

## Datakey – Product Change Notification / End of Life Notification

**PCN Number:** 20220223 **Rev B**  
**Notice Date:** 23 February 2022 (updated 12 July)  
**Notification Subject:** End of Life Notification (EOL)

### Summary Description:

The USB controller IC used in DFX PC adapters has unexpectedly gone end-of-life (EOL). Because of the unexpected nature of the controller IC going EOL, ATEK was not offered a traditional last-time-buy (LTB) of these ICs. ATEK did purchase all remaining ICs, which allowed us to cover all outstanding orders for these adapters plus have a small number of controller ICs left over.

As a result, the standard (read/write) and read-only DFX PC adapters are hereby designated with EOL status. These adapters will be replaced with updated models that use a different USB controller IC. Because the new adapters use a different USB controller IC, some USB features will be different on the new adapters. See the Details of Notice section, below, for more detailed information on the differences between the existing DFX PC adapters and new replacement models.

### Affected Products:

DFX PC Adapter (standard read/write model)  
 Read-Only DFX PC Adapter

### Part Numbers:

607-0081-000A  
 607-0081-001A

### Suggested Replacements:

EOL DFX PC Adapter Models		Replacement DFX PC Adapter Models	
Old Part Number	Description	New Part Number	Description
607-0081-000A	DFX PC Adapter	607-0081-002A	DFX PC Adapter
607-0081-001A	Read-Only DFX PC Adapter	607-0081-003A	Read-Only DFX PC Adapter

### Notice Details:

As stated above, current DFX PC adapters are going EOL and are being replaced by updated models. There are some minor differences between the current DFX PC adapters and the new adapters, while many aspects remain unchanged. First, here are the aspects of the new DFX PC adapters that remain the same as the existing adapters:

#### Characteristics Shared Between EOL DFX PC Adapters and New DFX PC Adapter Models

Like the existing DFX PC adapters, the new adapters will share the same housing, the same USB Type A connector and the same SlimLine™ receptacle. The new adapters will use the same pinout and the same USB 2.0 Hi-Speed interface. Both standard (read/write) and read-only models will be offered.

#### Characteristics New/Changed with the New DFX PC Adapter Models

#### **Operational Temperature Range**

The old DFX PC adapters have an operational temperature range of 0°C to +85°C.

The new DFX PC adapters have an operational temperature range of -40°C to +85°C.

### USB Properties

Upon inserting a USB device into a host (like a Windows PC), the host will enumerate the device and will be able to query the device for several USB properties, including:

#### USB Vendor ID (VID)

This property is not changing. Like with all Datakey USB devices, the new DFX PC adapters will have a USB VID of 0x195E, which is the same as the VID used with the existing DFX PC adapters.

#### USB Product ID (PID)

Previously, DFX PC adapters (both read/write and read-only models) shared the same USB Product ID (0x000B). The new DFX PC adapters will have a different USB PID for each model. For example:

Standard DFX PC Adapter (607-0081-002A): 0x000E

Read-Only DFX PC Adapter (607-0081-003A): 0x000F

#### USB Display Name String

Because of the USB controller used in the new DFX PC adapters, we were unable to use the same display name string that was used in the older adapters. The old adapters used the string "Datakey DFX RUGGEDrive USB Device" for the display name string. The new DFX PC adapters (both versions) will use "Datakey DFX-I HS-USB2.0 USB Device" for the display name string.

Note: Some older adapters may display the following:

USB Vendor ID: 0x058F

USB Product ID: 0x6366

Display Name String: Multiple Card Reader USB Device

This is the default USB data for the old controller IC. The new models will use the new USB IDs and display string as described above.

#### USB Enumeration

The new DFX PC adapters enumerate as a USB 2.0 hub with an SD media reader attached to one of the downstream ports. When a DFX or DFX-I token is inserted into the adapter, it enumerates as a mass storage device on the aforementioned downstream port. This differs from the older DFX PC adapters, as they didn't have the intermediate USB hub.

A TEK will be making samples of the new DFX PC adapters available to existing customers upon product release, expected in early Q2-2022.

#### Last Time Buy Information

Because A TEK was not able to procure a last time buy (LTB) of the USB controller ICs, we are unfortunately not able to offer a traditional last time buy of the existing DFX PC adapters. We do have limited quantities of DFX PC adapters in stock and extremely limited quantities of the controller ICs available to build up additional adapters. Contact the Datakey Customer Care team for stock and LTB information.



If you have any questions regarding this PCN, please contact the Datakey Customer Care Team.

**Contact Information:**

Customer Care Team

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