

#### **Company Presentation**

#### World Wide Sales

#### Discrete Division

#### Integrated Circuits Division



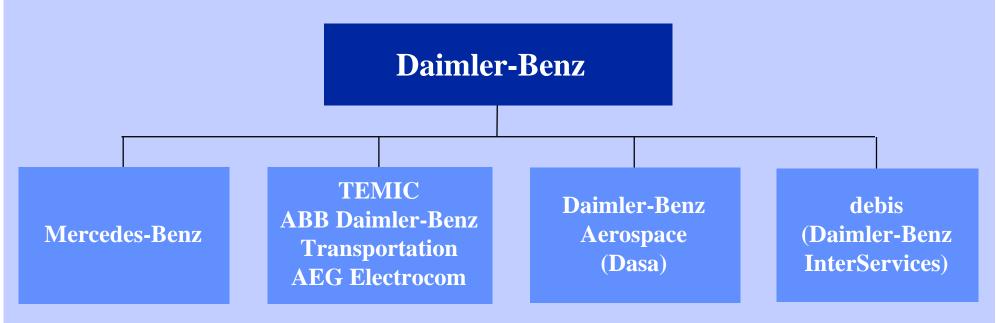
## **Company Presentation**

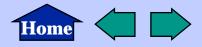


Home	Parent Company	TEMIC Structure	TEMIC Semiconductors Structure
Headquarters	Products Portfolio	Manufacturing: Fabs	Manufacturing: Backend
Revenue by Product Line	Revenue by Segment	Revenue by Region	Quality Policy
Quality Roadmap	Quality Definition	Mission Statement	

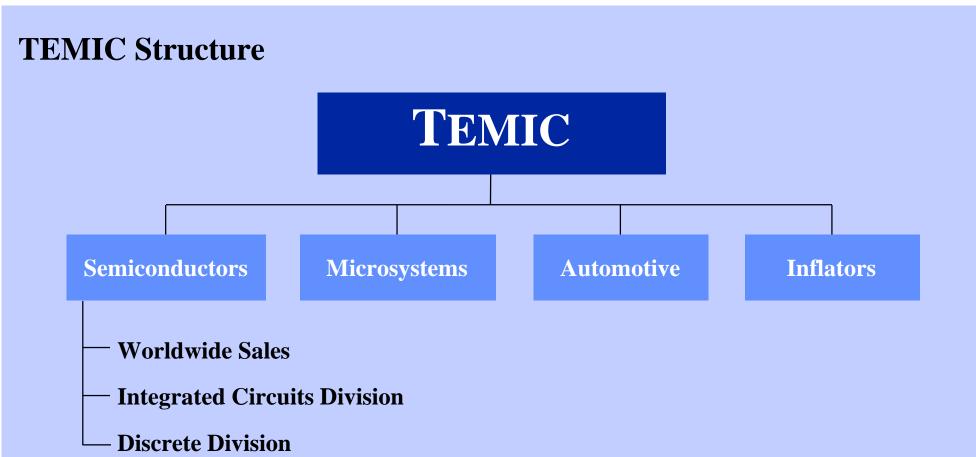


#### **Parent Company**





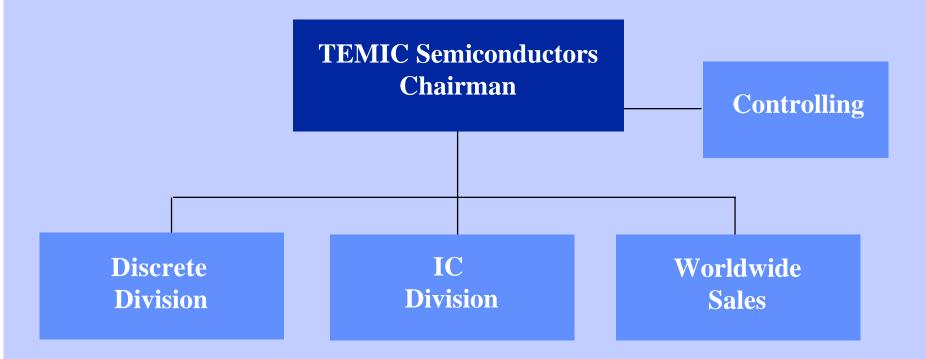


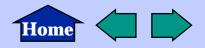


Home C



#### **TEMIC Semiconductors Structure**







#### Headquarters







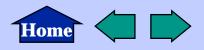
### **Product Portfolio**

### Discretes

- Power MOS Devices
- Optoelectronic Components
- Diodes & Bipolar Transistors
- Signal Processing Components
- IrDA Modules

## **Integrated Circuits**

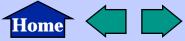
- Automotive ICs
- Communication ICs
- Microcontrollers
- Power ICs
- ASICs





#### **Manufacturing Facilities - Fabs**







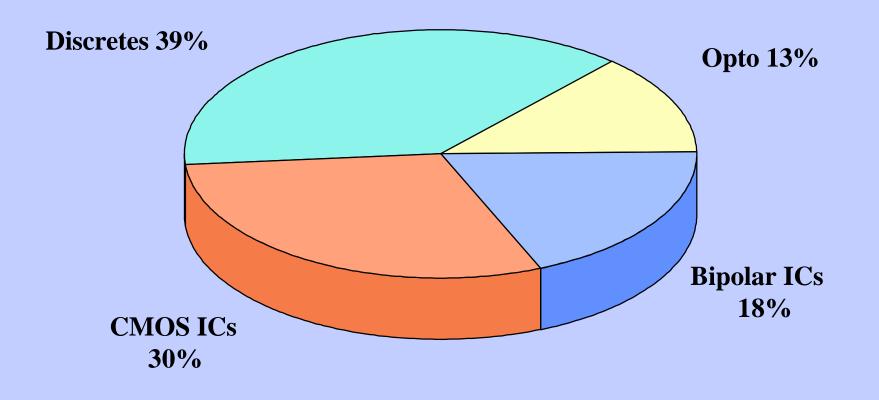
#### **Manufacturing Facilities - Backend**

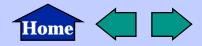




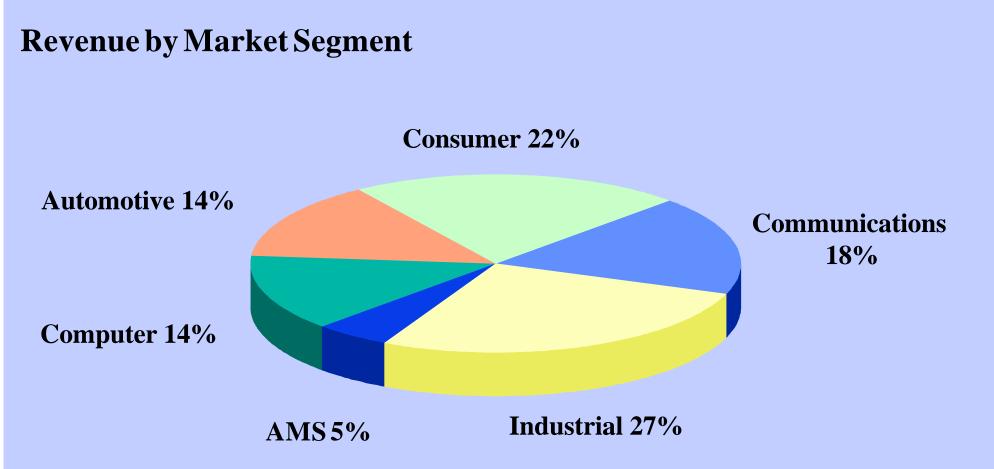


#### **Revenue by Product Line**

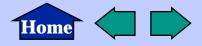






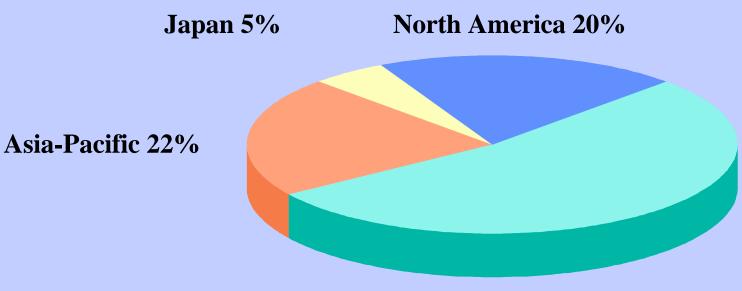


Distribution Revenue 38% included

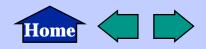




#### **Revenue by Region**



Europe 53%





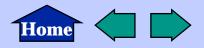
## **Quality Policy**

Our goal is to achieve total customer satisfaction through everything we do.

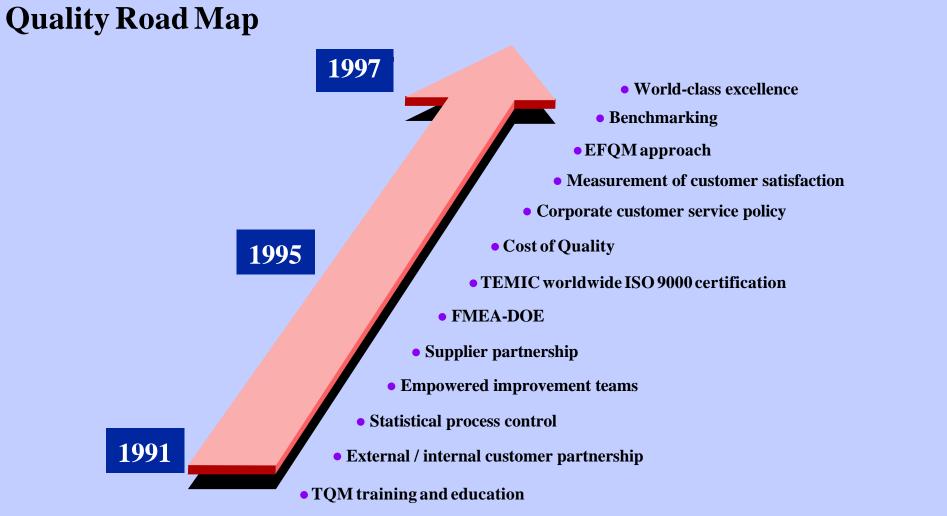
Therefore, the quality of our products and services is our number one priority.

Quality comes first!

All of us at TEMIC Semiconductors are part of the process of continuous improvement.











#### **Quality Definition**

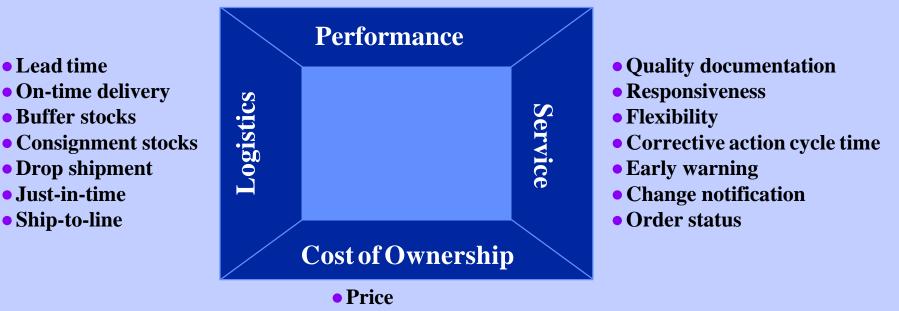
Lead time

• Buffer stocks

• Just-in-time

• Ship-to-line

- Average outgoing quality
- Early failure rate
- Latent failure rate



- Appraisal cost
- Failure cost

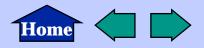


#### **Mission Statement**

To satisfy our customers by meeting their service, quality, and product performance expectations, achieving this success as judged by our

customers' growing appreciation and value for TEMIC's

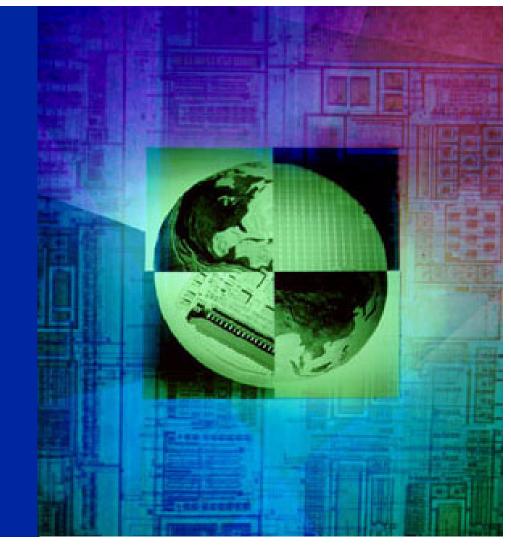
- systems-level applications know-how
- product and manufacturing technologies
- skills, attitude and commitment to excellence of our people





Semiconductors

## **Worldwide Sales**



Organization

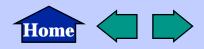
Sales Offices

Home



## Organization

- 20 direct sales offices in 15 countries all over the world
- Close to the customer through local dedicated Sales Engineers, Field Application Engineers, order entry and customer service
- Worldwide network of distributors and representatives



#### Worldwide Sales

TEMIC Semiconductors

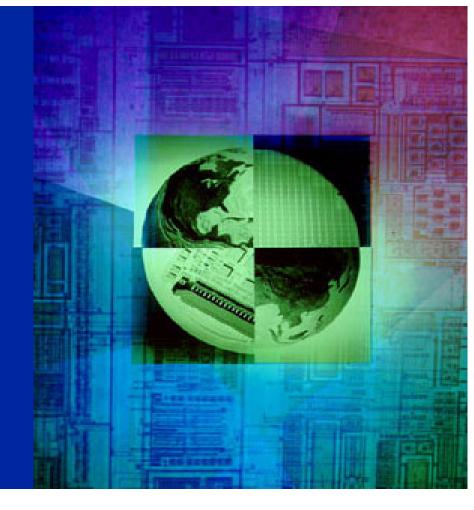
Home

Sales Offices	He	eadquarters Paris	
North America	Europe	Asia-Pacific	Japan
<ul> <li>Eastern Basking Ridge (NJ)</li> <li>Central Troy (MI)</li> <li>Western Santa Clara (CA)</li> <li>South America Mexico</li> </ul>	•Central Heilbronn (FRG) •Northern Stockholm (S) Bracknell (UK) •Southern Paris (F) Milan (I) Madrid (ESP)	<ul> <li>Northern</li> <li>Hong Kong Taipei (Taiwan) Seoul (Korea) Shanghai (China)</li> <li>Southern</li> <li>Singapore Bangalore (India)</li> </ul>	•Tokyo



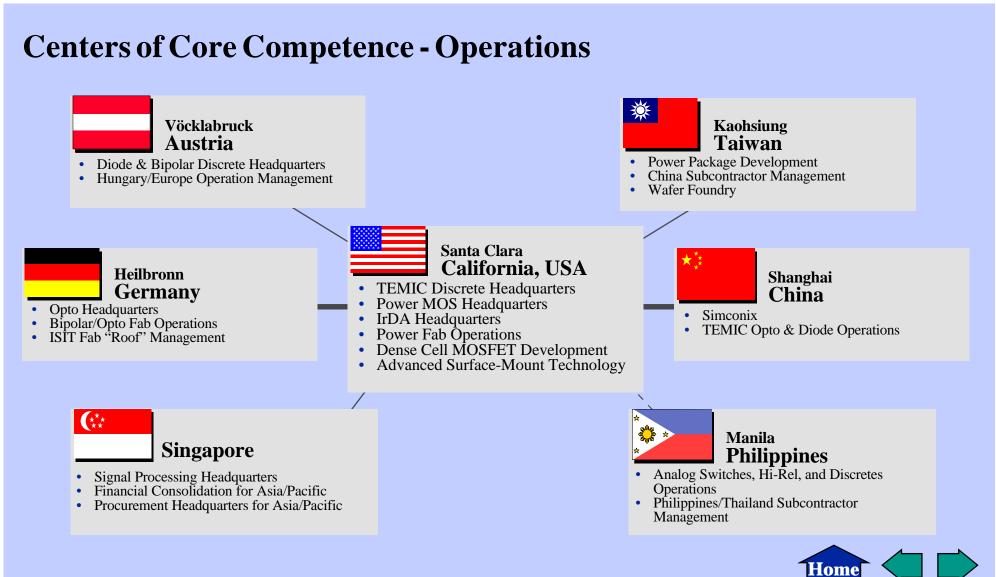
## **Discrete Components**

## Division



Core Competences	Key Products	Guiding Objectives
Revenue by Product Line	Revenue by Segment	Revenue by Region







## **Key Products**

#### **Power MOS Devices**

- LITTLE FOOT Power MOSFETs
- Application-Specific Standard MOSFETs

#### **IrDA Modules**

#### **Optoelectronic Components**

- Infrared Emitters
- Photo Detectors, Opto Sensors
- Opto Couplers, Opto Switches
- Remote Control Detector Modules
- Visible LEDs, Displays

#### **Signal Processing**

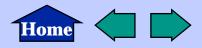
- Analog Switches/Multiplexers
- JFETs and DMOS FETs

#### **Bipolar Transistors**

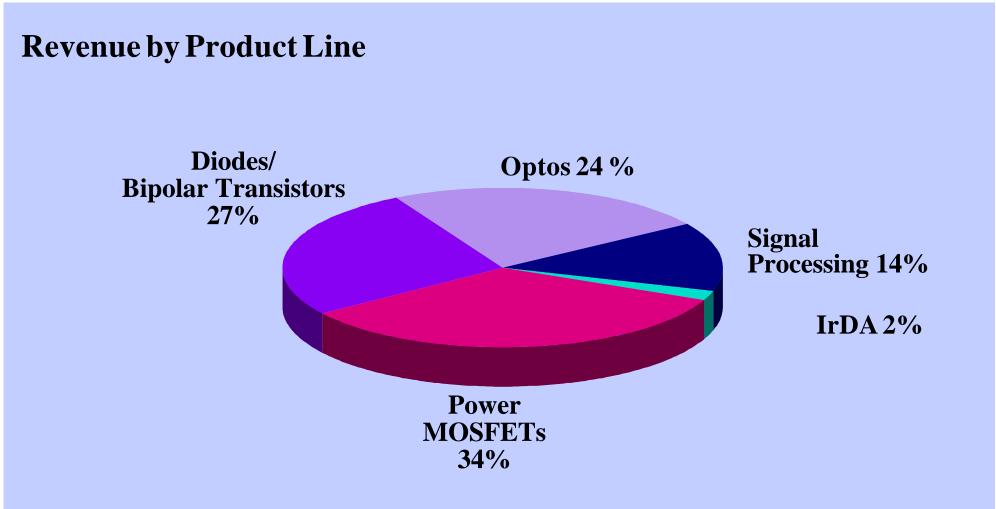
- MOS and Bipolar RF Transistors
- MOSMIC RF Solutions
- Bipolar High-Voltage Switches

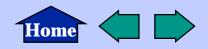
#### Diodes

- Small-Signal Diodes
- Zener Diodes
- Rectifiers

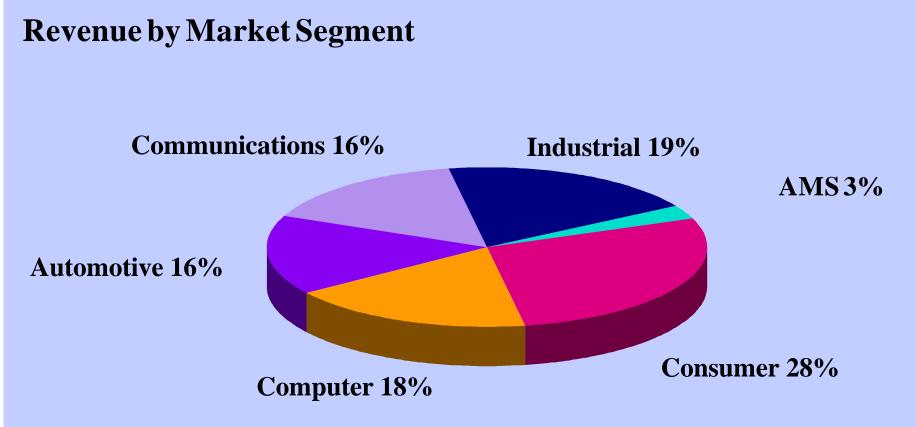


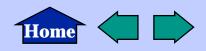






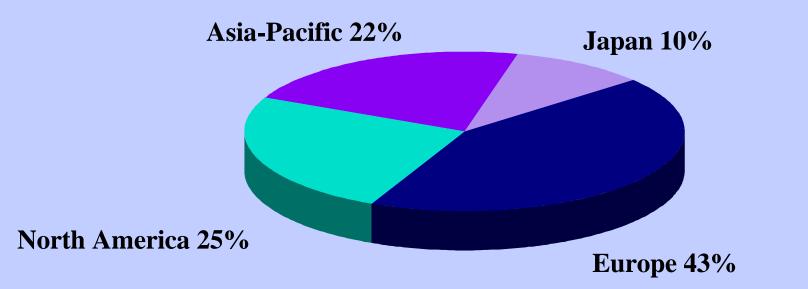


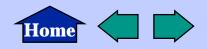






## **Revenue by Region**

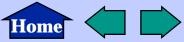






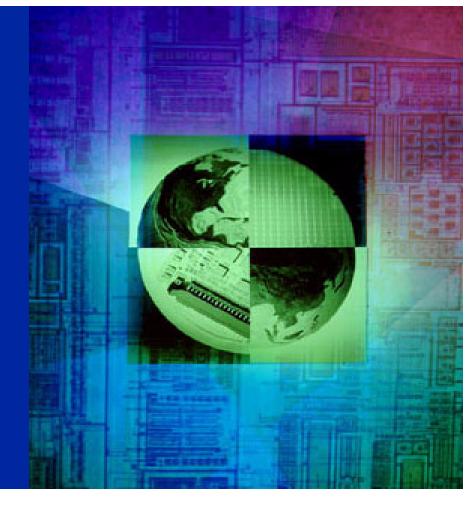
### **Guiding Objectives 1996 - 2000**

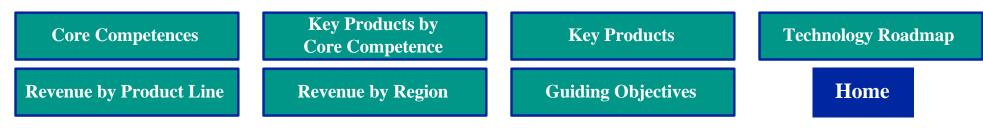
- Grow division revenue to > \$1 billion by the year 2000
- Achieve 15% annual growth in productivity measured by revenue per employee and overall manufacturing cost no greater than 50% of revenue.
- Allocate investment resources to serve the TEMIC strategic market segments (automotive, computer, communications, and broadcast media
- Achieve a balanced geographical representation of our revenue
- Achieve best-in-class status in MOSFET, MOSMIC, Schottky, photo module, IrDA, and surface-mount packaging technologies
- Support and resource IC product development which is strategically important for key customers in selected applications
- Establish a global manufacturing presence with cost-competitive facilities and production lines and a highly trained, quality conscious work force
- Continuously improve and measure the levels of satisfaction of our customers, employees, business partners, shareholders, and community





## Integrated Circuits Division

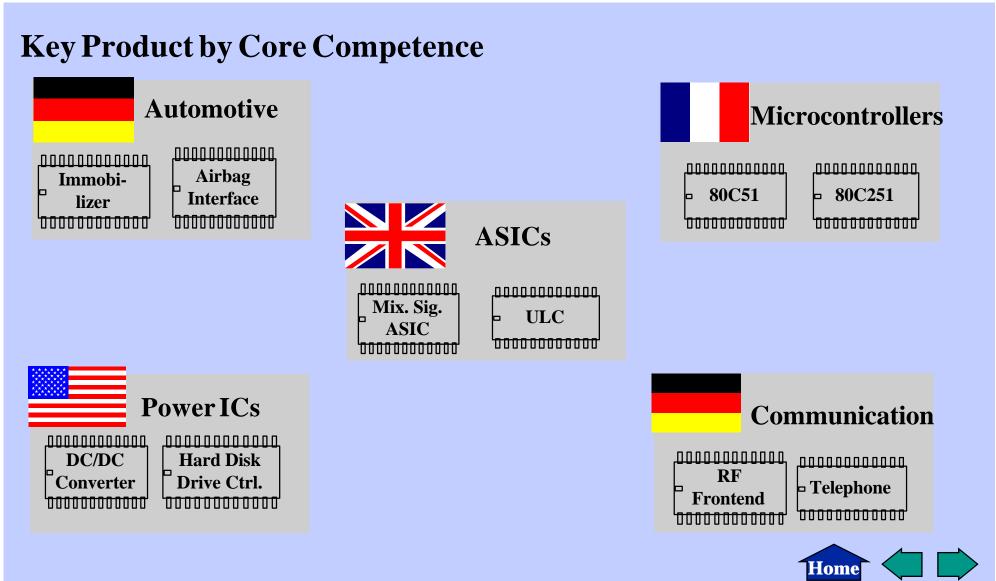




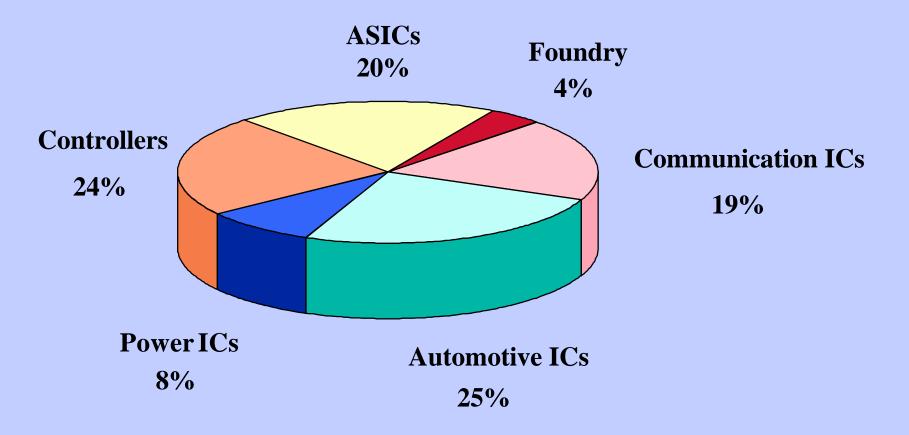


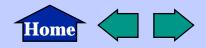




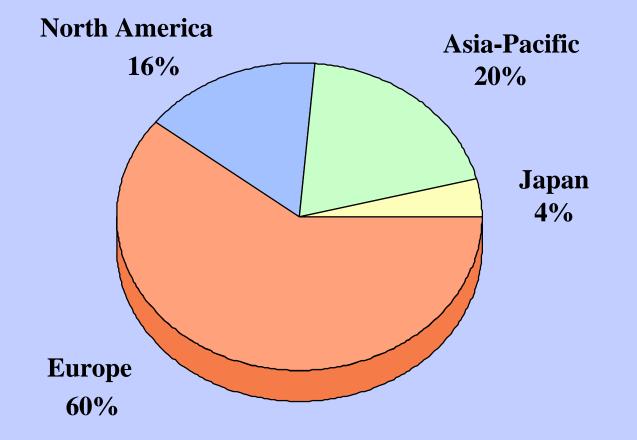


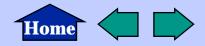
### **Revenue by Product Line**





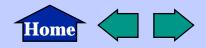
**Sales by Region** 

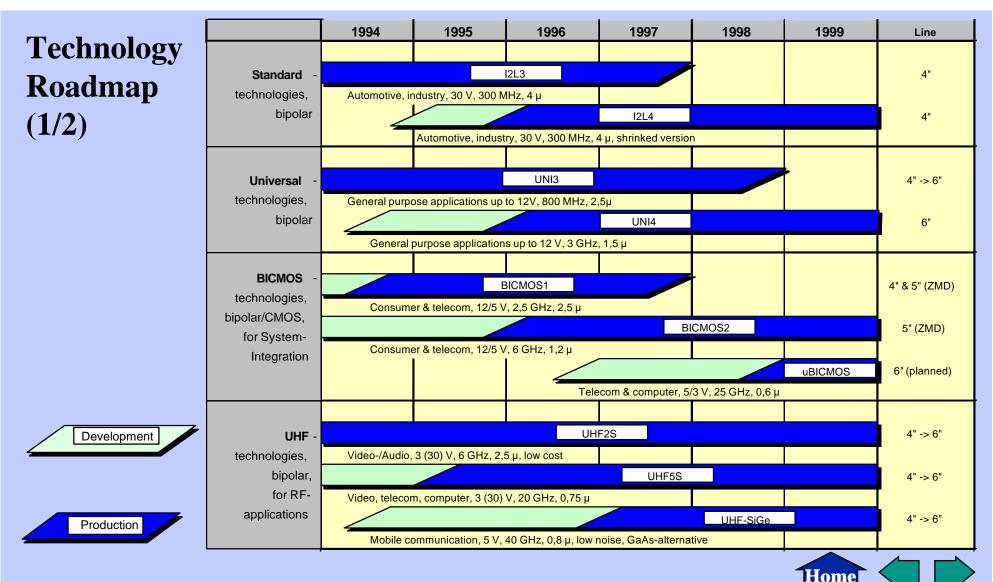


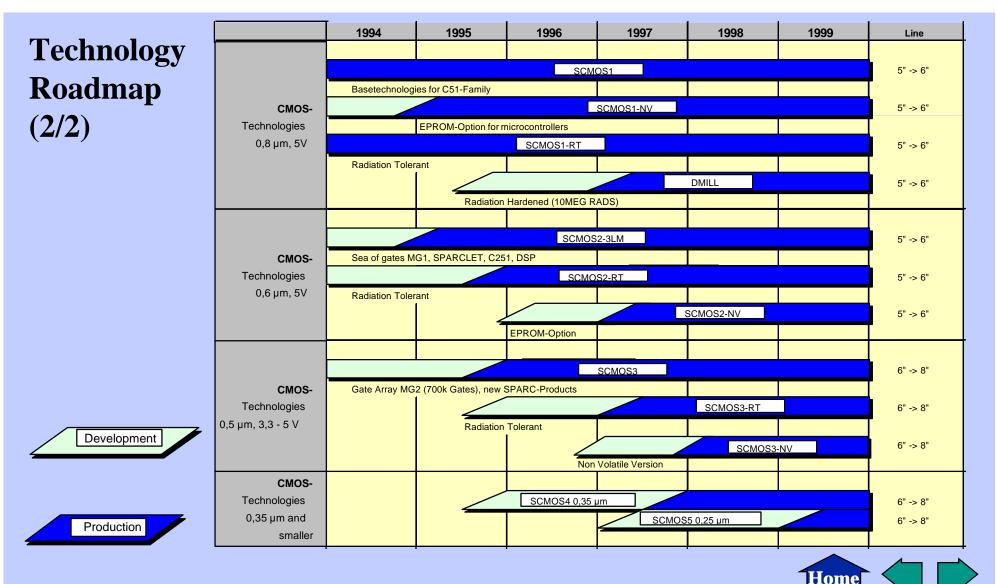


## **Key Products**

- **RF-Frontends**
- DAB Chipset
- Identification Transponder (IDIC)
- Rugged Silicon
- ABS/Airbag
- 4,8 and 32 bit Microcontrollers
- DC/DC Conversion
- HDD Controller
- Mixed Signal ASICs









## **Guiding Objectives**

- Concentrate on core competences
- Leadership through customer partnership
- Think global, act local
- Do only a few things... but do them efficiently

