

# **Strategies for Growth: 2008**

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**TOSHIBA CORPORATION** 

### Forward-looking statements

- This presentation contains forward-looking statements concerning Toshiba's future plans, strategies and performance.
- These forward-looking statements are not historical facts, rather they represent assumptions and beliefs based on economic, financial and competitive data currently available.
- Furthermore, they are subject to a number of risks and uncertainties that, without limitation, relate to economic conditions, worldwide megacompetition in the electronics business, customer demand, foreign currency exchange rates, tax rules, regulations and other factors.
   Toshiba therefore, wishes to caution that actual results may differ materially from our expectations.

### Fiscal Year 2007 Business Results

### **Business Strategies toward FY2010**

Basic Management Policy, FY2010 Vision Roadmap for FY2010, Individual strategies for the roadmap

### **Outline of Mid-term Plan**

Sales & Operating Income, Capex, R&D

### **Strategies for Key Businesses**

Digital Products, Electronic Devices, Social Infrastructure, Home Appliances



### **FY2007 Results**

Sales reached record high (continuous sales growth since FY04).

Operating income down on HD DVD withdrawal and lower NAND prices.

(Reflects non-operating loss of 48.4 billion for HD DVD. Income before taxes and net income both lower.)

(¥ billions)

	FY2007 (Result)	Comparison with FY2006	
Net Sales	7,668.1	+551.7 8% increase	
Operating Income	238.1 (3.1%)	- 20.3	
Income before income taxes and minority interest	255.6 (3.3%)	-42.9	
Net Income	127.4 (1.7%)	-10.0	

Regain growth path with a strong determination to overcome challenges

### **Achievements in FY2007**

#### **Expansion of overseas business**

Overseas sales: FY2006 ¥3.5 trillion → FY2007 ¥4.0 trillion

(share of total sales) (49%) (52%)

Overseas business CAGR (vs. FY2006): +13%

PC, Social Infrastructure saw gains in sales, operating income

FY2007 Operating income (vs. FY2006)

- PC: ¥41.2b (+34.3b)
- Social Infrastructure: +¥131.3b (+34.5b)

Increased sales of environmentally conscious products

FY2006: 27% → FY2007: 31%

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### **Numerical targets for FY2010**

#### Achieve sales of 10 trillion yen and operating income ratio of 5%



### **Basic Management Policy**

### Realize sustained growth with high profit

Shift management direction further toward growth and accelerate proactive management through strategic allocation of resources

### Maximize multiplier effect of innovations

Enhance global competitiveness through Process Innovations and Value Innovations

### **Execute management with Corporate Social Responsibility**

Prioritize human life and safety, and legal compliance in all business activities, and act as a "corporate citizen of planet Earth" in responding to social and environmental concerns.

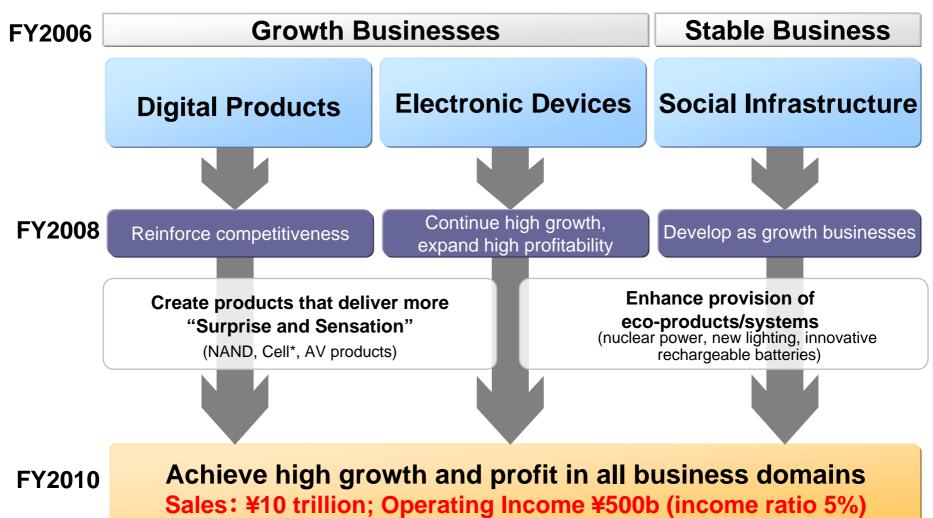
### **Develop People with a Global Perspective**

Accelerate a global presence by developing well-rounded people with a global perspective, able to drive innovation and to embrace diversity and different cultures.



### Vision of FY2010

- Achieve Sustained Growth with High Profit in All Business Domains -





### Roadmap to FY2010

**FY2010 FY2008 FY2007 FY2009** Promote intra-company and i cube projects\*, **Cross-company** Create new value projects (deliver exciting, innovative products, provide **Eco-products**) Win against global Promote reinforcement of each business Thorough review of competition current businesses based on thorough business review in each Reinforce structure of global businesses **business** Continue to channel strategic resources to NAND, nuclear power Create a corporate culture that generates continuous innovation



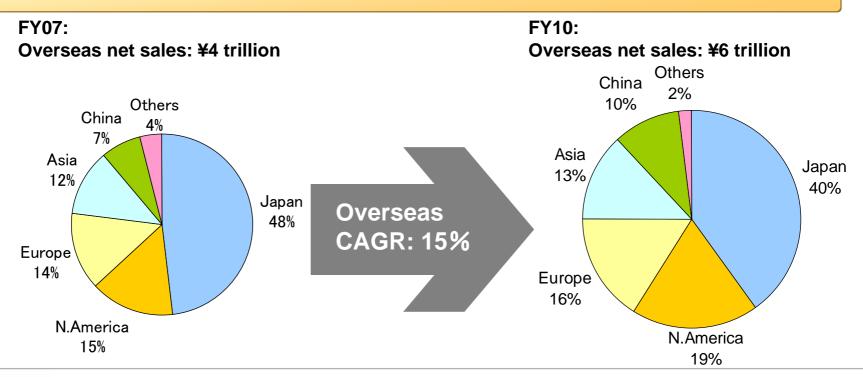
### **Reinforce Global Business Organization**

Realize sustained growth with high profit through global business expansion

Share of net sales from overseas business: FY07:52% → FY10: 60%

Share of operating income from overseas business: FY07: 37% → FY10: 50%

#### Expand business, mainly in North America, Europe and Asia



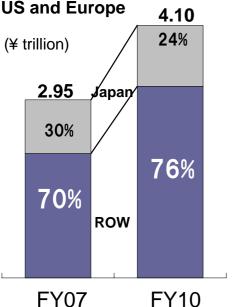
### **Reinforce Global Business Organization**

### Expand global business in all key business domains

#### **Digital Products**

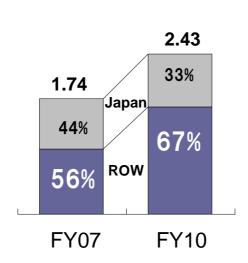
Expand PC business in global markets

Expand Television business in US and Europe



#### **Electronic Devices**

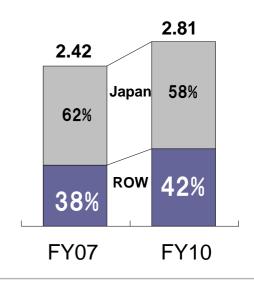
Expand business in China and other Asian countries, mainly in semiconductors and automotive displays



#### **Social Infrastructure**

Accelerate global businesses in Power and Medical Systems

Enhance global business for Transmission & Distribution business



### **Reinforce Global Business Organization**

Reinforce human resources

Increase staff handling global business: FY2010: +16,000 (vs. FY2007)

Develop people with a global perspective More than 2,000 people in Japan including new hires (FY2008-FY2010 cumulative)

Reinforce
Marketing & Sales

Expand and reinforce marketing capabilities, especially in India, Eastern Europe and Brazil

Increase brand and product advertising

Invest 30 billion yen to expand marketing and sales in newly emerging markets. (excluding personnel costs, 2008-2010 cumulative)

Reinforce cost competitiveness

**Expand manufacturing,** especially in India, Southeast Asia and China

### **Create Value — Surprise and Sensation**

#### SSD\*1 with multi-level NAND



(sales to start in June 2008)



Use multi-level cell technology to supply high performance, cost competitive products

### TV integrating Cell\*3



(sales to start in autumn 2009)





New way of enjoying TV with super-resolution function and simultaneous multi-recording, playback function

# AV notebook PC with SpursEngine™ SE1000\*2

With SpursEngine™ SE1000



AV notebook PC with SpursEngine<sup>TM</sup> media processor upscales standard picture quality to high-quality picture content

#### Aquilion ONE™

320 dynamic volume CT\*4 scanner



- New-generation CT scanner is most patient-friendly ever
- Single rotation scan of whole organ greatly reduces burdens on patients
- Cuts exposure to radiation to ¼.
- \*Aquilion ONE is a trademark of Toshiba Medical Systems Corporation



### **Create Value** — Provide Environmentally Conscious Products

# Environmental Vision 2050 Three approaches to promoting environmental management





**Nuclear Power** 



### Eco-process Approach



Highly efficient clean room



Resource saving, mercury-free, low power consumption PC

### Eco-products Approach

Deliver environmentally conscious products





Highly efficiency LED downlight, "E-CORE"

### **Eco-products**

#### Digital Products, Electronic Devices & Components, Home Appliances

#### Fuel cells



Fuel cells for mobile phones (prototype)

- Realizes use in small mobile devices; no need for battery or external power supply
- ·Biomethanol fuel will assure effective resource utilization

### Self-ballasted fluorescent lamps





Winner of "Chairman's Award", 18th Energy Conservation Awards



Microinverter

1/5 power consumption,6 times longer life(vs. filament lamp)

### **OLED Displays**

(sale to start in 08)

Two- to three-inch class WQVGA\*1 for cell phones





 Thin display offering high-speed refresh, wide viewing angle and high-contrast; energy-saving (1/3 power consumption of LCD)

\*1 WQVGA: Wide Quarter Video Graphics Array (400x240 pixel)

### Washer-dryers

(on sale)



 "Super-Direct Drive" \*2 heat pump hybrid engine Energy-saving, speed, low-noise: No.1



### **Eco-products**

#### Social Infrastructure Systems

#### Advanced transformer

(on sale)



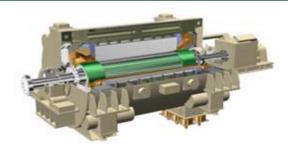
 Energy-saving transformer for business (factories, buildings) cuts energy consumption by about 40%

#### Innovative rechargeable battery (SCiB™)



- Excellent safety—no risk of thermal runaway
- Long-life cycle: recharges over 5,000 times.
- Recharges in only 5 minutes

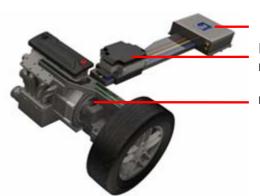
#### **Environmentally friendly turbo-generator**



(on sale)

Small and light, high-efficiency, reduced-emission-type turbo-generator (reduce environmental loads, including CO<sub>2</sub>)

### **HEV Drive Systems**

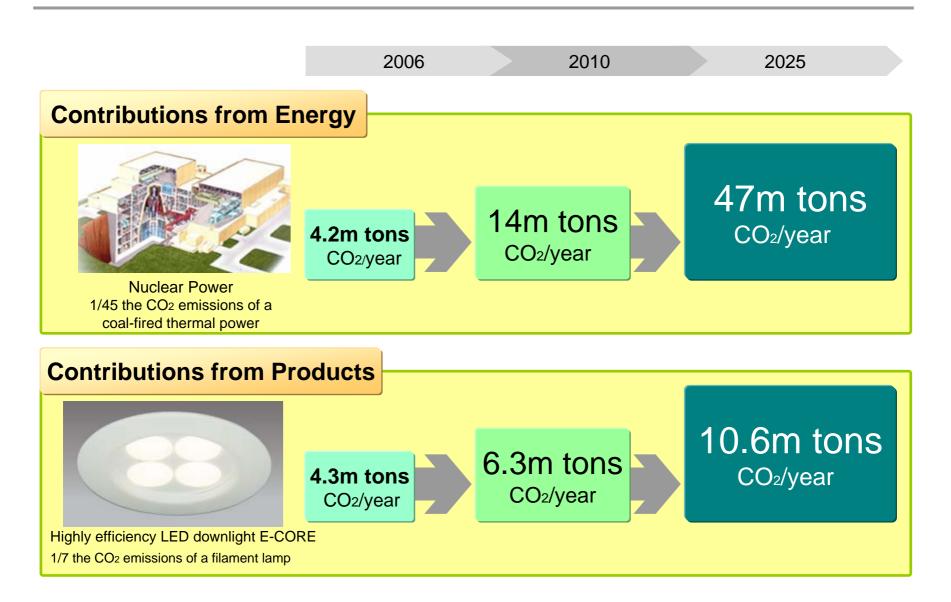


In-car SCiB™ (under development)
Inverter (on sale), IGBT module (under development)

motor/generator (on sale)

- Deliver 3 key parts (motor, inverter, battery) of HEV drive systems
- ·Highly efficient component technology realizes fuel-efficient drives

### Ease Environmental Impacts with Energy and Eco-products



#### Fiscal Year 2007 Business Results

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### **Strategies for Key Businesses**

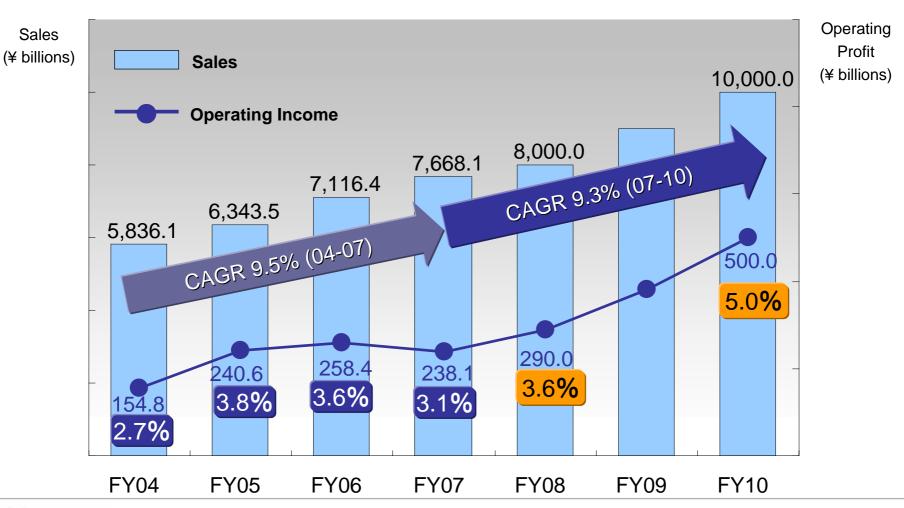
Digital Products, Electronic Devices, Social Infrastructure, Home Appliances



### **Projected Sales and Operating Profit**

### FY2010: Sales 10 trillion yen; Operating Profit 500 (¥ billions)

Accelerate proactive management by further shift to growth areas and strategic allocation of resources



### **Goals by Business Segment**

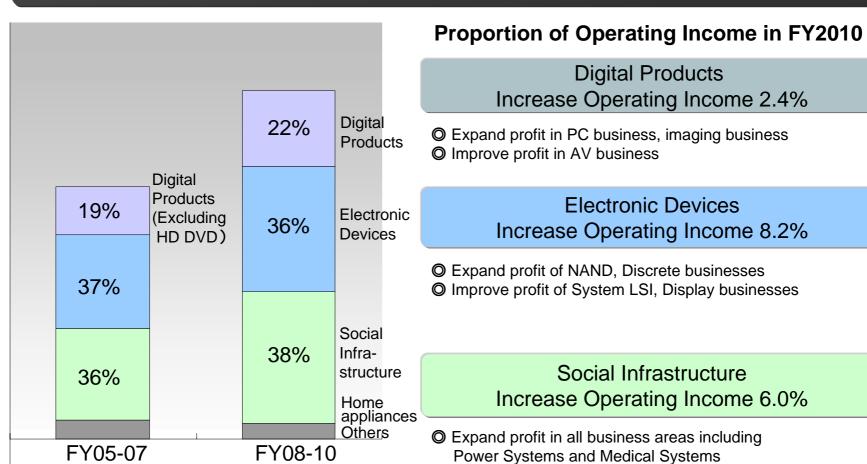
# Digital Products and Electronic Devices: Continue High Growth Social Infrastructure: Transition to Higher Growth

		FY2007 Result	FY2010 Plan	CAGR FY07-10
Digital	Net sales	2,951.2	4,100.0	12%
Products	Operating income ratio	0.5%	2.4%	12 /0
Electronic	Net sales	1,738.5	2,430.0	400/
Devices	Operating income ratio	4.3%	8.2%	12%
Social	Net sales	2,419.0	2,810.0	5%
Infrastructure	Operating income ratio	5.4%	6.0%	FY06-FY10: 8%
Home	Net sales	774.3	940.0	7%
Appliances	Operating income ratio	0.5%	2.1%	7 70

(¥ billions)

### Operating Income, by Key Domain

# Expand stable profit of Social Infrastructure Secure Digital Products as the third pillar of profit



<sup>\*</sup> Calculated excluding HD DVD business



### **Capex Plan**

X Excludes investment, such as acquisition of WEC

### Increase capex by ¥500 billion in the next three years Boost investment in Electronic Devices, Social Infrastructure

2,200.0

(¥ billions)

Around
¥500b

Around
Flash
© Invest over 1 trillion yen in Semiconductor business
© Include plan for Fab 5 & Fab 6 for NAND Flash
© Invest in mass production of fuel cells

Electronic
Devices

Digital Products
© Enhance manufacturing capacity for HDD business

Digital Products

Social

Home

Others

Infrastructure

appliances O

14%

FY08-10

Social Infrastructure

Expand investment in Nuclear business

manufacturing base of T&D business

rechargeable battery

In thermal power business, enhance overseas

Reinforce production facilities for innovative



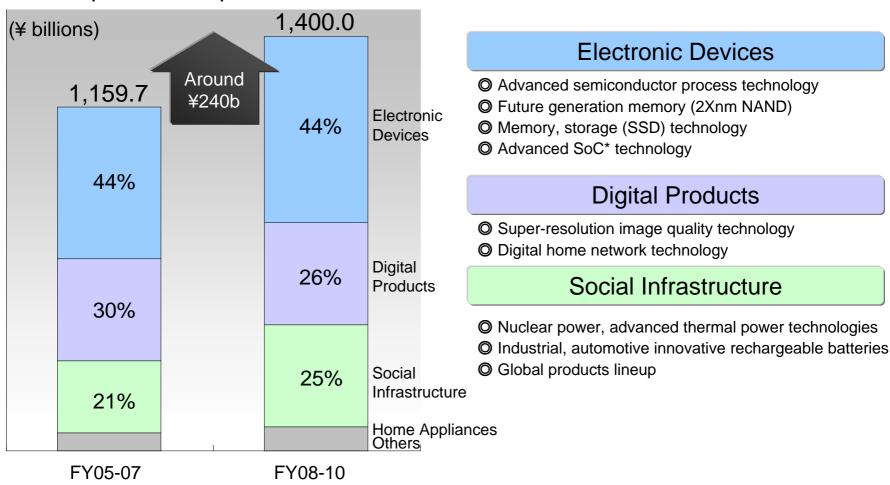
12%

FY05-07

### Research & Development Plan

### Raise R&D spending by ¥240b in three years from FY08

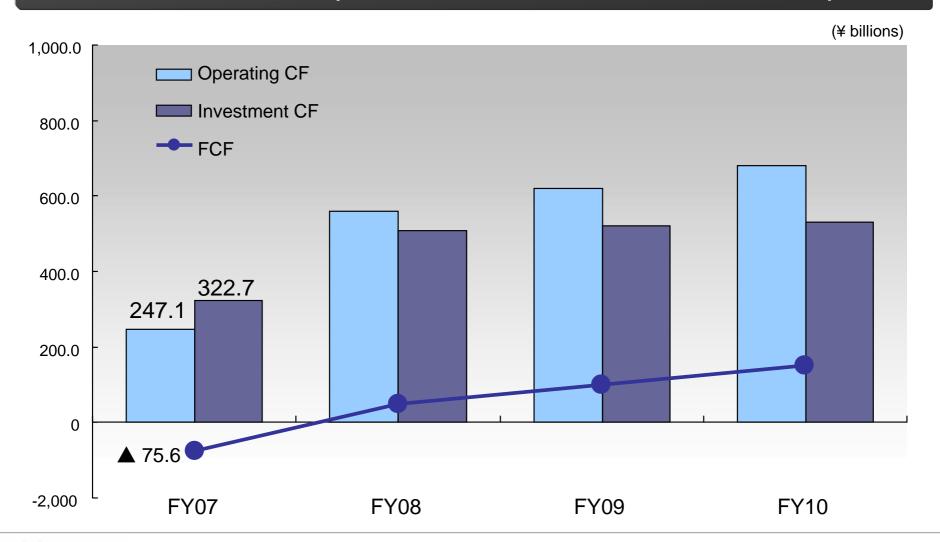
R&D expenditure equivalent to 5.2% of net sales over FY08-10





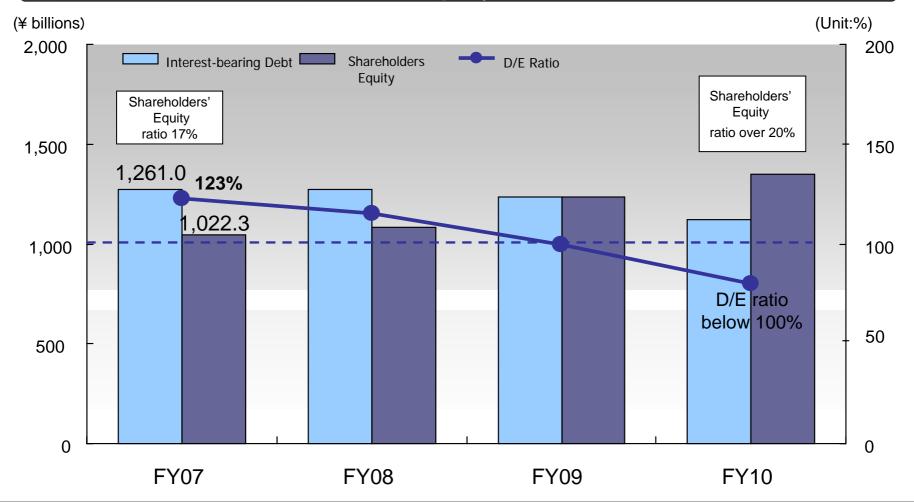
### Financial Strength – Cash Flows

### FY08-10: Cumulative positive free cash flow of ¥300b expected



### Financial Strength – Shareholders' Equity and Interest-bearing Debt

# End of FY10: D/E ratio below 100% Shareholders' Equity ratio over 20%



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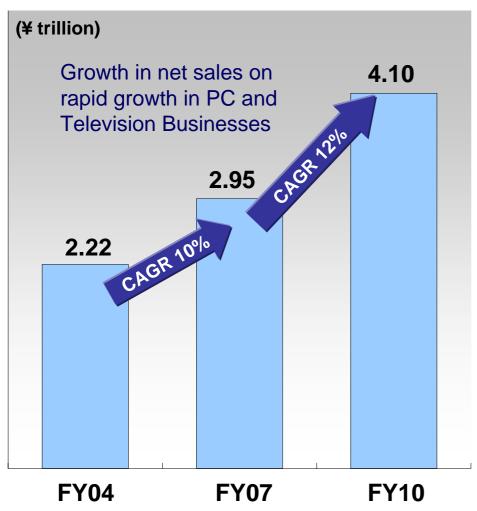
## Strategies for Key Businesses

Digital Products, Electronic Devices, Social Infrastructure, Home Appliances



### **Digital Products Business Group**

### **Sales Growth**



CAGR (FY07-10): 12% FY2010 Operating Income : 2.4%

#### **Extend PC know-how to CE field**

PC Business FY2007: 1.04 trillion yen → FY2010: 1.70 trillion CAGR: 18%

 Further expand global business (esp. BRICs); promote high-quality technology and environmentally conscious products

TV Business FY2007: 0.48 trillion yen → FY2010: 0.75 trillion CAGR: 16%

Further expand global business through high image quality and strengthening cost competitiveness

#### **HDD Business**

Promote high speed, high-capacity products; introduce leading-edge small form factor HDD

#### **Mobile Business**

O Introduce products fusing mobile devices and PCs

Digital Multi-function Peripherals and Retail Information Systems Business

© Expand global business and maintain top share in domestic POS business



### **Product Strategy for Digital Products**

#### **Market Environment**

Rapid penetration of AV network, IPTV, internet movies

Enormous digital content resources in SD video

#### NAND:

High-capacity, low-cost flash memories

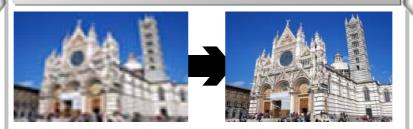
High-capacity and high-speed HDD

#### **Product Strategy**

#### **High Image Quality**

Can easily create HD video from SD video digital content on the device side

Super-resolution TV, PC, DVD player



#### **Toshiba's Strengths**

Semiconductor technology (System LSI)

Image processing technology (Super-resolution function)

#### **Mobility**

Can easily access digital content through network connectivity, any time, anywhere Mobile device and PC fusion products Products integrating industry-leading storage (Mobile PC, Mobile information products)







Storage technology (NAND, SSD, Small form factor HDD)

Components
technology
(Direct methanol
fuel cell, multi-antenna
technology)
Packaging
technology

### **PC Business**

#### **Basic Strategy**

Expand global business

Increase market share by expanding product line-up in U.S. and Europe Enlarge net sales by expanding sales channels in BRICs

High quality technology

Spill-resistant, shock-resistant designs; adopt highly accelerated life testing (HALT) by subjecting products to cycles of environmental and stress variables; incorporate easy-to-clean thermal fin assembly; PC health monitoring function

Environmentally Conscious technology

Introduce mercury-free LED backlights; extend product recycling and make more efficient use of resources

#### **Differentiated Products**

AV notebook PCs

Super resolution function based on SpursEngine™ SE1000

Mobile PC

Enhance energy efficiency by integration of SSD, cut weight, improve robustness, boost charge times with Direct Methanol Fuel Cell



Mobile notebook PC





### **Television and AV Business**

#### **Basic Strategy**

Strengthen Cost Competitiveness

Form strategic alliances and expand market by cost reductions and strengthening supply chain

Expand Global Business

Expand globally by introducing products that meet the needs of each region

#### **Differentiated Products**

TV & DVD player with super-resolution function

Real-time creation of HD from SD

TV incorporating HDD, HDD Recorder

Integrate high capacity, high speed, high quality HDD

TV integrating Cell

Offers new dimensions in visual entertainment (Opera glasses function, simultaneous multi-recording, playback, automatic scene detection functions)









### **HDD Business**

#### **Basic Strategy**

Concentrate on small form factor HDD Expand market for 2.5-inch and 1.8-inch drives as industry leader in small form factor HDD

Expand CE business range

Expand the market size: Further cultivate such fields such as camcorders, car navigation, game consoles and external HDD.

#### **Differentiated Products**

High Speed, High Capacity

Lead the industry in introducing terabyte products

Leading-edge technology

Discrete Track Recording (DTR) technology (for higher storage density)



### **Mobile Business**

#### **Basic Strategy**

Short business cycle

Strengthen SCM, shorten R&D period

Expand global business

Introduce fusion products



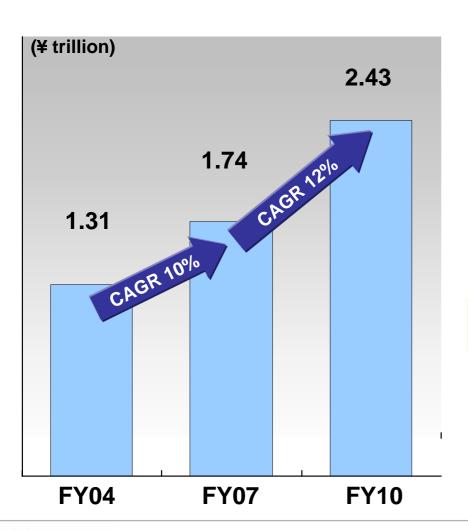
#### **Differentiated Products**

Create new markets in mobile devices and PCs

Introduce mobile information devices compatible with high-speed wireless infrastructure.

### **Electronic Devices Business Group**

#### **Sales Growth**



FY07-10 CAGR: 12% FY2010 Operating Income: 8.2%

Semiconductor Business FY2007: 1.39 trillion yen → FY2010: 2.0 trillion yen

**CAGR 13%** 

- Memory Business: Regain high profitability
- O System LSI: Accelerate strategic resource allocation
- O Discrete Business: Maintain world's No.1 share

Display Business

FY2007: 0.29 trillion yen → FY2010: 0.36 trillion yen

CAGR 7%

- © Enhance automotive display business
- © Expand OLED products

### **Strategy for Semiconductor Business**

# Realize stable growth while maintaining IDM\* advantage Maintain position as World's No.3

O Sales in FY2010: 2 trillion yen (FY07-10 CAGR:13%)

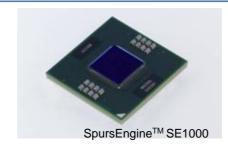
#### Memory



## Regain high profitability

- Maintain advantage in advanced process and multi-level cell technology
- Accelerate development of next generation memories
- © Enhance cost competitiveness
- © Enhance manufacturing capacity (Fab 5 and Fab 6)

### System LSI



## Accelerate strategic resource allocation

- Optimize product portfolio
- Maintain technology advantage, improve development efficiency
- Enhance partnerships with strategic customers
- Enhance manufacturing capacity by adding Nagasaki Semiconductor Manufacturing

#### **Discrete**

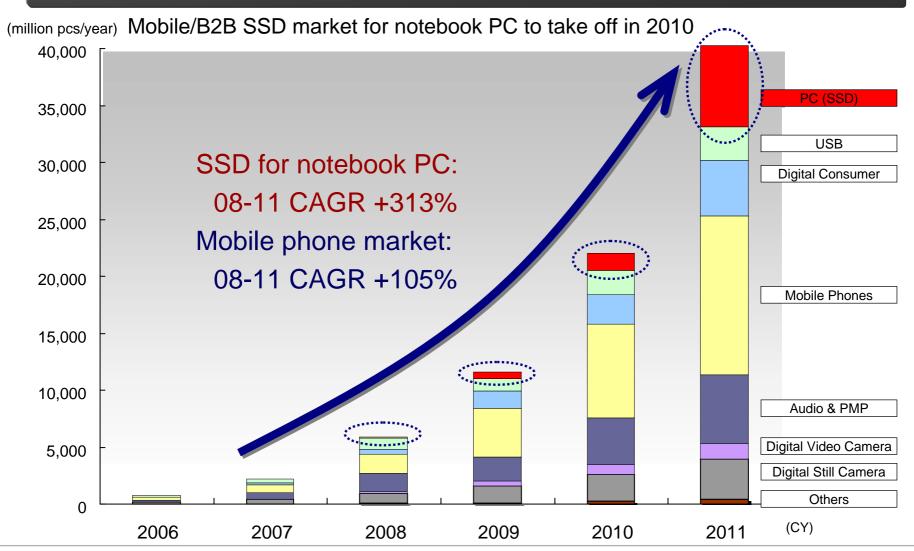


## Maintain World's No.1 Share

- © Enhance business scale, mainly with power devices
- Ensure technology advantage, improve development efficiency
- © Enhance production capacity at Kaga Toshiba Electronics

### NAND Market, by Application (Bit basis,1GB equivalent)

### 06-10: CAGR +133% Aim growth exceeding market growth



### **Enhance Cost Competitiveness in NAND Flash**

# Restructure for high profit and to enhance cost competitiveness by thorough cost reductions

Make full use of advantages over competitors in advanced process technology to accelerate next generation memory development

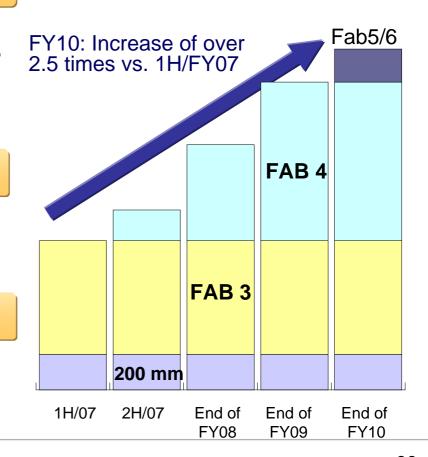
- $\bigcirc$  56nm  $\rightarrow$  43nm  $\rightarrow$  3Xnm  $\rightarrow$  2Xnm
- O Accelerate 43nm; End of 1H/08: 50%; End of FY08: over 90%
- O Assure early realization of next generation memory technology

#### Realize and accelerate 3bit/cell

- O 3bit/cell: Start mass production in March 2008
- Market creation: Start with mass production for card use
- O Continue to study 4bit/cell

#### Increase throughput of 300mm CR

- O Fab 3: 150,000 wafers a month
- © Fab 4: Full capacity in FY09—210,000 wafers a month



### SSD: Superior capabilities and Business Strategy

# Use multi-level cell technology to supply high performance, cost competitive products

- Promote initial use at low capacities HDD cannot support (32GB-512GB)
- © First focus on notebook PC market (server market is a future target)
- O Utilize know-how of in-house companies (PC, digital media products)

#### Superiority of SSD (vs. HDD)

Weight: 1/3; impact resistance: 3 times better

Power consumption: active mode: 1/3; idle mode: 1/6

#### Apply multi-level cell NAND technology

Realize 128GB SSD at size of 1.8-inch HDD

#### Apply original controller technology

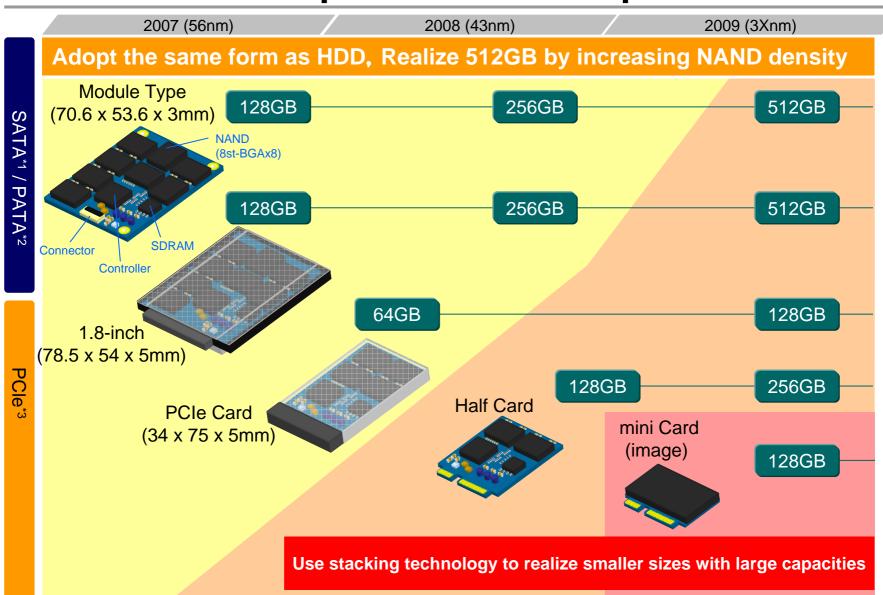
High speed R/W, parallel data transfer, wear leveling (extend rewrite limits)

# High Performance (vs. HDD 32, 64, 128GB (1.8 & 2.5 form factor, module))

Writing Speed: Max 40MB/sec 1-2 times Reading Speed: Max 100MB/sec 2.5-5 times



### **SSD Products Expansion Roadmap**





\*1 SATA: Serial Advanced Technology Attachment

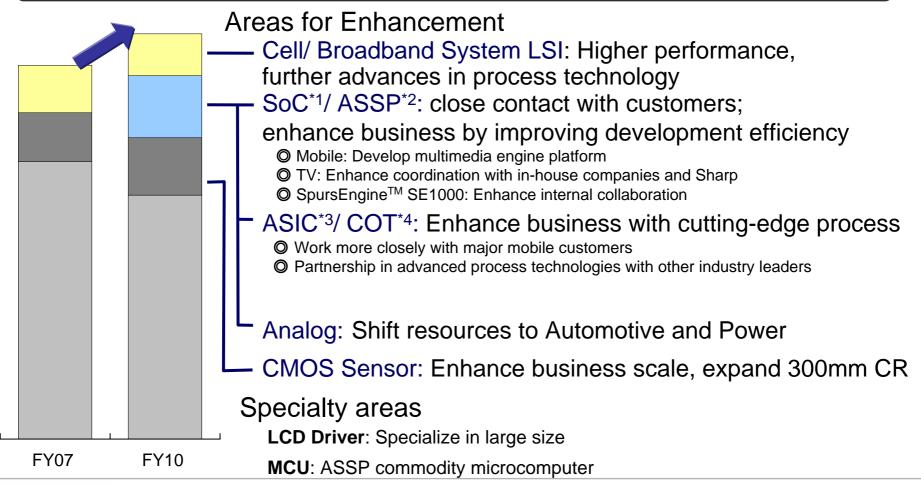
\*2 PATA: Parallel Advanced Technology Attachment

### System LSI Business Strategy

Accelerate strategic resources allocation and expand business as Japan's largest leading-edge System LSI manufacturer

Oita Operations 300mm CR: 25000 wafers a month

Nagasaki Semiconductor Manufacturing 300mm CR: 10,000 wafers a month



TOSHIBA
Leading Innovation >>>

\*1 SoC: System On a Chip

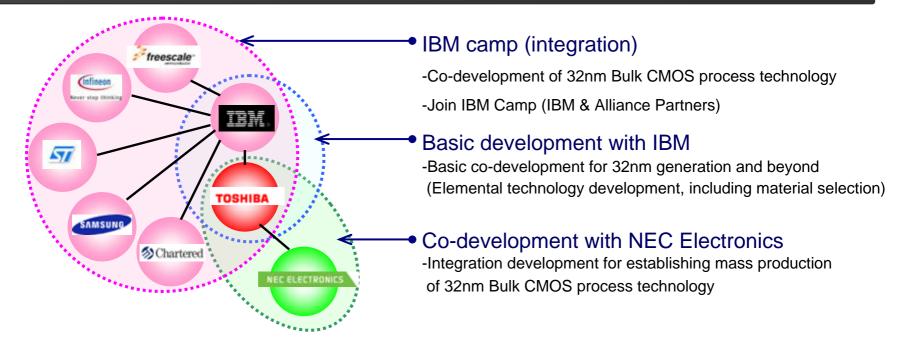
\*3 ASIC: Application Specific Integrated Circuit

\*2 ASSP: Application Specific Standard Product

\*4 COT: Customer Owned Tooling

### System LSI Development Strategy

Leading Edge Process: Accelerate development by co-development with strategic partners



Broadband System/ Leading Edge SoC: Improve development efficiency by resource integration

Analog: Integrate resources and focus on automotive & power devices

Mobile SoC/ TV SoC: Promote deployment of development platform

### **Discrete Business Strategy**

# Maintain and further enhance World's No.1 share Aiming for over 10% share in FY2010

Promote marketing for power and opto devices

Maintain stable business for general logic, small signal devices





#### Pursue measures to realize share of over 10% in FY2010

- O Power Devices: Concentrate on LCD-TV, mobile phone, notebook PC, automotive
- Opto Devices: Concentrate on Photo-couplers, LED

#### Win technology superiority, improve development efficiency

© Enhance competitiveness with advanced process technology and by driving chip shrink

#### Optimize investment in enhanced manufacturing capacity

- © Front-end: Increase manufacturing capacity, accelerate shift to larger wafers 200mm wafer capacity 1H of 08: 10,000 wafers a month → FY10: 60,000 wafers a month
- O Back-end: Accelerate overseas production, mainly at Toshiba Semiconductor Thailand

### **Medium and Small Display Business**

Enhance business by adding high value-added technology and OLED technology to Toshiba's advantages in polysilicon LCD technology

#### High-Value Added Technology

- O Circuit integration technology... Increase vibration resistance, contribute to slimmer products
- O Function embedded technology... touch panel, opto pen input, image scan
- © Form-free display module technology... Develop round type, curved line modules



#### FY2010 sales target: ¥360 billion (FY07-FY10 CAGR: 7%)

#### Mobile displays

TFT Thin-film Display for mobile phones
TFT LCD for mobile music player

Automotive displays

TET LCD for automotives

#### PC & AV displays

TFT LCD for notebook PC
TFT LCD for industrial use

TFT: Thin Film Transistor



# OLED technology

- O Displays that are thin, high speed, with wide viewing angle, high contrast and low power consumption
- O Commercialize small displays for mobile equipment in FY08
- O Further expansion for notebook PC, automobile displays

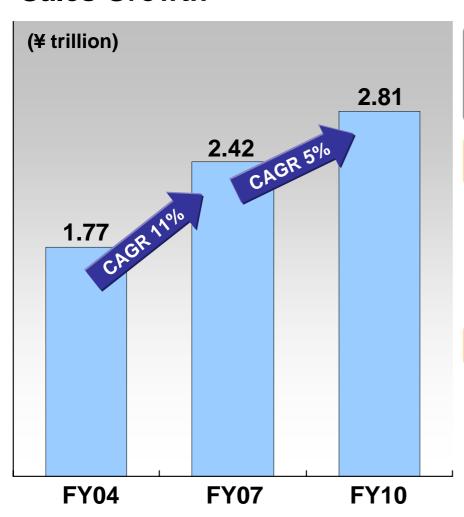
WQVGA Class OLED 2-3 sizes for mobile phone





### **Social Infrastructure Business**

#### **Sales Growth**



CAGR (FY2007-FY2010): 5% FY2010 Operating Income: 6.0%

#### Business expansion overseas

- © Expand new plant business for nuclear power
- O Accelerate globalization of Thermal, Hydroelectric power and Medical Systems businesses.
- O Strengthen globalization of the Transmission and Distribution systems business.

#### Accelerate launch of new businesses

- O Innovative rechargeable battery business
- O Motors for hybrid electric vehicles
- Security business
- © Environmental business



### Nuclear Energy Business (after W/H acquisition)

### Market: Prepare for actual role-out of new plant projects

- USA: 15 electric utility groups preparing COL\*1 applications for 31 units

  AP1000\*2: COL applications for 5 sites/10 units; applications for 4 sites/6 units being planned.

  ABWR\*3: COL applications for 1 site/2 units.
- © China: 11th 5-year plan (2006) accelerates new plant construction plans.
- UK: Government policy changed to pro-nuclear. \*1 COL: Combined Construction and Operation License \*2 AP1000: Next-generation pressurized water reactor \*3 ABWR: Advanced Boiling Water Reactor

### Sales increase with early start of some projects

#### **AP1000 Business**

#### Orders received for 10 units in China and USA

2007: China (4 units)

2008: EPC\*4 contract for Southern Co. (2 units) LLM\*5 for USA SCANA Corp. (2 units) LLM for Progress Energy (2 units)

Marketing activities in South Africa and UK

#### **ABWR Business**

- Join South Texas Project (STP), USA
  - →Toshiba named prime contractor in Mar. 2008 for EPC of 2 units.
- Reinforce foundations for further promotion
- Established Nuclear Innovation North America LLC with NRG, to promote ABWR
- Established Toshiba America Nuclear Energy Corporation

Expect orders for 33 Units by 2015: Debt repayment shortened to 13 years (from 17 years on W/H acquisition)

### **Nuclear Energy Business: Expansion Measures (1)**

### Reinforce engineering functions

### **Expand Isogo Nuclear Engineering Center**

- Establish global engineering network
- Increase engineers (1.4 times vs. FY2007)

### Reinforce engineering through M&A

ISTN (South African engineering firm)
Astare (French engineering firm)



Isogo Nuclear Engineering Center (new building to be completed at end of 2008)

Enhance manufacturing and construction capacity of nuclear power plant equipment and plants

### **Invest in Keihin Operations**

(Reinforcement by alliance also under study)

#### **Enhance construction/maintenance services**

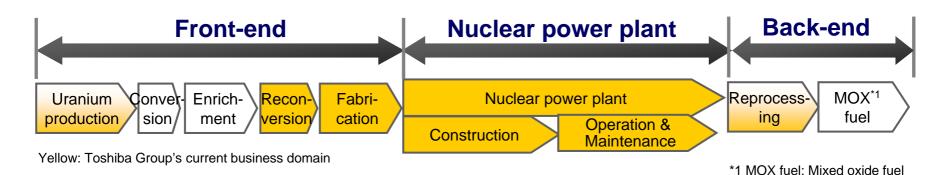
Acquisition of Carolina Energy Holdings, Inc. (US welding company)



Keihin Operations

### **Nuclear Energy Business: Expansion Measures (2)**

Fuel business: Expand front-end and back-end businesses



#### Front-end

### Accelerate expansion into uranium production and enrichment

- Secure uranium interests
- Cooperate with suppliers, such as mine development companies and uranium enrichment companies, to form close business relations
- Establish a business model supporting total package proposal capability, including plant construction and fuel supply guarantee

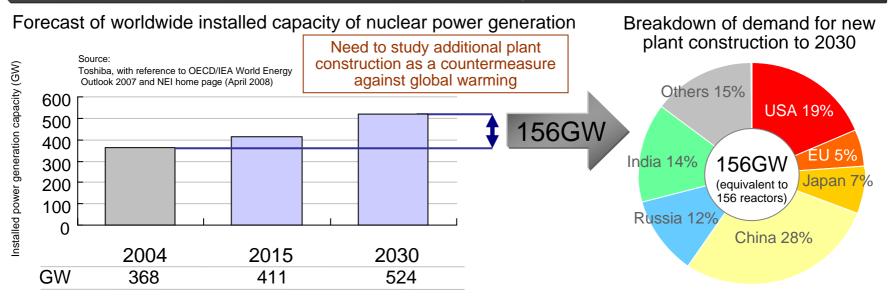
#### Back-end

## Develop advanced reprocessing technology and establish fast reactor cycle

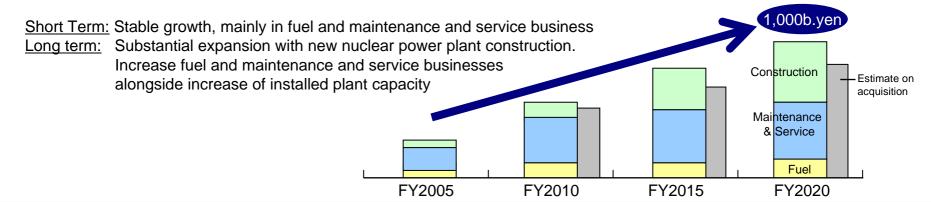
- Secure more orders for Japan's reprocessing plants
- Develop dry reprocessing technology, which is more resistant to nuclear proliferation
- Take the lead in Global Nuclear Energy Partnership (GNEP) by reinforcing collaboration between Toshiba and Westinghouse
- Launch reprocessing business in overseas markets

### Nuclear Energy Business – Long Term Perspective

### Further demand expansion



### 1,000 billion yen business scale in FY2020

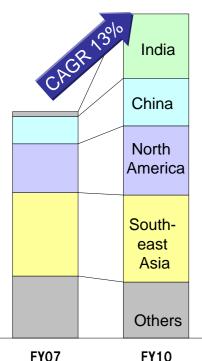




### **Thermal and Hydro Power Systems Business**

### Accelerate globalization, primarily in India, China, N. America

#### Overseas sales by region





Steam Turbine: No.1 share in the US for the fifth consecutive year

Recent achievements in enhancing overseas bases (2007-8)



- New manufacturing bases
- Additional investment to increase production at existing bases
- New service bases, through M&A

#### Promote service business

 Establish business bases through M&A (North America, Middle East, China, etc.)

# Enhance manufacturing capacity

- New manufacturing and marketing base for STG\*1 (Expect to start marketing activities in India in June 2008)
- Strengthen manufacturing facilities of hydro power plant equipment in China

# Promote development of environmental technologies

- O Higher performance, higher efficiency
- O Carbon capture and storage system
- O Hydro and geothermal power plants

<sup>\*2</sup> DCS: Distributed Control System

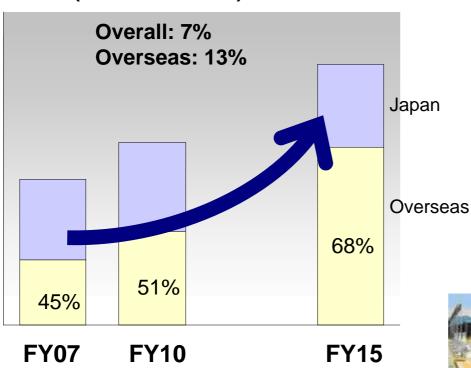


<sup>\*1</sup> STG: Steam Turbine and Generator

### **Transmission and Distribution Systems Business**

Expand business in global market with reorganized and strengthened Transmission and Distribution Systems business

# Sales Growth CAGR (FY2007-FY2015)



#### Expand business scope

- Accelerate development of products for overseas markets by mobilizing resources
- © Expand product portfolio through business alliances

#### **Expand business regions**

- © Expand manufacturing sites in growing markets, such as India, Brazil and China
- © Enhance sales offices in the Middle East



Gas Insulated Switchgear (GIS)



3-phase Transformer; disassembled delivery type



Vacuum Circuit Breaker



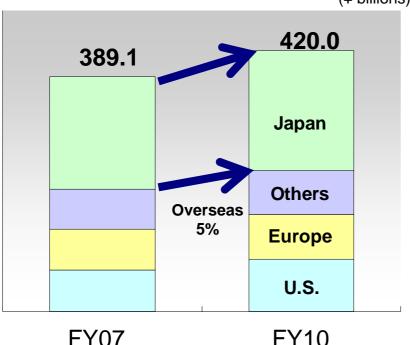
Solid Insulated Switchgear



### **Medical Systems Business**

Net Sales CAGR (FY07-10): 3%





**FY10** 

- **Differentiation Technology** Strengthen contacts with medical institutions worldwide to promote application development
- **Strengthen Product Line-up** → Expand R&D investment approx.1.5 times (FY2007→FY2010) Enhance capital expenditure on R&D center

**New R&D facility** and Service facility (scheduled for completion in FY2008)





- © Expand business with high value-added products, such as CT and diagnostic ultrasound system for U.S. and European markets
- O Strengthen sales systems and enlarge business











Diagnostic Ultrasound System

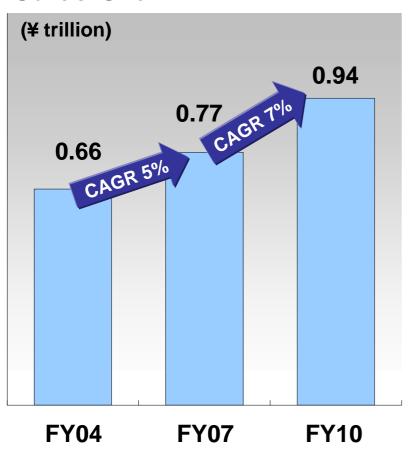


<sup>\*1</sup>CT: Computed Tomography system

<sup>\*2</sup> MRI: Magnetic Resonance Imaging system

### **Home Appliance Business**

#### **Sales Growth**



FY07-10 CAGR: 7%

FY2010 Operating Income: 2.1%

#### **Create engines for growth**

- O Further promote and expand new concept "eco style"
- O Strengthen new lighting business
- Enhance collaboration of sales and after-sale service by organizational changes

#### **Enhance overseas business**

O Expand in markets such as China and Russia

#### **Enhance business in Japan**

- O Further develop white-goods market
- Expand B2B market for air conditioning and lighting businesses

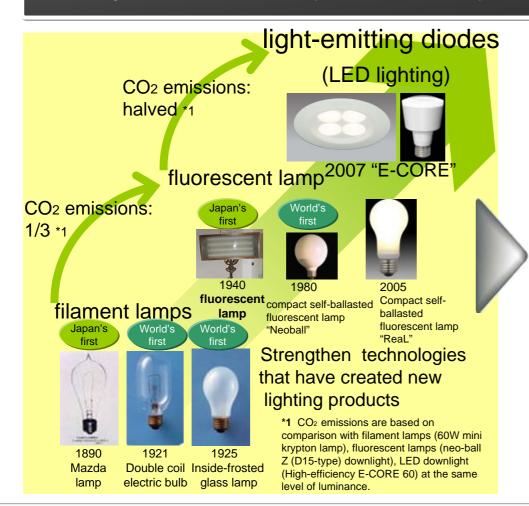


Contribute greatly to CO<sub>2</sub> reduction by promoting "eco style" products



### **New Lighting Businesses**

- O Discontinue normal filament lamps (scheduled for 2010) and shift to environmentally conscious products
- © Set up cross-company organization (April 2008), utilize integrated capabilities and accelerate global business
- O Aim to generate sales of 1 trillion yen in environmentally conscious lighting business in FY2020



Toshiba's power to create new lighting fluorescent materials, semiconductors, social infrastructure

#### Utilize integrated capabilities

Provision of diverse new lighting systems equipment, home, office, town, streets, etc.



COCCAS TOSHIBA KIRIN

Tokaido, Sanyo Shinkansen "N700 series"

Jingu Stadium "Super Color Vision





LED lamps for home use

"Venus Wing" Bridge, Nagasaki

### **Goals for Fiscal Year 2010**

Net Sales	10.0 trillion yen	9.3% CAGR from FY2007
Operating	500 billion yen	Operating Income Ratio: 5%
Income		(+1.9% from FY2007)
ROE	Over 15%	
Shareholders' Equity Ratio	Over 20%	
D/E Ratio	Below 100%	
Capital Expenditure	2.2 trillion yen	In three years from FY2008 to FY2010, 500 billion yen higher than FY2005- 2007 level
R&D Expenditure	1.4 trillion yen	In three years from FY2008 to FY2010, 240 billion yen higher than FY2005- 2007 level

# **TOSHIBA**

### **Leading Innovation** >>>>

Toshiba delivers technology and products remarkable for their innovation and artistry – contributing to a safer, more comfortable, more productive life.

We bring together the spirit of innovation with our passion and conviction to shape the future and help protect the global environment – our shared heritage.

We foster close relationships, rooted in trust and respect, with our customers, business partners and communities around the world.

