

Informational Notice

IN #: IN17-0002	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 CFast™ Card F-60 series (MLC), F-66 series (pSLC) and F-600 series (SLC) due to limited supply and DRAM EOL announcement from Nanya.														
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Current DRAM</th> <th style="width: 50%;">New DRAM</th> </tr> <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> </table>			Current DRAM	New DRAM	NT5CB128M16FP-DII	NT5CC128M16IP-DII	Nanya 2Gb DDR3 F-die DRAM, 30nm, BGA	Nanya 2Gb DDR3L I-die DRAM, 30nm, BGA						
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: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Series</th> <th style="width: 30%;">Part Number</th> <th style="width: 40%;">New Part Number</th> </tr> </thead> <tbody> <tr> <td rowspan="2">CFast™ Card F-60 series (MLC)</td> <td>SFCAdddGHgAA1T0-t-cc-216-xxx</td> <td rowspan="6" style="text-align: center; vertical-align: middle;"> Same, no change. Traceability via lot code on product label. </td> </tr> <tr> <td>SFCAdddGHgAA2T0-t-cc-216-xxx</td> </tr> <tr> <td>CFast™ Card F-66 series (pSLC)</td> <td>SFCAdddGHgAA2T0-t-cc-22P-xxx</td> </tr> <tr> <td rowspan="2">CFast™ Card F-600 series (SLC)</td> <td>SFCAdddGHgAA1T0-t-cc-216-xxx</td> </tr> <tr> <td>SFCAdddGHgAA2T0-t-cc-216-xxx</td> </tr> </tbody> </table>			Series	Part Number	New Part Number	CFast™ Card F-60 series (MLC)	SFCAdddGHgAA1T0-t-cc-216-xxx	Same, no change. Traceability via lot code on product label.	SFCAdddGHgAA2T0-t-cc-216-xxx	CFast™ Card F-66 series (pSLC)	SFCAdddGHgAA2T0-t-cc-22P-xxx	CFast™ Card F-600 series (SLC)	SFCAdddGHgAA1T0-t-cc-216-xxx	SFCAdddGHgAA2T0-t-cc-216-xxx
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CFast™ Card F-600 series (SLC)	SFCAdddGHgAA1T0-t-cc-216-xxx													
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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: <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> <i>This Informational Notice is an optional information in accordance with JEDEC J-STD-046.</i>														

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Products affected:

PN	Description	Series
605225	SFCA008GH1AA1T0-I-GS-216-STD	F-60 (MLC)
605389	SFCA008GH1AA1T0-C-GS-216-STD	F-60 (MLC)
605255	SFCA016GH1AA2T0-I-GS-216-STD	F-60 (MLC)
605390	SFCA016GH1AA2T0-C-GS-216-STD	F-60 (MLC)
605227	SFCA030GH1AA2T0-I-GS-216-STD	F-60 (MLC)
605391	SFCA030GH1AA2T0-C-GS-216-STD	F-60 (MLC)
606065	SFCA030GH1AA2T0-I-GS-216-IPC	F-60 (MLC)
606039	SFCA030GH3AA2T0-C-GS-216-CGA	F-60 (MLC)
605228	SFCA060GH1AA2T0-I-LB-216-STD	F-60 (MLC)
605386	SFCA060GH1AA2T0-C-LB-216-STD	F-60 (MLC)
605621	SFCA060GH1AA2T0-I-LB-216-DL1	F-60 (MLC)
606173	SFCA060GH1AA2T0-I-LB-216-IPC	F-60 (MLC)
605229	SFCA120GH1AA2T0-I-HC-216-STD	F-60 (MLC)
605387	SFCA120GH1AA2T0-C-HC-216-STD	F-60 (MLC)
605230	SFCA240GH1AA2T0-I-OC-216-STD	F-60 (MLC)
605388	SFCA240GH1AA2T0-C-OC-216-STD	F-60 (MLC)
605804	SFCA240GH1AA2T0-I-OC-216-DL1	F-60 (MLC)
606189	SFCA016GH3AA2T0-I-GS-22P-STD	F-66 (pSLC)
606190	SFCA016GH3AA2T0-C-GS-22P-STD	F-66 (pSLC)
606191	SFCA030GH3AA2T0-I-LB-22P-STD	F-66 (pSLC)
606192	SFCA030GH3AA2T0-C-LB-22P-STD	F-66 (pSLC)
606193	SFCA060GH3AA2T0-I-HC-22P-STD	F-66 (pSLC)
606194	SFCA060GH3AA2T0-C-HC-22P-STD	F-66 (pSLC)
606195	SFCA120GH3AA2T0-I-OC-22P-STD	F-66 (pSLC)
606196	SFCA120GH3AA2T0-C-OC-22P-STD	F-66 (pSLC)
605290	SFCA008GH1AA1T0-I-DB-216-STD	F-600 (SLC)
605392	SFCA008GH1AA1T0-C-DB-216-STD	F-600 (SLC)
605978	SFCA008GH1AA1T0-I-DB-216-INT	F-600 (SLC)
605291	SFCA016GH1AA2T0-I-DB-216-STD	F-600 (SLC)
605393	SFCA016GH1AA2T0-C-DB-216-STD	F-600 (SLC)
605979	SFCA016GH1AA2T0-I-DB-216-INT	F-600 (SLC)
605293	SFCA032GH1AA2T0-I-QC-216-STD	F-600 (SLC)
605394	SFCA032GH1AA2T0-C-QC-216-STD	F-600 (SLC)
605980	SFCA032GH1AA2T0-I-QC-216-INT	F-600 (SLC)
605294	SFCA064GH1AA2T0-I-NC-216-STD	F-600 (SLC)
605395	SFCA064GH1AA2T0-C-NC-216-STD	F-600 (SLC)
605981	SFCA064GH1AA2T0-I-NC-216-INT	F-600 (SLC)