

Micron's next-gen automotive intelligence for advanced AI-enabled systems & auto safety standards

With over 35 years of automotive expertise and trillions of road-tested miles, Micron powers the future of intelligent vehicles with auto-centric technologies that deliver industry-leading, robust, high-performance and reliable storage solutions.



Your Trusted Partner in Automotive Innovation: Over 35 Years of Excellence

With over 35 years of commitment to the automotive industry, Micron consistently sets the benchmark for auto-qualified storage solutions. Our broad portfolio, state-of-the-art global customer labs and robust ecosystem partnerships have positioned us at the forefront of automotive innovation. As industry embraces transformative advancements — including advanced driver assistance systems, autonomous vehicles, enriched cabin experience, and seamlessly connected vehicles powered by cutting-edge compute, memory, storage and AI — Micron remains your trusted partner. Engineered for

safety, speed, reliability and data integrity, Micron's solutions meet the rigorous demands of modern automotive applications. Through deep industry partnerships and a relentless focus on quality, Micron empowers OEMs to deliver smarter, safer and future-ready vehicles for today and for decades to come.

We are dedicated to supporting every step of your journey, empowering the next generation of intelligent vehicles with proven, road-tested solutions for unmatched reliability, safety and performance.

		Applications						
Technology	Description	ADAS ¹	AV ²	Connected vehicles	In-vehicle experience	Mobility as a service	Shared vehicles	Smart sensors
LPDDR4/X	• High bandwidth, low power	X	X	X	X	X	X	
LPDDR5/X	• Highest bandwidth ³ , low power • Qualified for safety apps	X	X	X	X	X	X	X
DDR4/DDR5 DRAM	• Highest-performance ³ , • lowest-latency memory		X			X		
SLC NAND	• High endurance	X	X			X		
e.MMC	• Low power, cost optimized • JEDEC 5.1 compliant	X		X	X			
UFS	• Ultrafast boot • JEDEC 4.1 compliant	X	X	X	X	X		X
PCIe SSD	• High density, high performance	X	X		X	X	X	
NOR	• High reliability • Small footprint • Instant on	X	X			X	X	
MCP ⁴	• Extended thermals • Small package			X				X

1. Advanced Driver Assistance Systems

2. Autonomous vehicles

3. Out of the Micron product portfolio

4. Multichip packages

Visit micron.com/solutions/automotive to learn more