

TOSHIBA REVIEW

VOL.54 NO.8

Special Issues:

I Magnetic and Optical Disk Technologies

II Seamless Integration of Device Networks and Information Networks



Special Reports I

Magnetic and Optical Disk Technologies

- Magnetic and Optical Storage Technologies for the Multimedia Era
- **TREN** Mass Storage Media Spreading in Multimedia Era
- MV10000 Series 2.5-inch Hard Disk Drives
- SD-2109 Fourth-Generation DVD-Video Player
- SD-C2202 4x DVD-ROM Drive for Notebook PCs
- Technologies of GMR Head for 10 Gbps
- Head Positioning Servo Technologies for Small-Form-Factor HDD
- Hard Disk Controller with Embedded DRAM
- Superior Picture Quality for DVD Players

Special Reports II

Seamless Integration of Device Networks and Information Networks

- Integration of Computers, Communications, and Control
- **TREN** Enhanced Network Computing Enabling Integration of Information, Communication, and Control Systems
- Hardware Architecture of HEXABINE_{TM}
- HEXABINE_{TM} Software Architecture for Process Control Applications
- System LSI and Core of HEXABINE_{TM} Industrial Network Computer
- Java Application Framework for Industrial SCADA Systems
- JDevice for Writing Control Software in Java

Feature Articles

- Life Cycle Assessment for Designing Environmentally Conscious Products
- Ultrasmall Camera Module Utilizing Flip Chip Bonding
- Development of Winscope_{TM} 5000 Remote X-Ray Diagnostic System

Techno Notes

ITS(Intelligent Transport Systems)
