

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

**PCN Number:** 20220602  
**Notice Date:** 2 June 2022  
**Notification Subject:** End-of-Life (EOL) Notification

### Summary Description:

The 4Gbit NAND flash used in the NFX Managed-Memory™ and NFX-MSD memory tokens is no longer available. Additionally, the NFX product line, which was launched in 2006, is no longer a sustainable, so all NFX token models and adapters are now End of Life.

### Affected Products:

NFX Managed-Memory 4Gbit USB/SPI Memory Token  
NFX MSD 4Gbit USB Memory Token  
NFX MSD Micro-USB CIK Token  
NFX MSD Micro-USB CIK Token  
NFX PC Interface Adapter

### Part Numbers:

611-0173-00xA\*  
611-0181-00xA\*  
699-0121-000A  
699-0134-000A  
607-0077-000A

### Details of Notice:

The NFX Managed-Memory product debuted in 2006 and provided a unique portable memory solution for its time. It provided both an SPI interface and a USB interface through a single connector. A simple microcontroller-based embedded system could read from and write data to the token using simple commands over an SPI interface. Then the token could be taken to a PC, where it could be read by the computer through one of its USB ports (via an adapter box). Today, the Datakey DFX-I RUGGEDrive memory token (along with a DFX PC adapter) provides for a very similar solution but leverages the SD card specification rather than the proprietary command set used by the NFX Managed-Memory token. With the age of this design exceeding 15 years, it is no longer a competitive solution, and with the qualified NAND flash being obsolete for many years, ATEK can no longer produce these memory tokens.

### Last-Time-Buy:

The 4 gigabit NAND flash memory IC used in NFXMM4Gb and NFXMSD4Gb tokens is no longer available, and ATEK is running low on stock. ATEK has the following items remaining in inventory:

27 pieces of black NFX tokens that can be programmed into 611-0173-000A or 611-0181-000A

183 pieces of the 4 gigabit NAND flash to be built into either 611-0173-00xA or 611-0181-00xA

This would put the maximum number of tokens available for purchase at the yield of 210, though other components may limit how many NFX tokens may be produced.

**Last time buy orders will be accepted until July 29<sup>th</sup>, 2022.** The remaining components will be divided amongst all LTB orders received by the July 29<sup>th</sup> deadline. Because of the limited number of components remaining, it may not be possible to meet all requested LTB quantities. ATEK will respond to all LTB orders in early August and will confirm the number of tokens allocated per order at that time. The number will be a “yield of” figure. That is, ATEK will divide up the remaining components to determine the starting quantity for each customer who submitted a LTB order, but the final quantity delivered may be reduced due to fallout during the manufacturing process.

### Suggested Replacements:

There are no direct replacements for the NFX memory tokens, but the chart below lists the closest replacement products.

Old Part Number	Old Description	Replacement Part Number	Replacement Description
611-0173-00xA*	NFXMM4Gb Token	611-0229-00xA*	DFX4GB-IS Token
611-0181-00xA*	NFXMSD4Gb Token	611-0241-00xA*	UFX4GB-IS Token

The replacement part numbers mentioned above have different pinouts and are functionally different products. Please contact the Datakey Customer Care Team (CCT) for more information on potential replacement products or for more information on this EOL/LTB notice.

### Contact Information:

Customer Care Team

+1 (800) 523-6996

+1 (218) 829-9797

[CCT@datakey.com](mailto:CCT@datakey.com)

\* EOL notice applies to all colors, where “x” in the above part numbers corresponds to the following:

0 = black, 2 = red, 4 = yellow, 5 = green, 6 = blue, and 8 = gray.

Full listing of part numbers impacted by this PCN:

611-0173-000A  
 611-0173-002A  
 611-0173-004A  
 611-0173-005A  
 611-0173-006A  
 611-0173-008A  
 611-0181-000A  
 611-0181-002A  
 611-0181-004A  
 611-0181-005A  
 611-0181-006A  
 611-0181-008A  
 699-0121-000A  
 699-0134-000A  
 607-0077-000A