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Curtiss-Wright Controls Embedded Computing

SDRxL: 980 MB per sec data recording



December issue of ECE Magazine

The digital-only December issue of ECE magazine is our "Chips & Tools Yearbook 2008". It provides articles about technical trends with Microcontrollers, Motor Control,

Ramtron: European debut for F-RAM memory devices

At Electronica 2008, Ramtron will debut the new V-Family of high-speed and power flexible F-RAM memory devices, which offer a lower operating voltage (2.0V to 3.6V) and integrated features that reduce board space as well as assembly and device costs. Applications suitable for the new V-Family F-RAM devices include medical, automotive, industrial control, robotics, utility metering, RAID controllers, and industrial PCs.

F-RAM memory is nonvolatile due to its ferroelectric memory process, making it ideal for applications that require frequent or rapid writes. F-RAM provides data retention for over 10 years while eliminating the reliability concerns, functional disadvantages, and system design complexities of Battery-Backed SRAM.

■ Industry lowest $R_{DS(on)}$ in all voltage classes

■ Lowest figure of merit for highest switching efficiency

■ Broad portfolio of performance power packages

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