

# Informational Notice

<b>IN #:</b> IN17-0007	<b>Rev:</b> 1.0	<b>Issue Date:</b> January 11th, 2018															
<b>Reason for Notification:</b> New DRAM component revision																	
<p><b>Detailed Description:</b>          This informational notice is to inform you about a DRAM replacement in the M.2 SATA SSD X-60m2 2280 series (MLC) up to 256GB capacity, X-66m2 2280 series (pSLC) up to 128GB capacity and X-600m2 2280 series (SLC) up to 128GB capacity, due to limited supply and DRAM EOL announcement from Nanya.</p> <table border="1"> <thead> <tr> <th>Current DRAM</th> <th>New DRAM</th> </tr> </thead> <tbody> <tr> <td>NT5CB128M16FP-DII</td> <td>NT5CC128M16IP-DII</td> </tr> <tr> <td>Nanya 2Gb DDR3 F-die DRAM, 30nm, BGA</td> <td>Nanya 2Gb DDR3L I-die DRAM, 30nm, BGA</td> </tr> </tbody> </table> <p>No changes in form fit and function. The performance values do not change.          Swissbit has completed its internal testing and has qualified the new DRAM die-revision to ensure full compliance and backward compatibility with the previous die-revision.          Updated FMD data is available upon request.</p>			Current DRAM	New DRAM	NT5CB128M16FP-DII	NT5CC128M16IP-DII	Nanya 2Gb DDR3 F-die DRAM, 30nm, BGA	Nanya 2Gb DDR3L I-die DRAM, 30nm, BGA									
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<p><b>Quality impact:</b>  <input type="checkbox"/> minor / <input type="checkbox"/> major / <input checked="" type="checkbox"/> no</p>																	
<p><b>Reliability impact:</b>  <input type="checkbox"/> minor / <input type="checkbox"/> major / <input checked="" type="checkbox"/> no</p>																	
<p><b>Products affected:</b></p> <table border="1"> <thead> <tr> <th>Series</th> <th>Part Number</th> <th>New Part Number</th> </tr> </thead> <tbody> <tr> <td rowspan="3">M.2 SATA SSD X-60m2 2280 series (MLC) 30GB to 256GB</td> <td>SFSAdddGMgAA1T0-t-cc-516-xxx</td> <td rowspan="9">Same, no change. Traceability via lot code on product label.</td> </tr> <tr> <td>SFSAdddGMgAA2T0-t-cc-516-xxx</td> </tr> <tr> <td>SFSAdddGMgAA4T0-t-cc-616-xxx</td> </tr> <tr> <td rowspan="3">M.2 SATA SSD X-66m2 2280 series (pSLC) 16GB to 128GB</td> <td>SFSAdddGMgAA1T0-t-cc-52P-xxx</td> </tr> <tr> <td>SFSAdddGMgAA2T0-t-cc-52P-xxx</td> </tr> <tr> <td>SFSAdddGMgAA4T0-t-cc-62P-xxx</td> </tr> <tr> <td rowspan="2">M.2 SATA SSD X-600m2 2280 series (SLC) 16GB to 128GB</td> <td>SFSAdddGMgAA2T0-t-cc-516-xxx</td> </tr> <tr> <td>SFSAdddGMgAA4T0-t-cc-616-xxx</td> </tr> </tbody> </table> <p>d = drive capacity; g = generation; t = temperature grade C or I; c = chip configuration; x = STD or custom configuration</p>			Series	Part Number	New Part Number	M.2 SATA SSD X-60m2 2280 series (MLC) 30GB to 256GB	SFSAdddGMgAA1T0-t-cc-516-xxx	Same, no change. Traceability via lot code on product label.	SFSAdddGMgAA2T0-t-cc-516-xxx	SFSAdddGMgAA4T0-t-cc-616-xxx	M.2 SATA SSD X-66m2 2280 series (pSLC) 16GB to 128GB	SFSAdddGMgAA1T0-t-cc-52P-xxx	SFSAdddGMgAA2T0-t-cc-52P-xxx	SFSAdddGMgAA4T0-t-cc-62P-xxx	M.2 SATA SSD X-600m2 2280 series (SLC) 16GB to 128GB	SFSAdddGMgAA2T0-t-cc-516-xxx	SFSAdddGMgAA4T0-t-cc-616-xxx
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<b>Implementation date:</b> Estimated February 2018, floating transition based on stock																	
<b>Recommended action:</b> No action required																	
<p><b>IMPORTANT NOTE:</b>  <i>Swissbit – as a provider of industrial products – announces and informs about changes that will affect the form, fit, function or reliability of our products. We always test backwards compatibility and assure best quality, reliability and transparency for our customers. We apologize for any inconvenience caused.</i></p> <p><i>This Informational Notice is an optional information in accordance with JEDEC J-STD-046.</i></p>																	

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### Products affected:

PN	Description	Series
605329	SFSA030GM1AA1T0-I-LB-516-STD	X-60m2 2280 (MLC)
605407	SFSA030GM1AA1T0-C-LB-516-STD	X-60m2 2280 (MLC)
605330	SFSA060GM1AA2T0-I-LB-516-STD	X-60m2 2280 (MLC)
605408	SFSA060GM1AA2T0-C-LB-516-STD	X-60m2 2280 (MLC)
606035	SFSA060GM3AA2T0-I-LB-516-G30	X-60m2 2280 (MLC)
605331	SFSA120GM1AA4T0-I-LB-616-STD	X-60m2 2280 (MLC)
605409	SFSA120GM1AA4T0-C-LB-616-STD	X-60m2 2280 (MLC)
605995	SFSA120GM3AA4T0-C-LB-616-STD	X-60m2 2280 (MLC)
605898	SFSA120GM3AA4T0-I-LB-616-G30	X-60m2 2280 (MLC)
606087	SFSA120GM3AA4T0-I-LB-616-STD	X-60m2 2280 (MLC)
606174	SFSA128GM3AA4T0-C-LB-616-EXT	X-60m2 2280 (MLC)
605332	SFSA240GM1AA4T0-I-HC-616-STD	X-60m2 2280 (MLC)
605410	SFSA240GM1AA4T0-C-HC-616-STD	X-60m2 2280 (MLC)
605994	SFSA240GM3AA4T0-C-HC-616-STD	X-60m2 2280 (MLC)
605899	SFSA240GM3AA4T0-I-HC-616-G30	X-60m2 2280 (MLC)
606086	SFSA240GM3AA4T0-I-HC-616-STD	X-60m2 2280 (MLC)
606363	SFSA256GM1AA4T0-C-HC-616-EXT	X-60m2 2280 (MLC)
606247	SFSA016GM3AA1T0-I-LB-52P-STD	X-66m2 2280 (pSLC)
606248	SFSA016GM3AA1T0-C-LB-52P-STD	X-66m2 2280 (pSLC)
606249	SFSA030GM3AA2T0-I-LB-52P-STD	X-66m2 2280 (pSLC)
606250	SFSA030GM3AA2T0-C-LB-52P-STD	X-66m2 2280 (pSLC)
606251	SFSA060GM3AA4T0-I-LB-62P-STD	X-66m2 2280 (pSLC)
606252	SFSA060GM3AA4T0-C-LB-62P-STD	X-66m2 2280 (pSLC)
606253	SFSA120GM3AA4T0-I-HC-62P-STD	X-66m2 2280 (pSLC)
606254	SFSA120GM3AA4T0-C-HC-62P-STD	X-66m2 2280 (pSLC)
605334	SFSA016GM1AA2T0-I-DB-516-STD	X-600m2 2280 (SLC)
605412	SFSA016GM1AA2T0-C-DB-516-STD	X-600m2 2280 (SLC)
605335	SFSA032GM1AA4T0-I-DB-616-STD	X-600m2 2280 (SLC)
605413	SFSA032GM1AA4T0-C-DB-616-STD	X-600m2 2280 (SLC)
605336	SFSA064GM1AA4T0-I-QC-616-STD	X-600m2 2280 (SLC)
605414	SFSA064GM1AA4T0-C-QC-616-STD	X-600m2 2280 (SLC)
605337	SFSA128GM1AA4T0-I-NC-616-STD	X-600m2 2280 (SLC)
605415	SFSA128GM1AA4T0-C-NC-616-STD	X-600m2 2280 (SLC)