating Income	33.3	20.0	30.0	-10.0
Operating Income Margin	4.7%	2.6%	3.7%	-

Reason for Revisions: Lower sales of logic LSI devices

- Standard Logic LSI
 Lower sales due to
 production adjustments by
 several customers, primarily
 in digital AV and mobile
 phone areas
- Advanced Logic LSI Lower demand from some digital AV customers

¹⁾ Forecast at 3Q as of January 31, 2007 2) Forecast at 1H as of October 26, 2006

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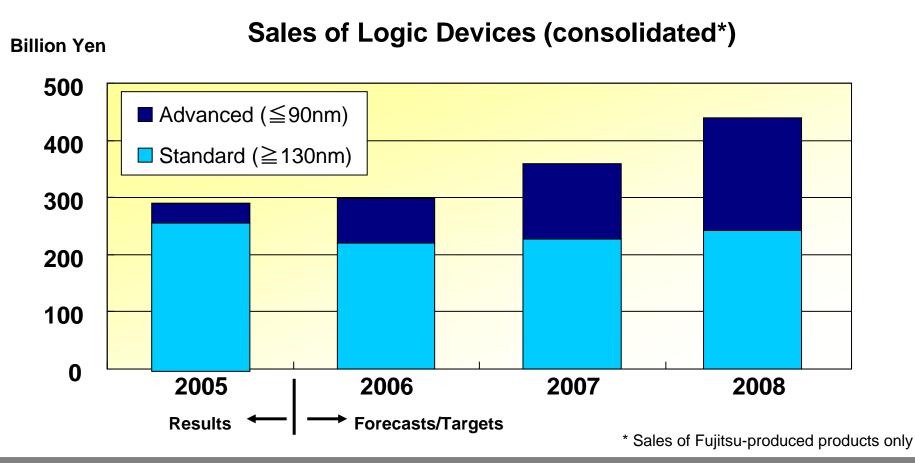


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Expanding Our Logic Business



Positioning 90nm and finer advanced technology as growth engine to greatly expand sales

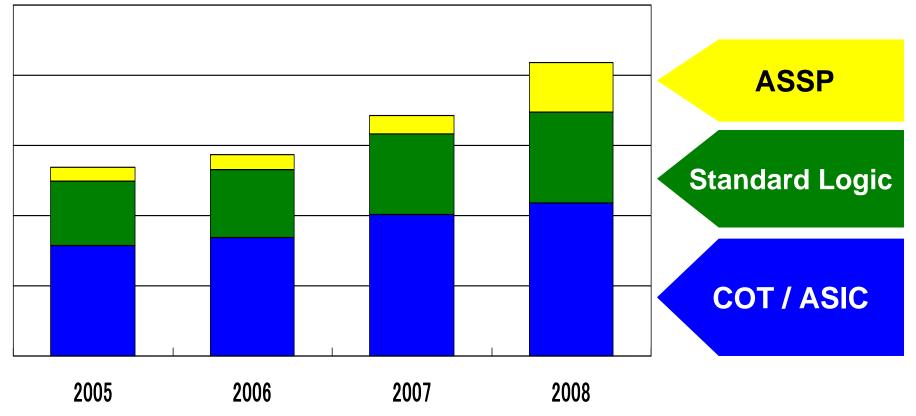


Optimizing Our Product Mix



- Maintain position in COT/ASIC as baseload of business
- Expand scale of ASSP and standard logic (microcontrollers, analog devices) business, and optimize product mix

Sales of Logic Devices by Product





- Developing Our ASSP Business
- Developing Our Standard Logic Business
- Developing Our COT / ASIC Business

ASSPs that Enhance FUJITSU "Fujitsu for Image Processing" Brand Image

Digital AV

No. 1 share worldwide

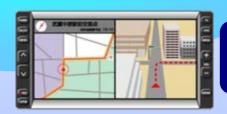
- ASSPs used in single lens reflex cameras
- ASSPs used in camcorders (H.264 codec)



Mobile

No. 1 share in Japan

■(OFDM) ASSPs for digital terrestrial broadcasting and 1seg / 3seg



Automotive

Over 12 million ASSPs for on-board terminals and car navigation systems shipped worldwide

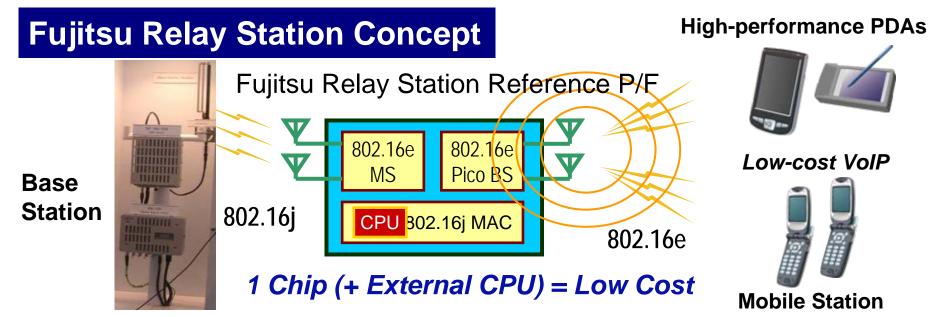
OFDM (Orthogonal Frequency Division Multiplexing)

Early Participation in Standards Efforts Benefits Solutions Business



Case Study 1) Wireless: Development of Global WiMAX Business

- Early promoter of WiMAX Forum and IEEE 802.16 Consortium
- Developing solutions based on RF technology (including MIMO)
- Building consistent support capability via partnerships to reduce development time and costs and improve time-to-market for WiMAX products of terminal vendors and carriers



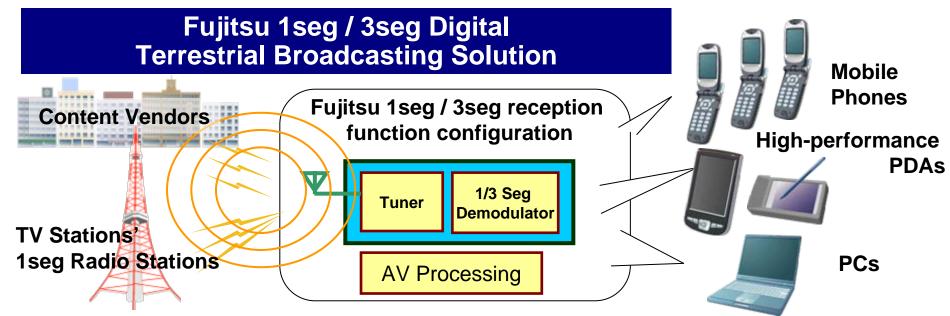
WiMAX (Worldwide Interoperability for Microwave Access), MIMO (Multiple-Input Multiple-Output), RF (Radio Frequency), PDA (Personal Digital Assistant), VoIP (Voice over Internet Protocol)

Early Participation in Standards Efforts Benefits Solutions Business



Case Study2) Developing Terrestrial Digital Radio (3seg)

- Together with FM Tokyo, drove standards activities early on at Digital Radio New Business Forum and ARIB* to build new business model converging telecommunications and broadcasting
- Developing solutions based on extensive expertise in demodulation ICs / mobile technology
- Achieve early market entry through alliances with digital terrestrial broadcasting module makers, mobile phone handset makers and carriers



^{*}Association of Radio Industries and Businesses

Adding Engineers to Strengthen ASSP Capability



Established European GCC*

Approximately 20 engineers mobilized to enhance image processing technology (September 2006)

Shifting AEs from Japan to Asia to expand sales

Calgary, Canada

Munich Germany

Chengdu, China

Japan

Wi-LAN Inc.

Wi-LAN's design division acquired to ensure smooth development of Mobile WiMAX (May 2006)

West Star Chips Co., Ltd.

Approximately 50 LSI and system engineers brought onboard to enhance image processing technology (July 2006)

Application / system engineers mobilized as an advisory team

GCC (Graphics Competence Center), AE (Application Engineer)



- Developing Our ASSP Business
- Developing Our Standard Logic Business
- Developing Our COT / ASIC Business

Introducing Standard Products for the Global Market Microcontrollers



Worldwide Flash Microcontroller Development

Rewritable 100,000 times Guaranteed World's leading Stable supply **NOR-type** Flash MCU technology



Two manufacturing locations in Japan

Guaranteed 100,000x rewrite

capability

Reliability

Oppm defect rate*1

250 million Flash microcontroller units shipped

(Cumulative, as of January 2007)

4th Largest share WW (10%) for Flash microcontrollers in 2005*2

→ Targeting No. 2 share by 2010

Product / Business Development by Region

Automobiles: Standard products for on-board LAN

→ Europe, Japan, USA

Consumer/Industrial products:

8/16/32-bit standard products

→ Industrial: Europe Consumer: Japan, Asia



DAV: 32-bit custom products

→ Japan, Asia

^{*1)} Actual results of on-board Flash Microcontrollers in July *2) Fujitsu estimate

Introducing Standard Products for the Global Market Analog Devices



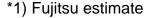
- Expansion of Business Geared Towards Asia
 - Pursuing higher volumes and expansion of Asia business by leveraging our accumulated system know-how and experience in Japan
 - DC/DC converters: No. 1 share in Japan and No. 7 WW in 2006*1

High-Efficiency DC/DC Converter IC for SoC and ASIC Applications



- ±0.5% output voltage precision;
 maximum conversion efficiency of 96%
- Utilized system know-how to reduced number of components

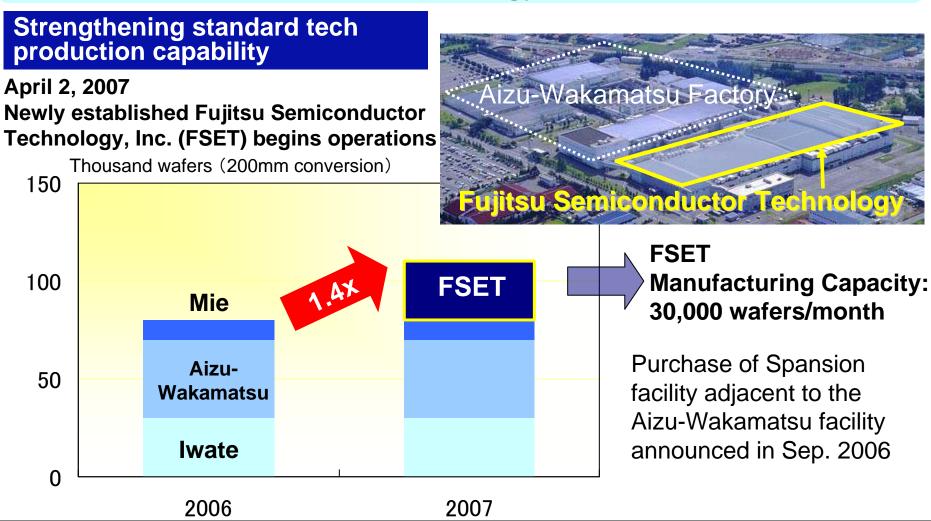
Smaller Size / Higher Performance / Lower Energy Consumption



Boosting Standard Tech. Logic Production



Pursuing volume to ensure sustained earnings from standard technology factories



Enhancing Assembly Operations



- Maintain Volume, Boost Efficiency and Cost-Competitiveness through Consolidation
 - March 30, 2007: Announced Gifu Plant production to be consolidated at Kyushu Plant

Fujitsu Miyagi
Electronics Ltd. Oct. 1, 2003

Fujitsu Tohoku
Electronics Ltd. Consolidation
of Japanese
Manufacturing
Locations into
a single entity

Fujitsu VLSI
Limited

Fujitsu Integrated Microtechnology Ltd. (FIM) Miyagi Plant Miyagi Plant Miyaqi Plant Transfer/integration of Aizu (Monden) Plant production to Miyagi **Aizu Plant** announced on **August 2, 2005 ALTEC ALTEC** (Aizu LSI Test Center) **Kyushu Plant Kyushu Plant Transfer of Gifu Gifu Plant** plant production to Kyushu announced on March 30, 2007

Further Localization in China

(Gifu Plant)

Low pin count devices to be shifted to Nantong Fujitsu (local production for local market)
*Nantong Fujitsu was introduced as a successful Japanese-Chinese corporation at a national conference in China *



- Developing Our ASSP Business
- Developing Our Standard Logic Business
- Developing Our COT / ASIC Business

Volume Production Starting at Mie Plant 300mm Fab No. 2



Scheduled to go on-line in April 2007; volume shipments begin in July 2007

View of the Mie Facility



300mm Fab No. 1

300mm Fab No. 2

200mm Fab

View of 300 mm Fab No. 2



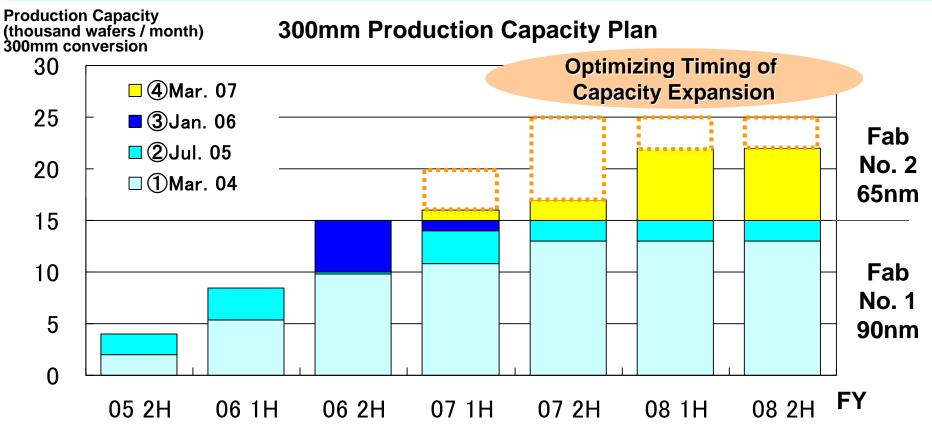
- ■Technology: 65nm/90nm CMOS Logic (as of 2007)
- Production Capacity: 25K wafers / month (maximum output)
- Building Construction: Hybrid seismic isolation structure (2-story clean room)

Revisions to Advanced Technology FUITSU **Production Capacity Expansion Plan**



- 90nm: Capacity expansion to 15K wafers/month completed on schedule in 2H FY06
- 65nm: Volume production starting as planned in April 2007; capacity expansion timing being adjusted for lower customer demand

→ ongoing review of capacity expansion based on demand



World-Class Advanced Logic Production Capacity

Leveraging "First-Shot Full Operation" to Open New Markets, Gain New Customers



 Achieved "First-Shot Full Operation" of 280 consecutive advanced ASIC designs

Example: camcorder LSI (over 10m gates)

"First-shot full operation" enabled development in 11 months

Specification
Design
Spec-level
Verification

Theoretical Design

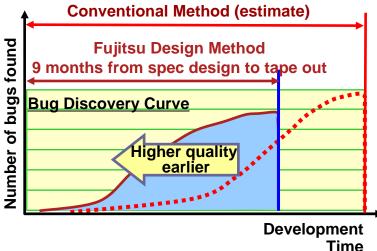
Theoretical Verification

Building Quality into Upstream Design Cedar® improves spec quality and optimizes verification items



Fail-Safe Verification

System-level theoretical verification before LSI delivery with Emulator and FAITH®



Finding spec errors as early as possible

"First-Shot Full Operation" for Customers' Systems

Cedar (C-based Effective Design-flow Apply to Real Design), FAITH (FPGA and ASIC Concurrent Implementation Methodology)

Aggressive Promotion of COT Business FL



 Not simply contract manufacturing; Fujitsu COT strength in value-added services (design, assembly, verification, etc.)

Over 30 partner companies globally

Main Customers: IDM, Fab Lite – Japan

Fabless – N. America, Asia

Value-Added Services Example



Established JV with Advantest (Nov. 2006): "e-Shuttle"

Provides prototyping service using EB direct lithography technology, which does not require expensive masks. → World's first for 65nm By enabling fast and economical IP verification for advanced technology, service meets needs of customers who want to accelerate time to market.

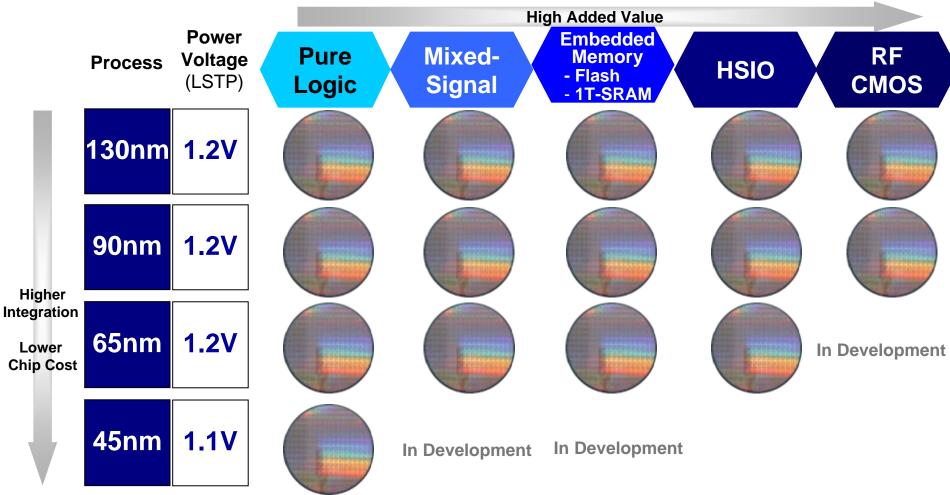




Developing Value-Added Technologies FUJITSU



Leadership in Advanced Technology Development and **Value Added Processes**



LSTP (Low Stand-by Power), HSIO (High Speed Input Output)

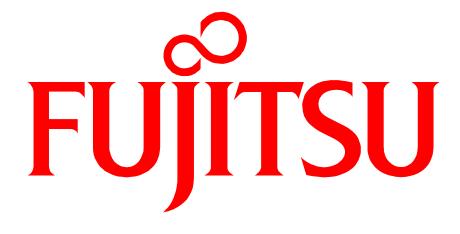
Direction Going Forward



Deepen Implementation of New IDM Business Model

Create ASSPs that Become New Global Standards

Expand Business Areas that CanQuickly Become Cash Cows



THE POSSIBILITIES ARE INFINITE

Cautionary Statement

These presentation materials and other information on our meeting 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:

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- •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
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