



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

*Patented*

### 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.™*



*Immersion-Rated Receptacles Available*

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