

Informational Notice

IN #: IN19-0013	Rev: 1.0	Issue Date: December 6, 2019								
Reason for Notification: New DRAM component revision										
<p>Detailed Description: This informational notice is to inform you about a DRAM replacement in all X-6x series with a capacity up to 256GB (raw density) which utilize the Nanya DDR3 I-die DRAM component, 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>NT5CC128M16IP-DII</td> <td>NT5CC128M16JR-EKI</td> </tr> <tr> <td>Nanya 2Gb DDR3 I-die DRAM, 30nm, BGA</td> <td>Nanya 2Gb DDR3L J-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	NT5CC128M16IP-DII	NT5CC128M16JR-EKI	Nanya 2Gb DDR3 I-die DRAM, 30nm, BGA	Nanya 2Gb DDR3L J-die DRAM, 20nm, BGA		
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<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"> <thead> <tr> <th>Series</th> <th>Part Number</th> <th>New Part Number</th> </tr> </thead> <tbody> <tr> <td>2.5" SSD X-6x series up to 256GB raw density m.2 2242/2260/2280 X-6xm2 series up to 256GB raw density mSATA X-6xm series up to 256GB raw density SlimSATA X-6xs series up to 256GB raw density</td> <td>SFSA*</td> <td rowspan="2">Same, no change. Traceability via lot code on product label.</td> </tr> <tr> <td>CFast F-6x series up to 256GB raw density</td> <td>SFCA*</td> </tr> </tbody> </table>			Series	Part Number	New Part Number	2.5" SSD X-6x series up to 256GB raw density m.2 2242/2260/2280 X-6xm2 series up to 256GB raw density mSATA X-6xm series up to 256GB raw density SlimSATA X-6xs series up to 256GB raw density	SFSA*	Same, no change. Traceability via lot code on product label.	CFast F-6x series up to 256GB raw density	SFCA*
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Implementation date: Estimated March 2020, floating transition based on stock										
Recommended action: No action required										
<p style="text-align: center;">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 style="text-align: center;"><i>This Informational Notice is an optional information in accordance with JEDEC J-STD-046.</i></p>										