

DEPT: Engineering	DOCUMENT NO.	412-0075-00	
PRINT DATE: 10/19/21	REV	A	Page 1 of 2

Title of Change: Utility & Utility+ 8/16GB uSD/SD Firmware Update

Date: 10/19/21

PCN No: 412-0075-00

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 and Utility+ 8 and 16GB 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:

8GB and 16GB uSD and SD, per part number list on Page 2.

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 on Page 2, with replacement part numbers.

Sincerely,



Tony Diaz
Product Management
Delkin Devices, Inc.

Part Numbers Affected by this PCN and Replacement Part Numbers

Affected Part Number	Replacement Part Number
SF08APGE9-U1000-3	SF08APGJP-U1000-3
SF16ANZE9-U1000-3	SF16ANZJP-U1000-3
S408APGE9-U1000-3	S408GSEJL-U1000-3
S408APGE9-U1212-3	Contact Delkin
S416APGE9-U3000-3	S416GSEJL-U3000-3
SE08APGE9-1B000-3	SE08APGJP-1B000-3
SE16ANZE9-1B000-3	SE16ANZJP-1B000-3
S308APGE9-U1000-3	S308APGJP-U1000-3
S316APGE9-U3000-3	S316APGJP-U3000-3