



3Q03



# About Micron

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# Leading Memory Development

- **Micron provides its customers with the tools they need to successfully design high\_speed systems**
  - **Device I/O models**
  - **Design guides and technical analyses**
  - **Behavioral models**
  - **Design reviews**
- **Expertise in high\_speed system design, signaling, and applications engineering leads to better solutions**
  - **Work with JEDEC and the industry to standardize solutions**
  - **Work with partners to develop infrastructure for next\_generation memory technology**

# Driving Technology and Standards

- **DRAM**
  - **DDR2, the next step for DDR technology**
  - **DDR modules, highest\_density solutions**
  - **RLDRAM II specification, the new networking DRAM, codeveloped with Infineon**
  - **GDDR3, for high\_speed, point\_to\_point applications**
  - **Advanced low\_power DRAM, in development**
- **PSRAM**
  - **CellularRAM specification, the new wireless memory, codeveloped with Infineon and Cypress**
- **CMOS Image Sensors**
  - **Low\_noise technology rivaling CCD image quality**

# U.S. Patents Issued by Year

Rank	2000	2001	2002
1	IBM	IBM	IBM
2	NEC	NEC	Canon
3	Canon	Canon	Micron
4	Samsung	Micron	NEC
5	Lucent	Samsung	Hitachi
6	Sony	Matsushita	Matsushita
7	Micron	Sony	Sony
8	Toshiba	Hitachi	GE
9	Motorola	Mistubishi	HP
10	Fujitsu	Fujitsu	Mitsubishi

Source: United States Patent and Trademark Office

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