

NEW PRODUCT - 128 Gbit Asynchronous NAND Flash

3DFN128G16VS8810

3D PLUS expands its 128 Gbit NAND Flash family. The memory 3DFN128G16VS8810 has a new architecture different from that of the 3DFN128G16VS8709 memory.

The 3DFN128G16VS8810 shares the same basic die, process and package as the 3DFN128G16VS8709. The new architecture simplifies the memory use in 16 bits access. The user avoids pulling on two different R/B signals during 16 bits access.

The 3DFN128G16VS8810 is the perfect mass data storage solution for various applications in harsh environment.



Key features:

- 128 Gbit capacity
- ONFI 2.1 compliant
- Single 3.3 V operating voltage
- Endurance: 100k Program/Erase cycles with ECC
- Data retention: 10 years
- Dimensions: 20.4 mm x 13.8 mm x 12 mm

Key benefits:

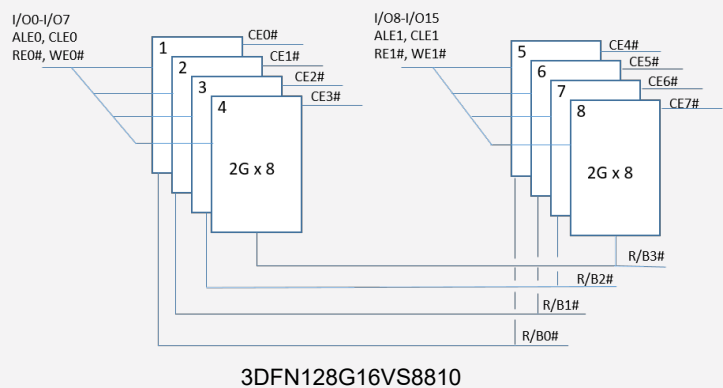
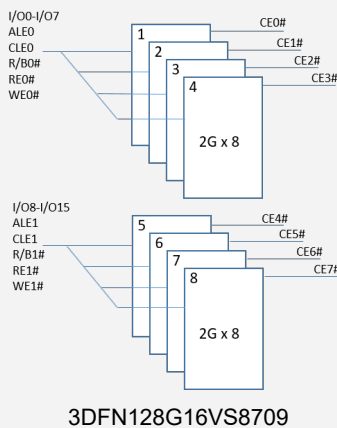
- Simplified access in 16 bits bus wide
- No qualification needed on user side (same process, basic die, packages as 3DFN128G16VS8709)
- Flight heritage
- Large storage capacity
- Light weight (6.70 g max)

Radiation data:

- TID > 60 krad(Si)
- SEL Leth > 62.5 MeV.cm²/mg

Availability:

- EM: Now
- FM: May 2021



3DFN128G16VS8709

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[For more info: 3DFP-0810](#)

Virtual event



INTERNATIONAL CONFERENCE ON SPACE OPTICS (ICSO)

30 MARCH - 2 APRIL 2021

Zoom presentation: High performance and High Resolution CMOS Camera for Space Applications (J. BEZINE)

3D PLUS LCL added to ESA's Preferred Parts List

3D PLUS keeps its commitment to provide Space qualified products in accordance to ESA requirements with the inclusion of the **3DPM0168-2 Latch-up Current Limiter** module in the **European Space Agency Preferred Parts List (EPPL, issue 38)**. This list establishes the preferred and suitable components to be used by European manufacturers of spacecraft hardware and associated equipment.

Since 2012, the LCL module has been used in numerous programs with the aim of protecting sensitive components from destructive Single Event Latch-up (SEL) induced by radiation. With its **high integration level** (15x15x13.35 mm), the 3DPM0168-2 offers a unique solution that can be easily adapted for any Space application. It replaces traditional discrete designs for this function, bringing real benefits by **saving engineering time and lowering overall system cost**.

