

Informational Notice

IN #: IN19-0011	Rev: 1.0	Issue Date: October 23, 2019										
Reason for Notification: New DRAM component revision												
<p>Detailed Description: This informational notice is to inform you about a DRAM replacement in the 2.5" X-60 series (MLC) with 480GB to 960GB capacity and X-66 series (pSLC) with 240GB to 480GB capacity due to limited supply and DRAM EOL announcement from Nanya.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Current DRAM</th> <th style="width: 50%;">New DRAM</th> </tr> </thead> <tbody> <tr> <td>NT5CC256M16DP-DII</td> <td>NT5CC256M16ER-EKI</td> </tr> <tr> <td>Nanya 4Gb DDR3 D-die DRAM, 30nm, BGA</td> <td>Nanya 4Gb DDR3L E-die DRAM, 20nm, 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	NT5CC256M16DP-DII	NT5CC256M16ER-EKI	Nanya 4Gb DDR3 D-die DRAM, 30nm, BGA	Nanya 4Gb DDR3L E-die DRAM, 20nm, BGA				
Current DRAM	New DRAM											
NT5CC256M16DP-DII	NT5CC256M16ER-EKI											
Nanya 4Gb DDR3 D-die DRAM, 30nm, BGA	Nanya 4Gb DDR3L E-die DRAM, 20nm, BGA											
<p>Quality impact: <input type="checkbox"/> minor / <input type="checkbox"/> major / <input checked="" type="checkbox"/> no</p>												
<p>Reliability impact: <input type="checkbox"/> minor / <input type="checkbox"/> major / <input checked="" type="checkbox"/> no</p>												
<p>Products affected:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;">Series</th> <th style="width: 33%;">Part Number</th> <th style="width: 33%;">New Part Number</th> </tr> </thead> <tbody> <tr> <td rowspan="2" style="text-align: center;">2.5" SSD X-60 series (MLC) 480GB to 960GB</td> <td>SFSAdddGQ1AA4T0-t-0C-2f6-xxx</td> <td rowspan="4" style="text-align: center; vertical-align: middle;">Same, no change. Traceability via lot code on product label.</td> </tr> <tr> <td>SFSAdddGQ1AA8T0-t-0C-2f6-xxx</td> </tr> <tr> <td rowspan="2" style="text-align: center;">2.5" SSD X-66 series (pSLC) 240GB to 480GB</td> <td>SFSAdddGQ1AA4T0-t-0C-22P-xxx</td> </tr> <tr> <td>SFSAdddGQ1AA8T0-t-0C-22P-xxx</td> </tr> </tbody> </table> <p>d = drive capacity; t = temperature grade C or I; f = firmware version; x = STD or custom configuration</p>			Series	Part Number	New Part Number	2.5" SSD X-60 series (MLC) 480GB to 960GB	SFSAdddGQ1AA4T0-t-0C-2f6-xxx	Same, no change. Traceability via lot code on product label.	SFSAdddGQ1AA8T0-t-0C-2f6-xxx	2.5" SSD X-66 series (pSLC) 240GB to 480GB	SFSAdddGQ1AA4T0-t-0C-22P-xxx	SFSAdddGQ1AA8T0-t-0C-22P-xxx
Series	Part Number	New Part Number										
2.5" SSD X-60 series (MLC) 480GB to 960GB	SFSAdddGQ1AA4T0-t-0C-2f6-xxx	Same, no change. Traceability via lot code on product label.										
	SFSAdddGQ1AA8T0-t-0C-2f6-xxx											
2.5" SSD X-66 series (pSLC) 240GB to 480GB	SFSAdddGQ1AA4T0-t-0C-22P-xxx											
	SFSAdddGQ1AA8T0-t-0C-22P-xxx											
Implementation date: Estimated December 2019, floating transition based on stock												
Recommended action: No action required												
<p>IMPORTANT NOTE: <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:

ERP#	Description	Series
605963	SFSA480GQ1AA4TO-C-OC-216-STD	X-60 (MLC)
605962	SFSA480GQ1AA4TO-I-OC-216-STD	X-60 (MLC)
606933	SFSA480GQ1AA4TO-C-OC-216-RIB	X-60 (MLC)
606349	SFSA512GQ1AA4TO-I-OC-216-EXT	X-60 (MLC)
606553	SFSA480GQ1AA4TO-C-OC-226-STD	X-60 (MLC)
606552	SFSA480GQ1AA4TO-I-OC-226-STD	X-60 (MLC)
607050	SFSA480GQ1AA4TO-C-OC-226-EA1	X-60 (MLC)
607040	SFSA480GQ1AA4TO-I-OC-226-WAB	X-60 (MLC)
606554	SFSA512GQ1AA4TO-I-OC-226-EXT	X-60 (MLC)
605965	SFSA960GQ1AA8TO-C-OC-216-STD	X-60 (MLC)
605964	SFSA960GQ1AA8TO-I-OC-216-STD	X-60 (MLC)
606355	SFSA960GQ1AA8TO-C-OC-216-EA1	X-60 (MLC)
606184	SFSA240GQ1AA4TO-C-OC-22P-STD	X-66 (pSLC)
606183	SFSA240GQ1AA4TO-I-OC-22P-STD	X-66 (pSLC)
606463	SFSA240GQ1AA4TO-I-OC-22P-STC	X-66 (pSLC)
606410	SFSA480GQ1AA8TO-C-OC-22P-STD	X-66 (pSLC)
606411	SFSA480GQ1AA8TO-I-OC-22P-STD	X-66 (pSLC)