

# Product Notification Form

<b>PCN #:</b> PCN17-0003	<b>Rev:</b> 1.0	<b>Issue Date:</b> January 4th, 2017												
<b>Type of Change:</b> Design improvement for enhanced drive reliability at high temperature. <input checked="" type="checkbox"/> minor / <input type="checkbox"/> major														
<b>Detailed Description of Change:</b> The Slim SATA SSD X-60s series (MLC) with 30GB up to 480GB and Slim SATA SSD X-600s series (SLC) with 16GB up to 128GB capacity have been improved to address a sporadic drive non-initialization under rare high temperature conditions (>60°C Tcase).  The symptom of non-initialization is temporary at high temperature only and does <u>not</u> lead to any data corruption or loss.  Four signal termination resistors have been added to the printed circuit board (PCB) design, to ensure drive initialization under high operating temperature conditions.														
<b>Quality impact:</b> <input type="checkbox"/> minor / <input type="checkbox"/> major / <input checked="" type="checkbox"/> no														
<b>Reliability impact:</b> <input checked="" type="checkbox"/> minor / <input type="checkbox"/> major / <input type="checkbox"/> no Improved drive initialization sequence for high temperature power-on sequence (>60°C Tcase)														
<b>Products affected:</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th style="width: 30%;">Series</th> <th style="width: 35%;">Part Number</th> <th style="width: 35%;">New Part Number</th> </tr> </thead> <tbody> <tr> <td rowspan="3">Slim SATA SSD X-60s (MLC)</td> <td>SFSAdddGV1AA1T0-t-cc-216-xxx</td> <td rowspan="5">Same, no change</td> </tr> <tr> <td>SFSAdddGV1AA2T0-t-cc-216-xxx</td> </tr> <tr> <td>SFSAdddGV1AA4T0-t-cc-216-xxx</td> </tr> <tr> <td rowspan="2">Slim SATA SSD X-600s (SLC)</td> <td>SFSAdddGV1AA2T0-t-cc-216-xxx</td> </tr> <tr> <td>SFSAdddGV1AA4T0-t-cc-216-xxx</td> </tr> </tbody> </table> <p>d = drive capacity; t = temperature grade C or I; c = chip configuration; x = STD or custom configuration</p>			Series	Part Number	New Part Number	Slim SATA SSD X-60s (MLC)	SFSAdddGV1AA1T0-t-cc-216-xxx	Same, no change	SFSAdddGV1AA2T0-t-cc-216-xxx	SFSAdddGV1AA4T0-t-cc-216-xxx	Slim SATA SSD X-600s (SLC)	SFSAdddGV1AA2T0-t-cc-216-xxx	SFSAdddGV1AA4T0-t-cc-216-xxx	
Series	Part Number	New Part Number												
Slim SATA SSD X-60s (MLC)	SFSAdddGV1AA1T0-t-cc-216-xxx	Same, no change												
	SFSAdddGV1AA2T0-t-cc-216-xxx													
	SFSAdddGV1AA4T0-t-cc-216-xxx													
Slim SATA SSD X-600s (SLC)	SFSAdddGV1AA2T0-t-cc-216-xxx													
	SFSAdddGV1AA4T0-t-cc-216-xxx													
<b>Implementation date:</b> January 4th, 2017														
<b>Forecasted Milestones:</b> The products will be fluently changed to the new revision. The expected switch date is indicated in the below table. Traceability is ensured through batch number.														
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;">Milestone</th> <th style="width: 40%;">Expected switch date</th> </tr> </thead> <tbody> <tr> <td>Qualification samples (all densities)</td> <td>Now, upon request</td> </tr> <tr> <td>Main production parts (all densities)</td> <td>January 2017</td> </tr> </tbody> </table>			Milestone	Expected switch date	Qualification samples (all densities)	Now, upon request	Main production parts (all densities)	January 2017						
Milestone	Expected switch date													
Qualification samples (all densities)	Now, upon request													
Main production parts (all densities)	January 2017													
<b>Recommended Action:</b> no action required														
Should you have any issues with the timeline or content of this change, please contact the representative Swissbit FAE listed below in your area within 20 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.														
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Contact</th> <th style="width: 35%;">Name</th> <th style="width: 35%;">Email</th> </tr> </thead> <tbody> <tr> <td>Application Engineer – EMEA</td> <td>Pablo Dorronsoro</td> <td><a href="mailto:pablo.dorronsoro@swissbit.com">pablo.dorronsoro@swissbit.com</a></td> </tr> <tr> <td>Application Engineer – NA</td> <td>Kristina Arnold</td> <td><a href="mailto:kristina.arnold@swissbit.com">kristina.arnold@swissbit.com</a></td> </tr> <tr> <td>Application Engineer – JP</td> <td>Junji Kaneko</td> <td><a href="mailto:junji.kaneko@swissbit.com">junji.kaneko@swissbit.com</a></td> </tr> </tbody> </table>			Contact	Name	Email	Application Engineer – EMEA	Pablo Dorronsoro	<a href="mailto:pablo.dorronsoro@swissbit.com">pablo.dorronsoro@swissbit.com</a>	Application Engineer – NA	Kristina Arnold	<a href="mailto:kristina.arnold@swissbit.com">kristina.arnold@swissbit.com</a>	Application Engineer – JP	Junji Kaneko	<a href="mailto:junji.kaneko@swissbit.com">junji.kaneko@swissbit.com</a>
Contact	Name	Email												
Application Engineer – EMEA	Pablo Dorronsoro	<a href="mailto:pablo.dorronsoro@swissbit.com">pablo.dorronsoro@swissbit.com</a>												
Application Engineer – NA	Kristina Arnold	<a href="mailto:kristina.arnold@swissbit.com">kristina.arnold@swissbit.com</a>												
Application Engineer – JP	Junji Kaneko	<a href="mailto:junji.kaneko@swissbit.com">junji.kaneko@swissbit.com</a>												

## Product Notification Form

**IMPORTANT NOTE:**

*Swissbit proactively 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.*

**Affected products:**

PN	Description	Series
605279	SFSA030GV1AA1TO-I-LB-216-STD	X-60s (MLC)
605398	SFSA030GV1AA1TO-C-LB-216-STD	X-60s (MLC)
605280	SFSA060GV1AA2TO-I-LB-216-STD	X-60s (MLC)
605399	SFSA060GV1AA2TO-C-LB-216-STD	X-60s (MLC)
605281	SFSA120GV1AA4TO-I-LB-216-STD	X-60s (MLC)
605400	SFSA120GV1AA4TO-C-LB-216-STD	X-60s (MLC)
605282	SFSA240GV1AA4TO-I-HC-216-STD	X-60s (MLC)
605401	SFSA240GV1AA4TO-C-HC-216-STD	X-60s (MLC)
605283	SFSA480GV1AA4TO-I-OC-216-STD	X-60s (MLC)
605402	SFSA480GV1AA4TO-C-OC-216-STD	X-60s (MLC)
605284	SFSA016GV1AA2TO-I-DB-216-STD	X-600s (SLC)
605403	SFSA016GV1AA2TO-C-DB-216-STD	X-600s (SLC)
605661	SFSA016GV1AA2TO-I-DB-216-COR	X-600s (SLC)
605285	SFSA032GV1AA4TO-I-DB-216-STD	X-600s (SLC)
605404	SFSA032GV1AA4TO-C-DB-216-STD	X-600s (SLC)
605286	SFSA064GV1AA4TO-I-QC-216-STD	X-600s (SLC)
605405	SFSA064GV1AA4TO-C-QC-216-STD	X-600s (SLC)
605287	SFSA128GV1AA4TO-I-NC-216-STD	X-600s (SLC)
605406	SFSA128GV1AA4TO-C-NC-216-STD	X-600s (SLC)