

SPIRIT ELECTRONICS



*Added Value.
Added Service.*



SPIRIT ELECTRONICS UPSCREENED DDR4 MEMORY

The demand in the Aerospace and Defense industry to move toward the newer platform of DDR4 DRAM has put the Micron DDR4 family in the crosshairs for design applications from Spirit Electronics, the A&D distributor for Micron. The memory has distinct advantages in speed, power, form factor, interface and bandwidth. The advantages of DDR4 in reduced memory power demand and low voltage standards is accentuated by the migration to a higher speed I/O on the DDR4. Compared to the DDR3, the DDR4 has better enablement for larger-capacity memory subsystems with densities from 2Gb-16Gb, almost doubled that of the DDR3. Coupling that with doubling of the internal banks from 8 to 16 and Bank groups (BG) from 0 to 4, gives the DDR4 the advantage for faster burst accesses.

FEATURES

Our parts carry OEM warranties and are guaranteed non-counterfeit, ship-to-stock grade.

We accelerate your time to market, resulting in cost savings and competitive advantages, with the added benefit of utilizing the highest quality components.



TESTED, QUALIFIED AND OFF-THE-SHELF

With Spirit's ability to perform OEM level electrical testing, screening and qualification of the DDR4 devices, our devices are perfectly suited for the Aerospace and Defense markets. Our customer base has an excellent opportunity to migrate to DDR4 for use with the latest technological FPGAs where speed and fast data rates matter. These devices are qualified for extended temperature range and designated as enhanced screened, pedigreed with traceability, lot controls, lot specific data, and intended to accelerate our customer deployment to market with no qualification, PEM Quals and/or qualification efforts.

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- HUBZone Certified -