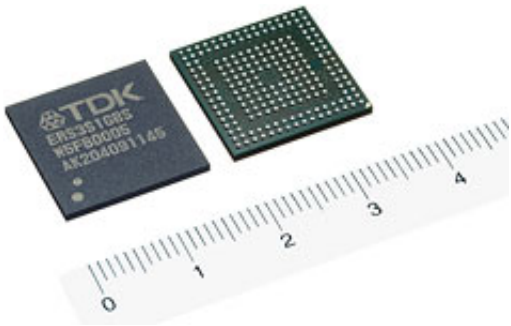


TDK launches eSSD series: Single chip Solid State Drives (SSD)

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TDK Corporation has developed the eSSD series, a single chip 3Gbps SSD with serial ATA interface that uses multi-chip technology to integrate the TDK SSD controller GBDriver RS3 with NAND type flash memory in a single package. Sales are scheduled to begin in April.

The new product provides a [storage capacity](#) of 1 to 4 GB in a 17 mm x 17mm 208-ball BGA package. Compared to a existing configuration with separate flash memory and [SSD](#) controller, both mounting footprint and cost are significantly reduced, making it ideal for SSD device integration in industrial equipment.

The internal flash memory is of the high-endurance SLC type. Combined with the powerful error correction capability of the GBDriver RS3, the power interruption tolerance algorithm, data randomizer, and

auto refresh function result in an SSD with excellent reliability and long life span.



Data security has also been enhanced, with an automated encryption function using AES ([Advanced Encryption Standard](#)) 128-bit encryption. Data in the [NAND Flash memory](#) is encrypted, providing robust security against data tampering and leaks.

An evaluation kit of the SSD device comprising an mSATA module and a mSATA-SATA converter board is also available.

Provided by TDK Corporation

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