

Product Notification Form

| PCN #: PCN20-0021 | Rev: 1.0 | Issue Date: March 17, 2020 | | | | | | | | |
|---|------------------------------|-----------------------------------|--------|---------------------|-----------------|-------|------------------------------|------------------------------|------------------------------|------------------------------|
| Type of Change: Improved Firmware for new design ins and product line maintenance <input type="checkbox"/> minor / <input checked="" type="checkbox"/> major | | | | | | | | | | |
| Detailed Description of Change: This product change notification is to inform you about a firmware update for X-600 (2.5" SATA Gen3 SSD) series (SLC) which uses firmware SBR13040 (FW1) . The firmware SBR13056 (FW2) has been improved as follows: <ul style="list-style-type: none"> In the event of a SATA error, the cache is not being flushed to avoid cache-data corruption Routine maintenance updates to ensure long service life of the product line (configuration and support options) <p>Swissbit has completed its internal testing and has qualified the new firmware to ensure full compatibility. We highly recommend to switch to the new firmware revision. The previous firmware (FW1) will still be available for approved customer applications.</p> | | | | | | | | | | |
| 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 Improved reliability for SATA error handling | | | | | | | | | | |
| Products affected: <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th style="width: 15%;">Series</th> <th style="width: 40%;">Current Part Number</th> <th style="width: 45%;">New Part Number</th> </tr> </thead> <tbody> <tr> <td rowspan="2" style="text-align: center;">X-600</td> <td>SFSAdddGQ1AAxT0-t-cc-216-STD</td> <td>SFSAdddGQ1AAxT0-t-cc-226-STD</td> </tr> <tr> <td>SFSAdddGQ1AAxT0-t-cc-216-STC</td> <td>SFSAdddGQ1AAxT0-t-cc-226-STC</td> </tr> </tbody> </table> <p style="font-size: small; margin-top: 5px;">d = drive capacity; x = flash chip qty; t = temperature grade C or I; cc = chip configuration</p> | | | Series | Current Part Number | New Part Number | X-600 | SFSAdddGQ1AAxT0-t-cc-216-STD | SFSAdddGQ1AAxT0-t-cc-226-STD | SFSAdddGQ1AAxT0-t-cc-216-STC | SFSAdddGQ1AAxT0-t-cc-226-STC |
| Series | Current Part Number | New Part Number | | | | | | | | |
| X-600 | SFSAdddGQ1AAxT0-t-cc-216-STD | SFSAdddGQ1AAxT0-t-cc-226-STD | | | | | | | | |
| | SFSAdddGQ1AAxT0-t-cc-216-STC | SFSAdddGQ1AAxT0-t-cc-226-STC | | | | | | | | |
| Implementation date: March 17, 2020 Products with new firmware can be ordered immediately. Products with old firmware remain orderable for approved customer applications unless host system and its behavior does not change (Hardware, Software, Workload, etc.) after initial qualification of the SSD product at customer side. However, it is recommended to switch to the new FW for highest reliability. | | | | | | | | | | |
| Recommended action: Qualify new item with improved FW to ensure highest reliability and lifetime in host system. | | | | | | | | | | |
| 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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Products affected:

| Series | Current Part Number | New Part Number |
|--------|------------------------------|------------------------------|
| X-600 | SFSA008GQ1AA1TO-I-DB-216-STD | SFSA008GQ1AA1TO-I-DB-226-STD |
| | SFSA008GQ1AA1TO-C-DB-216-STD | SFSA008GQ1AA1TO-C-DB-226-STD |
| | SFSA016GQ1AA2TO-I-DB-216-STD | SFSA016GQ1AA2TO-I-DB-226-STD |
| | SFSA016GQ1AA2TO-C-DB-216-STD | SFSA016GQ1AA2TO-C-DB-226-STD |
| | SFSA032GQ1AA4TO-I-DB-216-STD | SFSA032GQ1AA4TO-I-DB-226-STD |
| | SFSA032GQ1AA4TO-C-DB-216-STD | SFSA032GQ1AA4TO-C-DB-226-STD |
| | SFSA032GQ1AA4TO-I-DB-216-STC | SFSA032GQ1AA4TO-I-DB-226-STC |
| | SFSA064GQ1AA4TO-I-QC-216-STD | SFSA064GQ1AA4TO-I-QC-226-STD |
| | SFSA064GQ1AA4TO-C-QC-216-STD | SFSA064GQ1AA4TO-C-QC-226-STD |
| | SFSA064GQ1AA4TO-I-QC-216-STC | SFSA064GQ1AA4TO-I-QC-226-STC |
| | SFSA128GQ1AA4TO-I-NC-216-STD | SFSA128GQ1AA4TO-I-NC-226-STD |
| | SFSA128GQ1AA4TO-I-NC-216-STC | SFSA128GQ1AA4TO-I-NC-226-STC |
| | SFSA128GQ1AA4TO-C-NC-216-STD | SFSA128GQ1AA4TO-C-NC-226-STD |
| | SFSA256GQ1AA8TO-I-NC-216-STD | SFSA256GQ1AA8TO-I-NC-226-STD |
| | SFSA256GQ1AA8TO-C-NC-216-STD | SFSA256GQ1AA8TO-C-NC-226-STD |
| | SFSA256GQ1AA8TO-I-NC-216-STC | SFSA256GQ1AA8TO-I-NC-226-STC |