



DOCUMENT TITLE:
Product Change Notification

DEPT: Engineering	DOCUMENT NO.	412-0035-00	
PRINT DATE: 10/11/2019	REV	A	Page 1 of 2

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

Date: 10/11/19

PCN No: 412-0035-00

PCN Effective Date: 10/11/19

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 & Utility+ microSD and SD cards with several enhancements, and Delkin highly recommends moving to the new configuration.

Description of Change:

Changes / enhancements to the firmware include:

- Improved power loss protection
- Improved read disturb management
- Improved 4K random read performance
- Added SD 5.0 compliance
- Optimization for various corner case write patterns

Reason for Change:

To improve card reliability and performance in host applications.

Products Affected:

Utility and Utility+ microSD & SD products, per the 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 samples.

Reference Documents/Attachments:

List of part numbers affected by this PCN are shown on Page 2, with replacement part numbers.

Sincerely,

Tina Guidotti
Director of Product Management and Technical Support
Delkin Devices, Inc.

DELKIN DEVICES

LEVEL 4 – RECORDS Product Change Notification

FORM NO.

412-0035-00

REV

A

Page 2 of 2

Affected Part Number	Replacement Part Number		Affected Part Number	Replacement Part Number
S404APY5Q-U1000-3	S404APYE9-U1000-3		S316APG49-U3000-3	S316APGE9-U3000-3
S404APY5Q-U1215-3	Contact Delkin		S332APG49-U3000-3	Contact Delkin
S408APG49-U1000-3	S408APGE9-U1000-3		S364APG5S-U3000-3	Contact Delkin
S408APG49-U1212-3	Contact Delkin		S31HAPGAC-U3000-3	Contact Delkin
S408APG49-U1213-3	Contact Delkin		SF04APY5Q-U1000-3	SF04APYE9-U1000-3
S408APG49-U1N01-3	Contact Delkin		SF04APY5Q-U1000-M	Contact Delkin
S408APG49-U1N01-M	Contact Delkin		SF04APY5Q-U1037-3	Contact Delkin
S408APG49-U1N03-3	Contact Delkin		SF08APG49-U1000-3	SF08APGE9-U1000-3
S408APG49-U1N03-M	Contact Delkin		SF08APG49-U1016-D	Contact Delkin
S408APG49-U1N15-3	Contact Delkin		SF08APG49-U1048-3	Contact Delkin
S408APG49-U1N23-3	Contact Delkin		SF16ANZ49-U1000-3	SF16ANZE9-U1000-3
S408APG49-U1N26-3	Contact Delkin		SF32ANZ49-U3000-3	Contact Delkin
S416APG49-U3000-3	S416APGE9-U3000-3		SF64ANZ5S-U3000-3	Contact Delkin
S416APG49-U3214-3	Contact Delkin		SF1HANZ5S-U3000-3	Contact Delkin
S416APG49-U3217-3	Contact Delkin		SE04APY5Q-1B000-3	SE04APYE9-1B000-3
S432APG49-U3000-3	Contact Delkin		SE08APG49-1B000-3	SE08APGE9-1B000-3
S432APG49-U3184-3	Contact Delkin		SE16ANZ49-1B000-3	SE16ANZE9-1B000-3
S432APG49-U3N05-3	Contact Delkin		SE16ANZ49-3B000-3	SE16ANZE9-1B000-3
S432APG49-U3N05-M	Contact Delkin		SE32ANZ49-3B000-3	Contact Delkin
S432APG49-U3N16-3	Contact Delkin		SE64ANZ5S-3B000-3	SE64ANZFJ-3B000-3
S432APG49-U3N16-M	Contact Delkin		SE1HANZ5S-3B000-3	Contact Delkin
S432APG49-U3N17-3	Contact Delkin		SE1HANZ5S-3B219-3	Contact Delkin
S432APG49-U3N17-M	Contact Delkin			
S432APG49-U3N18-3	Contact Delkin			
S432APG49-U3N18-M	Contact Delkin			
S432APG49-U3N24-3	Contact Delkin			
S432APG49-U3N25-3	Contact Delkin			
S464APG5S-U3000-3	Contact Delkin			
S464APG5S-U3184-3	Contact Delkin			
S41HAPGAC-U3000-3	Contact Delkin			
S304APY5Q-U1000-3	S304APYE9-U1000-3			
S304APY5Q-U1206-3	Contact Delkin			
S308APG49-U1000-3	S308APGE9-U1000-3			