

MANAGED-MEMORY[®]

128MByte - 1GByte

Optimised for Embedded OEM Designs!

- Ultra-Rugged and Proven Reliable
- SPI and USB Interfaces
- Guaranteed Long-Term Availability
- Internally Managed File-System
- Serialised & Uniquely Configured for Each OEM



- Patented
- Designed, Built, and Supported in the USA

Managed-Memory solves the shortcomings of consumer-style devices by offering OEMS:

Managed Reliability

- Electronics are Solid Over-Molded – proven technology for 30 years
- Redundant Contact System and 50,000 Cycle Mating Receptacle
- Ultra-Rugged – drop it in the mud, immerse it in water, or drive over it with a HGV - it will still work
- One Company has Responsibility for the Entire Data Carrier/Receptacle System
 - ▶ **Reduces Technical Risk, Time-to-Market and R&D costs**

Managed Availability

- Guaranteed Long-Term Availability – not provided by mass-market manufacturers
- Configuration-Control of the Mechanical, Electrical, and Software Interface for Each OEM Program
 - ▶ **Reduces Support Costs – virtually eliminates the need for re-qualification and in-field updates**

Managed Ease of Implementation

- SPI Interface – provides direct connection to microprocessors
- USB Interface – provides direct connection to PC via economical interface unit
- Complete Line of Support Peripherals and Development Tools
- Superb Technical Support via Factory Application Engineers
 - ▶ **Easy to Implement in any Application**



Managed File System

- Internal File Management System – reduces engineering effort
- Efficient High-Level Command Set
 - ▶ **Reduces Load on Microprocessor and Reduces Firmware Complexity**

NEW: Sealed Receptacle under development.

Managed Security

- Factory-Loaded Electronic Serial Number and Unique OEM Code
- OEM Customisation Write-Once Registers for Encryption Seeds, Usage Flags, Write Protect, etc.
 - ▶ **Secures OEM's Intellectual Property, Thwarts Hackers, and Eliminates Grey Market**

Managed Identity

- Branding – Token can be made unique electronically and/or physically
- Revenue – OEM owns revenue stream from resale of tokens to end-users
 - ▶ **Token Enhances OEM Product's Image & Profitability**



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