

# DFX1GB-IS 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](http://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.

## Product Support

Contact the Datakey Customer Care Team

- 800-523-6996
- CCT@datakey.com



## DFX1GB-IS Development Kit

Part #: 702-0093-005A

### Kit Includes

2 DFX1GB-IS Memory Tokens

Part #: 611-0228-010A

SR4210 Panel-Mount Receptacle

Part #: 606-0051-000A

SR4220PCB PCB-Mount Receptacle

Part #: 606-0055-000A

DFX PC Adapter

Part #: 607-0081-000A

10-Conductor Ribbon Cable

Part #: 503-0049-008



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