

Evolving In-Vehicle Storage Solutions for Personal Mobility

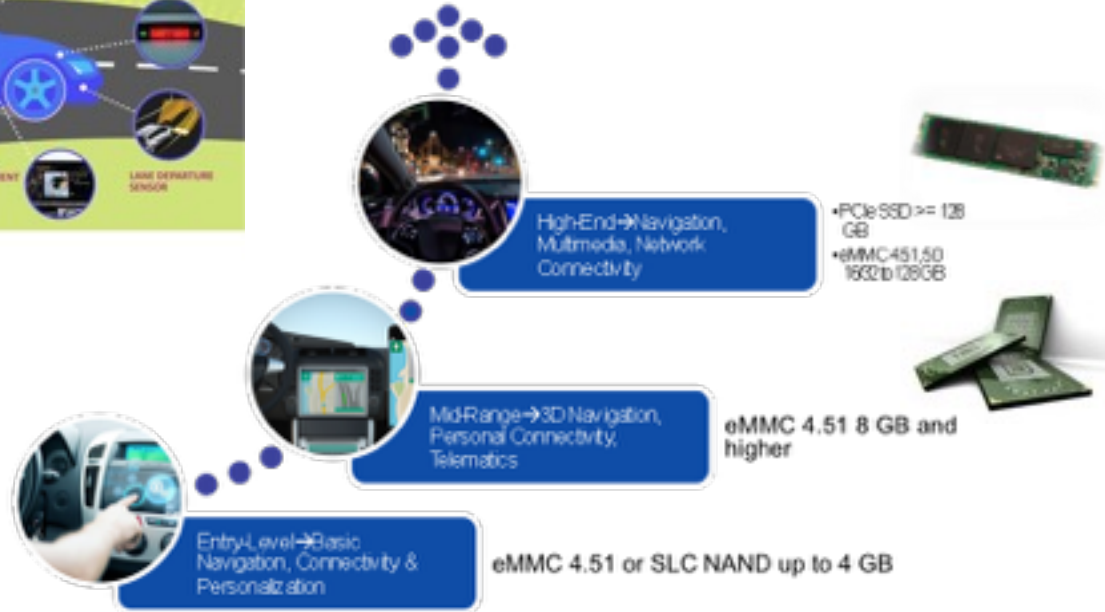
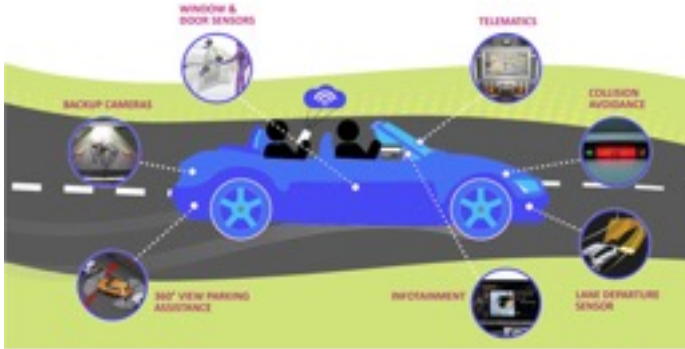


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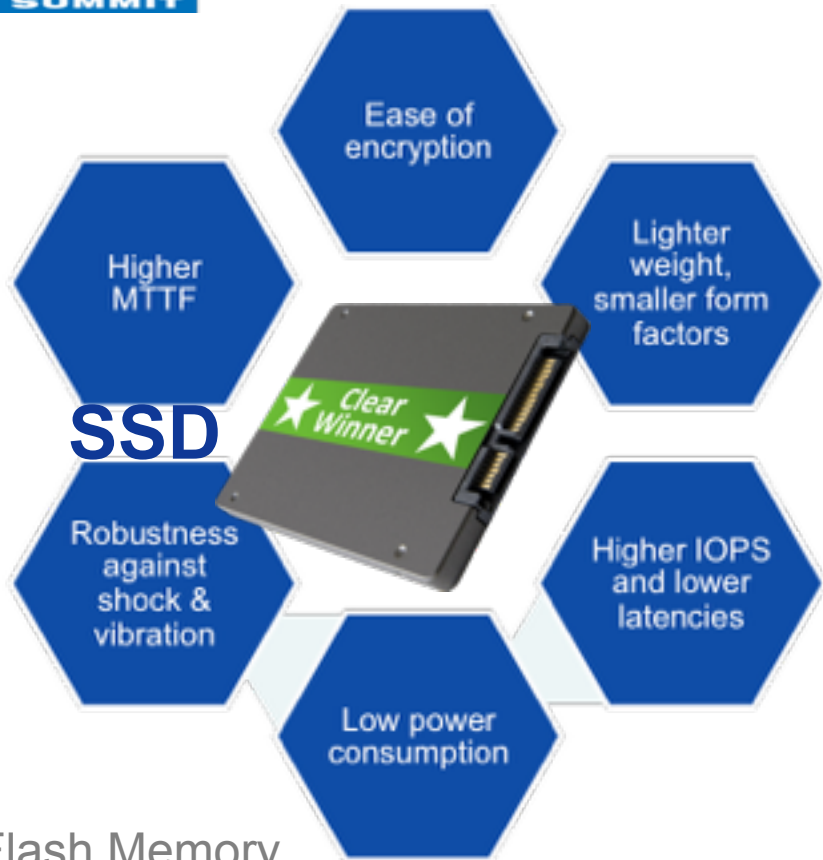
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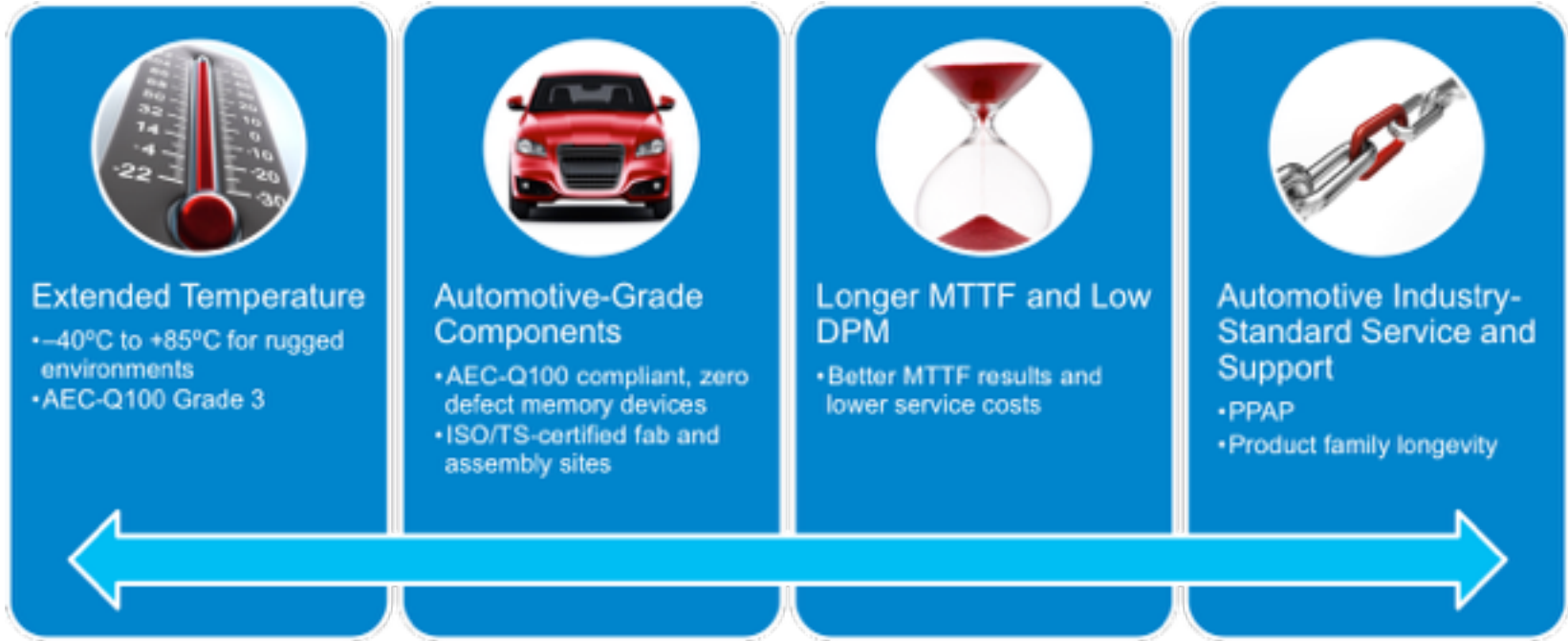
Evolving NVM Storage Solutions



SSD vs. HDD for Automotive



Automotive-Grade SSD Definition



Why Choose Automotive Grade?

- Value-add of automotive vs. industrial SSD
- Firmware optimizes extreme and cross-temperature functionality
 - Onboard temperature sensor
- Qualified for longer lifetime, data retention, shock and vibration



Key Benefits



Defense
against data
breach and
power loss

Robust
performance
across
automotive
temperature
extremes and
shock and
vibration

Optimized
endurance
and reliability
throughout
device
lifetime

Compliant
with
automotive
industry
standards

Extended
product life
cycle

Criteria for Selecting an Automotive SSD Supplier



Worldwide NAND Flash Leadership

- Micron SSD customers have the assurance of working with the world's leader in NAND Flash design. Our expertise in NAND technology sets us apart as a vertically integrated supplier with the unique ability to ensure end-to-end quality



Extensive Testing

- Micron's rigorous product testing translates to predictably reliable, high-quality drives



Data Security

- Industry-leading encryption
- IEEE 1667, TCG Opal 2.0, Microsoft® eDrive



Proven Start-to-Finish Quality

- From component design to fabrication to the finished package device, stringent quality requirements, significant investments in SSD test equipment, and advanced NAND management algorithms mean that reliability is literally built into every drive

Summary – Automotive-Grade SSDs Matter to the Industry

- Connected mobility and vehicle autonomy demand more than “good enough” storage
 - Extended temperature range
 - Robust data security
 - Data path protection
 - Power-loss protection
 - Responsive performance
 - Low power consumption

