



DOCUMENT TITLE:  
**Product Change Notification**

DEPT: Engineering	DOCUMENT NO.	412-0074-00	
PRINT DATE: 10/19/21	REV	A	Page 1 of 1

**Title of Change:** Utility pSLC 4GB uSD and SD Firmware Update

**Date:** 10/19/21

**PCN No:** 412-0074-00

**PCN Effective Date:** 10/19/21

**Last Time Buy Date:** N/A

**Last Time Ship Date:** N/A

**Type of Change:**

A new version of firmware has been released for the controller in the Delkin Utility pSLC uSD and SD cards with several enhancements, and Delkin highly recommends moving to the new configuration.

**Description of Change:**

Changes / enhancements to the firmware include:

- Enhanced power loss protection, handling of sudden power interruptions & impact on UECC
- Improved read disturb management
- Improved 4K random read performance
- Added SD 5.0 compliance
- Optimization for various corner case write patterns
- Enhanced CMD42 Lock\_Unlock handling mechanism for better efficiency

**Reason for Change:**

To improve card reliability and performance in host applications.

**Products Affected:**

4GB uSD and SD pSLC, per part number list below.

**Impact of Change / Recommended Actions:**

Delkin recommends qualifying the new firmware version and migrating to the replacement part numbers. Contact your Delkin Devices Account Manager to request a sample and to request a copy of the datasheet.

**Reference Documents/Attachments:**

List of part numbers affected by this PCN are shown below, with replacement part numbers.

Affected Part Number	Replacement Part Number
SF04APGEN-U3000-3	SF04APGJN-U3000-3
S404APGEN-U3000-3	S404APGJN-U3000-3

Sincerely,

*Tony Diaz*

Tony Diaz  
Product Management  
Delkin Devices, Inc.