Informational Notice

IN #: IN17-0008	Rev: 1.0	Issue Date: January 11th, 2018

Reason for Notification: New DRAM component revision

Detailed Description:

This informational notice is to inform you about a DRAM replacement in the SlimSATA SSD X-60s series (MLC) up to 256GB capacity, X-66s series (pSLC) up to 128GB capacity and X-600s series (SLC) up to 128GB capacity, due to limited supply and DRAM EOL announcement from Nanya.

Current DRAM	New DRAM
NT5CB128M16FP-DII	NT5CC128M16IP-DII
Nanya 2Gb DDR3 F-die DRAM, 30nm, BGA	Nanya 2Gb DDR3L I-die DRAM, 30nm, BGA

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.

Quality impact:
☐ minor / ☐ major / ☒ no

Reliability impact:
☐ minor / ☐ major / ☒ no

Products affected:

Series	Part Number	New Part Number
SlimSATA SSD X-60s series (MLC) 30GB to 256GB	SFSAdddGVgAA1T0-t-cc-216-xxx	Same, no change. Traceability via lot code on product label.
	SFSAdddGVgAA2T0-t-cc-216-xxx	
	SFSAdddGVgAA2T0-t-cc-226-xxx	
	SFSAdddGVgAA4T0-t-cc-216-xxx	
SlimSATA SSD X-66s series (pSLC) 16GB to 128GB	SFSAdddGVgAA1T0-t-cc-22P-xxx	
	SFSAdddGVgAA2T0-t-cc-22P-xxx	
	SFSAdddGVgAA4T0-t-cc-22P-xxx	
SlimSATA SSD X-600s series (SLC) 16GB to 128GB	SFSAdddGVgAA2T0-t-cc-216-xxx	
	SFSAdddGVgAA4T0-t-cc-216-xxx	

d = drive capacity; g = generation; t = temperature grade C or I; c = chip configuration; x = STD or custom configuration

Implementation date: Estimated February 2018, floating transition based on stock

Recommended action: No action required

IMPORTANT NOTE:

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.

This Informational Notice is an optional information in accordance with JEDEC J-STD-046.

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Products affected:

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)
606033	SFSA060GV3AA2TO-C-LB-216-STD	X-60s (MLC)
606083	SFSA064GV3AA2TO-C-LB-226-SG1	X-60s (MLC)
605281	SFSA120GV1AA4TO-I-LB-216-STD	X-60s (MLC)
605400	SFSA120GV1AA4TO-C-LB-216-STD	X-60s (MLC)
606359	SFSA128GV3AA4TO-C-LB-226-SG1	X-60s (MLC)
605282	SFSA240GV1AA4TO-I-HC-216-STD	X-60s (MLC)
605401	SFSA240GV1AA4TO-C-HC-216-STD	X-60s (MLC)
606219	SFSA016GV3AA1TO-I-LB-22P-STD	X-66s (pSLC)
606220	SFSA016GV3AA1TO-C-LB-22P-STD	X-66s (pSLC)
606221	SFSA030GV3AA2TO-I-LB-22P-STD	X-66s (pSLC)
606222	SFSA030GV3AA2TO-C-LB-22P-STD	X-66s (pSLC)
606223	SFSA060GV3AA4TO-I-LB-22P-STD	X-66s (pSLC)
606224	SFSA060GV3AA4TO-C-LB-22P-STD	X-66s (pSLC)
606225	SFSA120GV3AA4TO-I-HC-22P-STD	X-66s (pSLC)
606226	SFSA120GV3AA4TO-C-HC-22P-STD	X-66s (pSLC)
605284	SFSA016GV1AA2TO-I-DB-216-STD	X-600s (SLC)
606088	SFSA016GV3AA2TO-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)
606108	SFSA016GV3AA2TO-I-DB-216-HU1	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)