

DFX16GB-I Development Kit



The power of memory. Secured.

Information and Guidelines

- DFX memory tokens are preformatted FAT32 per SD Organization guidelines.
- DFX memory tokens should only be inserted into DFX receptacle systems and/or the DFX PC adapter. Damage could occur if a DFX token is inserted in a UFX PC adapter, a SlimLink programmer, or any other system not intended specifically for the DFX token.
- DFX memory tokens utilize Secure Digital (SD) technology developed and maintained by the SD Association, www.sdcard.org.
- DFX memory tokens can be accessed via the DFX PC adapter and a personal computer or directly using the Serial Peripheral Interface (SPI) port of an embedded microcontroller.
- The SPI standard defines the physical interface layer only, while the SD Card Specification provides the complete protocol details. A simplified version of the SD Card specification can be downloaded from the SD Association website at no charge.
- The full SD Card specification can be obtained by joining the SD Association.
- Developers of embedded systems utilizing DFX memory tokens are responsible for obtaining a Host and Ancillary Product License, see SD Association website for details.
- It is recommended that the user's embedded system utilize a FAT32 file system. This is also compatible with personal computers (PCs) and will allow the DFX memory token contents to be shared with a PC without having to use custom PC software to access the memory.
- Refer to receptacle datasheets for pin-out information.



DFX16GB-I Development Kit

Part #: 702-0093-008A

Kit Includes

2 DFX16GB-I Memory Tokens
Part #: 611-0225-010A

SR4210 Panel-Mount Receptacle
Part #: 606-0051-000A

SR4220PCB PCB-Mount Receptacle
Part #: 606-0055-000A

DFX PC Adapter
Part #: 607-0081-002A

10-Conductor Ribbon Cable
Part #: 503-0049-008

Regulatory Compliance

Reduction of Hazardous Substances (RoHS)

CE – 2011/65/EU and 2015/863/EU
– Commonly known as RoHS3

For information on other regulations (REACH, Conflict Minerals, etc.), please contact:

Product Support
Datakey Customer Care Team
CCT@datakey.com
1-800-523-6996
+1-218-829-9797

Electromagnetic Compatibility (EMC)

FCC – 47 CFR Part 15

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

CE – 2014/30/EU and UKCA – S.I. 2016/1091

EN 55022 Class A Statement: Warning: This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

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