Flash-Forward: The Future of Connected Devices

KIOXIA\(^1\) offers a broad range of NAND flash memory technology to support the growing IoT market. As the inventor of flash memory, KIOXIA's expertise in flash engineering can help solve challenging design demands for the next generation of IoT devices.

Types of KIOXIA Flash Memory for IoT Devices

- Managed Flash
  - UFS
  - e-MMC
- SLC NAND
  - Parallel Interface
  - Serial Interface
- Scalable 3D Technology
  - QLC | TLC

KIOXIA Flash Memory – The Memory Behind the IoT

- Reliable
- Low Power
- Extended Temperature Range
- Wide Range of Densities
- Longevity of Support

DID YOU KNOW?

By 2025, the total installed base of IoT connected devices is projected to be 75.44 BILLION worldwide.

Source: Statista Research Department, 2016

KIOXIA – Leading the Way for Next-Gen Connected Devices

- SMART CITY
  - Smart Meters
  - Network Edge
- SMART HEALTH
  - Wearables
  - Virtual Care
- SMART HOME
  - Home Security
  - Smart Thermostat
- NATURAL RESOURCES
  - Smart Agriculture
  - Landscaping
- INDUSTRIAL IoT
  - Smart Factories
  - Asset Tracking

KIOXIA delivers flash-based products for next-generation storage applications. Having invented NAND flash over 30 years ago, KIOXIA is now one of the world’s largest flash memory suppliers – and continues to move the technology forward.

\(^{1}\) KIOXIA America, Inc. (formerly Toshiba Memory America, Inc.)

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For more information please visit: https://business.kioxia.com/en-us/memory.html