

# Product Notification

<b>PCN #:</b> PN_20141205_X-55_FW_STD.doc	<b>Rev:</b> 1.0	<b>Issue Date:</b> January 05, 2015																
<b>Type of Notification/Change:</b> Firmware optimization <input checked="" type="checkbox"/> minor / <input type="checkbox"/> major																		
<b>Detailed description:</b> The new firmware revision contains the following improvements: <ul style="list-style-type: none"> <li>- Security erase hardware input handling (start after max. 1 second assertion, instead of up to 6 seconds)</li> <li>- Performance increase after large area TRIM command</li> <li>- SATA slumber mode handling</li> </ul> <p>The FW revision 2 portfolio is the new Swissbit preferred parts. FW revision 1 will remain available as a build to order article (NCNR) for approved customer host systems.</p>																		
<b>Quality impact:</b> <input type="checkbox"/> minor / <input type="checkbox"/> major / <input checked="" type="checkbox"/> no																		
<b>Reliability impact:</b> <input type="checkbox"/> minor / <input type="checkbox"/> major / <input checked="" type="checkbox"/> no																		
<b>Reason for Change:</b> Product improvement																		
<b>Products affected:</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Series</th> <th style="width: 25%;">Product Description</th> <th style="width: 30%;">Current Part Number</th> <th style="width: 30%;">New Part Number</th> </tr> </thead> <tbody> <tr> <td rowspan="5" style="text-align: center;">X-55</td> <td rowspan="5" style="text-align: center;">SATA SSD 2.5" X-55</td> <td>SFSA030GQxBJ2T0-t-LB-216-xxx</td> <td>SFSA030GQxBJ2T0-t-LB-226-xxx</td> </tr> <tr> <td>SFSA060GQxBJ4T0-t-LB-216-xxx</td> <td>SFSA060GQxBJ4T0-t-LB-226-xxx</td> </tr> <tr> <td>SFSA120GQxBJ8T0-t-LB-216-xxx</td> <td>SFSA120GQxBJ8T0-t-LB-226-xxx</td> </tr> <tr> <td>SFSA240GQxBJ4T0-t-OC-216-xxx</td> <td>SFSA240GQxBJ4T0-t-OC-226-xxx</td> </tr> <tr> <td>SFSA480GQxBJ8T0-t-OC-216-xxx</td> <td>SFSA480GQxBJ8T0-t-OC-226-xxx</td> </tr> </tbody> </table> <p>t = temperature grade C or I; x = options, firmware and custom configuration</p>			Series	Product Description	Current Part Number	New Part Number	X-55	SATA SSD 2.5" X-55	SFSA030GQxBJ2T0-t-LB-216-xxx	SFSA030GQxBJ2T0-t-LB-226-xxx	SFSA060GQxBJ4T0-t-LB-216-xxx	SFSA060GQxBJ4T0-t-LB-226-xxx	SFSA120GQxBJ8T0-t-LB-216-xxx	SFSA120GQxBJ8T0-t-LB-226-xxx	SFSA240GQxBJ4T0-t-OC-216-xxx	SFSA240GQxBJ4T0-t-OC-226-xxx	SFSA480GQxBJ8T0-t-OC-216-xxx	SFSA480GQxBJ8T0-t-OC-226-xxx
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		SFSA480GQxBJ8T0-t-OC-216-xxx	SFSA480GQxBJ8T0-t-OC-226-xxx															
<b>Implementation date:</b> New samples are available																		
<b>Recommended Action:</b> Short compatibility test only. No need of full re-qualification.																		
<b>Reference Documents / Attachments:</b> -																		
<p>Should you have any issues with the timeline or content of this change, please contact the representative Swissbit FAE listed below in our area 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> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Contacts</th> <th style="width: 30%;">Name</th> <th style="width: 40%;">Email</th> </tr> </thead> <tbody> <tr> <td>Application Engineer - EMEA</td> <td>Pablo Dorransoro</td> <td><a href="mailto:pablo.dorransoro@swissbit.com">pablo.dorransoro@swissbit.com</a></td> </tr> <tr> <td>Application Engineer - NA</td> <td>Roland Ochoa</td> <td><a href="mailto:roland.ochoa@swissbit.com">roland.ochoa@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> <p style="text-align: center;"><b>IMPORTANT NOTE:</b></p> <p>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.</p>			Contacts	Name	Email	Application Engineer - EMEA	Pablo Dorransoro	<a href="mailto:pablo.dorransoro@swissbit.com">pablo.dorransoro@swissbit.com</a>	Application Engineer - NA	Roland Ochoa	<a href="mailto:roland.ochoa@swissbit.com">roland.ochoa@swissbit.com</a>	Application Engineer - JP	Junji Kaneko	<a href="mailto:junji.kaneko@swissbit.com">junji.kaneko@swissbit.com</a>				
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## Product Notification

### Products affected:

SAP#	Part number
604435	SFSA030GQ1BJ2T0-I-LB-216-STD
604436	SFSA030GQ1BJ2T0-C-LB-216-STD
604433	SFSA060GQ1BJ4T0-I-LB-216-STD
604434	SFSA060GQ1BJ4T0-C-LB-216-STD
604431	SFSA120GQ1BJ8T0-I-LB-216-STD
604432	SFSA120GQ1BJ8T0-C-LB-216-STD
604429	SFSA240GQ1BJ4T0-I-OC-216-STD
604430	SFSA240GQ1BJ4T0-C-OC-216-STD
604427	SFSA480GQ1BJ8T0-I-OC-216-STD
604428	SFSA480GQ1BJ8T0-C-OC-216-STD