

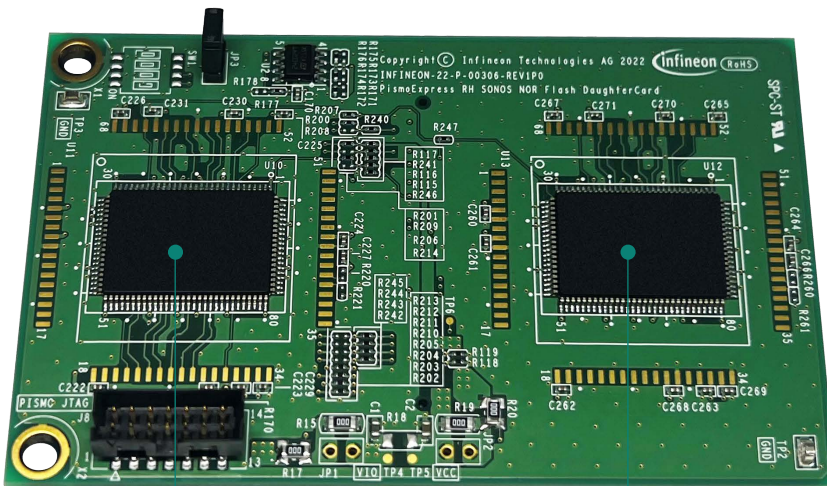
FPGA configuration rad hard NOR Flash memory mezzanine card

IFXDK-RHNOR

Infineon’s rad hard NOR Flash mezzanine cards have been developed to work with the Alpha Data development kits that support the AMD-Xilinx space grade FPGAs. We offer 2 mezzanine card options for the CYRS17B512 and CYRS17B01G families, one for the 68-pin CQFP package and one for the 100-pin CQFP package. The card has been tested to work with the Xilinx FPGA carrier cards through the FMC-HP connector enabling customers to prototype their FPGA application in the lab and supports different configuration options such as 1 Gb dual QSPI and 512Mb redundant QSPI modes.

Key features

- 512 Mb and 1 Gb density
- X1, x4, x8 SPI configuration modes
- 2.97 V to 3.62 V single supply voltage
- 1.8 V and 3.3 V I/O voltage support
- FMC-HPC, FPGA mezzanine connector
- Compatible with Alpha Data dev kit ADA-SDEV-KIT3
- Supports all Infineon 3.3 V radiation hardened NOR Flash devices



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Radiation hardened memories

Infineon's HiRel rad hard memory products portfolio consists of the world's most-reliable non-volatile memory and offers a wide selection of NOR flash, F-RAM, and SRAM solutions that enhance overall system computing limits, while providing Size, Weight and Power (SWaP) benefits with greater design flexibility to satisfy the needs of today's advanced space systems and beyond.

Parts list

Infineon P/N	Description
IFXDK-RHNOR-P	Mezzanine card for 100-TQFP plastic package rad hard NOR Flash, CYRS17B512-133AZMB and CYRS17B01G-133AZMB
IFXDK-RHNOR-V	Mezzanine card for 68-CQFP ceramic package rad hard NOR Flash, CYRS17B512-133UZMB and CYRS17B01G-133UZMB

Support: www.infineon.com/hirelmemory



www.infineon.com/hirel

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