



**Managed-Memory<sup>®</sup>**  
**256MByte – 1GByte**

*Patent Pending.*

**Optimized for Embedded OEM Designs!**

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

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

**Managed Reliability**

- ▶ Electronics are Solid Over-Molded – proven technology for over 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 truck - 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 or 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**

**Managed Security**

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

*Portable memory...*



**Make the connection.™**



*NEW: Immersion-Rated Receptacle*

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