Texas Instruments Processors - Selection and Support

February 2026

TI Information – Selective Disclosure

Texas Instruments

- TI understands that the supply for memory is constrained at a global level causing availability concerns and pricing pressure that affects the entire industry.
  - Our sources/partners in the memory market indicate they intend to continue manufacturing and add capacity providing more stability in availability and pricing.

- Memory vendors continue to maintain long-term roadmap support for LPDDR4/4x.
  - Memory market exits are affecting the commercial/personal electronics industry who primarily use DDR4; Automotive and industrial solutions remain for long term production.

- Memory vendors have asked us to advise our customers to contact the memory vendors directly to get the latest supply updates, share demand and secure capacity now.

- What TI and customers can do right now:
  - Support customers when qualifying DRAM suppliers/ICs
  - Use the TI tool chain to support/simplify any designs with JEDEC compliant memories
  - Recommend our list of DDR compatible memory vendors that offers versatility for our customers.

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TI Processors DDR selection and support

- DDR device selection:
  - TI DDR controllers are designed to work with JEDEC-compliant memories, contingent upon proper board design implementation
  - TI processors have been proven to be compatible with DDR memories from multiple vendors:
    - Micron, Samsung, Nanya, ISSI, Winbond, Alliance, SK Hynix, and others have been used by our customers.

- Migration and Second-Sourcing Support:
  - JEDEC-compliant DDR4/LPDDR4 components maintain compatible package footprints
  - The **DDR register configuration tool** facilitates rapid software configuration adjustments (potentially enabling a single configuration across multiple memory components)
  - **DDR Virtual Eye tool** is available to evaluate design margin (today limited to LPDDR4 interfaces)

- Processor Memory technologies:

Processor Family	AM335x	AM437x	AM64x, AM62x & AM62Lx	AM62Ax, AM62Px AM62Dx, TDA4x, DRA8x, AM68x, AM67x & AM69x	Future Devices
Memory technology used	**DDR2 DDR3L**	**LPDDR2 DDR3L**	**DDR4 LPDDR4**	**LPDDR4**	**LPDDR4x LPDDR5 LPDDR5x**

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DRAM Market Update: 1Q26

• While the DRAM market is currently experiencing supply constraints, Texas Instruments (TI) is working to navigate through this new environment and find a solution that is mutually beneficial to TI and its customers.

• TI expects the supply to remain constrained through 2026 and potentially into 2027 with the LPDDR4/LPDDR5 memory due to the strong demand in AI data centers. Customers may see longer lead times, evolving supplier policies (including non-cancelable orders), and selective customer engagement from some DRAM vendors.

• TI is actively monitoring the market and working closely with suppliers to understand supply and provide paths forward for our customers to meet their production timelines, minimizing the effects of the market dynamics.

• For legacy memory (DDR4/LPDDR4/4x), supplier strategies continue to evolve. Some suppliers are adjusting product portfolios, but long-term supply remains available through many vendors, particularly for automotive and industrial-grade solutions (e.g., **support extending into 2030+ from key vendors**).

• Next-generation memory adoption is progressing, with both LPDDR5 and LPDDR5x expected to be broadly supported. TI is incorporating LPDDR5/5x support into upcoming products to ensure future flexibility and supply resilience!

Market conditions are rapidly evolving. TI recommends contacting your memory suppliers for the most up-to-date supply status.

Please note TI has the expertise and tools to help customers switch Memory ICs if needed. Contact your local sales support team or submit an E2E ticket if help is needed

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Micron's Commitment to LPDDR4

- Micron will provide long-term DDR4 and LPDDR4 component supply support for automotive, industrial, networking, as well as select consumer and embedded compute applications that are unable to transition to DDR5 or LPDDR5.
- Micron's End-of-Life (EOL) notice for DDR4 in client and data center markets (PCN 35751) does not apply to automotive, industrial, networking, and other embedded markets.
- Micron is committed to supporting long-term supply for these markets and is investing in manufacturing capabilities to ensure ongoing support for DDR4 and LPDDR4.
- Micron has announced a $275 million CHIPS Act direct funding award to expand and modernize its Manassas, Virginia facility (Fab 6) to produce 1-alpha node for DDR4 and LPDDR4.
- Supported DDR4 and LPDDR4 part numbers for embedded markets can be found in the product catalog on micron.com under product status.



Microsoft Edge
PDF Document

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