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The embedded Logic NVM was invented and has been implemented in users' applications by the 200+ employees of our eMemory company, who are also the authors and author-assistants of this book. This book covers the following Logic NVM

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Nonvolatile memory Logic nonvolatile memory NVM Embedded NVM Floating-gate transistor Memory cell Memory array Reliability Data retention Endurance Disturb Tunneling Fowler-Nordheim tunneling HCI Hot carrier injection Band-to-band tunneling Coupling ratio Threshold voltage Program Erase High-voltage switch Sense amplifiers Row and column ...

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Non-volatile memory or non-volatile storage is a type of computer memory that can retrieve stored information even after having been power cycled. In contrast, volatile memory needs constant power in order to retain data. Examples of non-volatile memory include flash memory, read-only memory, ferroelectric RAM, most types of magnetic computer storage devices, optical discs, and early computer storage methods such as paper tape and punched cards. Non-volatile memory typically refers to storage in

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TwinBit. TM. Overview . NSCore's TMTwinBit is an embedded,
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