

Product Notification Form

PCN #: PCN17-0024.docx	Rev: 1.0	Issue Date: May 04 th , 2017									
Type of Change: Product Notification for a firmware improvement in the Series S-45 for the 64GB and 128GB variation <input checked="" type="checkbox"/> minor / <input type="checkbox"/> major											
Detailed Description of Change: <ul style="list-style-type: none"> - Firmware improvement for device write endurance (TBW) limitation. The endurance that can be reached depends on the usage profile (sequential or random write) and can be up to one third below the target value. <table border="1" style="margin-left: 40px; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="padding: 2px 5px;">Firmware Revision</th> <th style="padding: 2px 5px;">64GB</th> <th style="padding: 2px 5px;">128GB</th> </tr> </thead> <tbody> <tr> <td style="padding: 2px 5px;">Old firmware</td> <td style="padding: 2px 5px;">160125 1.10</td> <td style="padding: 2px 5px;">160715 1.06</td> </tr> <tr> <td style="padding: 2px 5px;">New firmware</td> <td style="padding: 2px 5px;">160125 1.11</td> <td style="padding: 2px 5px;">160715 1.07</td> </tr> </tbody> </table> <ul style="list-style-type: none"> - With the new firmware, the target write endurance is 3k write/erase cycles for both sequential and random write. <p>The new firmware can be updated in the field with a software tool. The firmware update tool (incl. instruction manual) can be downloaded here: ftp://public:public@office.swissbit.com/SFxx_FwUpdate/SBUpdate-S-45_64GB_128GB_2017-05.zip</p>			Firmware Revision	64GB	128GB	Old firmware	160125 1.10	160715 1.06	New firmware	160125 1.11	160715 1.07
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New firmware	160125 1.11	160715 1.07									
Quality impact: <input type="checkbox"/> minor / <input type="checkbox"/> major / <input checked="" type="checkbox"/> no											
Reliability impact: <input checked="" type="checkbox"/> minor / <input type="checkbox"/> major / <input type="checkbox"/> no											
Products affected: <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th style="padding: 2px 5px;">Series</th> <th style="padding: 2px 5px;">Part Number</th> <th style="padding: 2px 5px;">New Part Number</th> </tr> </thead> <tbody> <tr> <td style="padding: 2px 5px;">SD Memory Cards S-45 Series</td> <td style="padding: 2px 5px;">SFSDxxxxL3BM1T0-t-xx-2B1-STD</td> <td style="padding: 2px 5px;">Same, no change</td> </tr> </tbody> </table> <p>t = temperature grade C or I; x = density, options and custom configuration</p>			Series	Part Number	New Part Number	SD Memory Cards S-45 Series	SFSDxxxxL3BM1T0-t-xx-2B1-STD	Same, no change			
Series	Part Number	New Part Number									
SD Memory Cards S-45 Series	SFSDxxxxL3BM1T0-t-xx-2B1-STD	Same, no change									
Implementation date: Shipments starting from May 08, 2017 will include the new FW.											
Recommended action: Update to the new firmware with an available software update tool or contact our RMA department to arrange the exchange: rma-pool@swissbit.com . The firmware update has been verified by Swissbit, no re-qualification is required at customer site.											
Should you have any questions or concerns with the content of this change, please contact the Swissbit PCN team at customer.pcn@swissbit.com within 30 days. No response will be deemed as customer's acceptance of the change and the change will be implemented pursuant to the implementation date set forth in this PCN.											
<p>IMPORTANT NOTE:</p> <p><i>Swissbit – as a provider of industrial products – announces and informs about every change in the product hardware and firmware. We always test backwards compatibility and assure best quality, reliability and transparency for our customers. We apologize for any inconvenience caused.</i></p>											

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Affected products:

PN	Description
605497	SFSD064GL3BM1T0-E-HG-2B1-STD
605503	SFSD064GL3BM1T0-I-HG-2B1-STD
605742	SFSD128GL3BM1T0-E-OG-2B1-STD
605744	SFSD128GL3BM1T0-I-OG-2B1-STD