

Product Change Notification – Major change

PCN #: PCN24-0012	Rev: 1.0	Issue Date: April 25, 2024																												
Purpose of notification: Firmware update for F-800 Series CFast Cards Type of notification: Major change																														
Detailed Description: Firmware update: This product change notification is to inform you about a new recommended firmware availability for the F-800 product, which uses AOR30003 (FW1) . The firmware AOR30005 (FW2) has been improved as follows: - Improved command handling (TRIM, NCQ, COMRESET, SLEEP, DevSleep, SRST, secure erase, download microcode) - Improved card boot behaviour to avoid seldom card detection problems - Improved compatibility for hosts which send DMA commands if no DMA mode is selected - Improved security feature set compatibility - Improved host compatibility when SEEK or TRANSLATE commands are used. - Improved SATA log page reporting for device sleep feature support and error reporting for NCQ commands - Improved life time information for trim command counts - Added slumber disable Bit to disable partial and slumber power modes if firmware feature bit 7 is set. Swissbit has completed its internal testing and has qualified the new firmware to ensure full compatibility. We recommend switching to the new firmware revision as soon as possible. There is no change to form fit or function. Performance does not change and the data sheets remain unchanged.																														
Quality impact: Improved																														
Reliability impact: Improved																														
Product series affected: <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th style="width: 20%;">Series</th> <th style="width: 40%;">Part Number</th> <th style="width: 40%;">New Part Number</th> </tr> </thead> <tbody> <tr> <td rowspan="14" style="text-align: center; vertical-align: middle;">F-800</td> <td>SFCA2048H1A04T0-C-MA-216-STD</td> <td>SFCA2048H1A04T0-C-MA-226-STD</td> </tr> <tr> <td>SFCA2048H1A04T0-I-MA-216-STD</td> <td>SFCA2048H1A04T0-I-MA-226-STD</td> </tr> <tr> <td>SFCA004GH1A04T0-C-DA-216-STD</td> <td>SFCA004GH1A04T0-C-DA-226-STD</td> </tr> <tr> <td>SFCA004GH1A04T0-I-DA-216-STD</td> <td>SFCA004GH1A04T0-I-DA-226-STD</td> </tr> <tr> <td>SFCA008GH1A01T0-C-DB-216-STD</td> <td>SFCA008GH1A01T0-C-DB-226-STD</td> </tr> <tr> <td>SFCA008GH1A01T0-I-DB-216-STD</td> <td>SFCA008GH1A01T0-I-DB-226-STD</td> </tr> <tr> <td>SFCA016GH1A01T0-C-QC-216-STD</td> <td>SFCA016GH1A01T0-C-QC-226-STD</td> </tr> <tr> <td>SFCA016GH1A01T0-I-QC-216-STD</td> <td>SFCA016GH1A01T0-I-QC-226-STD</td> </tr> <tr> <td>SFCA032GH1A02T0-C-QC-216-STD</td> <td>SFCA032GH1A02T0-C-QC-226-STD</td> </tr> <tr> <td>SFCA032GH1A02T0-I-QC-216-STD</td> <td>SFCA032GH1A02T0-I-QC-226-STD</td> </tr> <tr> <td>SFCA064GH1A04T0-C-QC-216-STD</td> <td>SFCA064GH1A04T0-C-QC-226-STD</td> </tr> <tr> <td>SFCA064GH1A04T0-I-QC-216-STD</td> <td>SFCA064GH1A04T0-I-QC-226-STD</td> </tr> </tbody> </table>			Series	Part Number	New Part Number	F-800	SFCA2048H1A04T0-C-MA-216-STD	SFCA2048H1A04T0-C-MA-226-STD	SFCA2048H1A04T0-I-MA-216-STD	SFCA2048H1A04T0-I-MA-226-STD	SFCA004GH1A04T0-C-DA-216-STD	SFCA004GH1A04T0-C-DA-226-STD	SFCA004GH1A04T0-I-DA-216-STD	SFCA004GH1A04T0-I-DA-226-STD	SFCA008GH1A01T0-C-DB-216-STD	SFCA008GH1A01T0-C-DB-226-STD	SFCA008GH1A01T0-I-DB-216-STD	SFCA008GH1A01T0-I-DB-226-STD	SFCA016GH1A01T0-C-QC-216-STD	SFCA016GH1A01T0-C-QC-226-STD	SFCA016GH1A01T0-I-QC-216-STD	SFCA016GH1A01T0-I-QC-226-STD	SFCA032GH1A02T0-C-QC-216-STD	SFCA032GH1A02T0-C-QC-226-STD	SFCA032GH1A02T0-I-QC-216-STD	SFCA032GH1A02T0-I-QC-226-STD	SFCA064GH1A04T0-C-QC-216-STD	SFCA064GH1A04T0-C-QC-226-STD	SFCA064GH1A04T0-I-QC-216-STD	SFCA064GH1A04T0-I-QC-226-STD
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	Implementation date: April 2024																													
	Recommended action: Qualification of products with the new firmware in the target system/application. Please contact your local Swissbit Sales contact for support on the sample schedule and/or special agreements.																													

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Should you have any questions or concerns with the content of this change, please contact the Swissbit PCN team at customer.pcn@swissbit.com within 30 days. No response will be deemed as customer's acceptance of the change and the change will be implemented pursuant to the implementation date set forth in this PCN.

IMPORTANT NOTE:

Swissbit – as a provider of industrial products – announces and informs about every change in the product hardware and firmware. We always test backwards compatibility and assure best quality, reliability and transparency for our customers. We apologize for any inconvenience caused.

The dates mentioned are subject to change based on business and operational conditions.

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Products affected:

Series	ERP#	Part Number	New ERP#	New Part Number
F-800	607688	SFCA2048H1A04T0-C-MA-216-STD	609641	SFCA2048H1A04T0-C-MA-226-STD
	607689	SFCA2048H1A04T0-I-MA-216-STD	609642	SFCA2048H1A04T0-I-MA-226-STD
	607691	SFCA004GH1A04T0-C-DA-216-STD	609631	SFCA004GH1A04T0-C-DA-226-STD
	607692	SFCA004GH1A04T0-I-DA-216-STD	609632	SFCA004GH1A04T0-I-DA-226-STD
	607694	SFCA008GH1A01T0-C-DB-216-STD	609633	SFCA008GH1A01T0-C-DB-226-STD
	607695	SFCA008GH1A01T0-I-DB-216-STD	609634	SFCA008GH1A01T0-I-DB-226-STD
	607697	SFCA016GH1A01T0-C-QC-216-STD	609635	SFCA016GH1A01T0-C-QC-226-STD
	607698	SFCA016GH1A01T0-I-QC-216-STD	609636	SFCA016GH1A01T0-I-QC-226-STD
	607700	SFCA032GH1A02T0-C-QC-216-STD	609637	SFCA032GH1A02T0-C-QC-226-STD
	607701	SFCA032GH1A02T0-I-QC-216-STD	609638	SFCA032GH1A02T0-I-QC-226-STD
	607703	SFCA064GH1A04T0-C-QC-216-STD	609639	SFCA064GH1A04T0-C-QC-226-STD
	607704	SFCA064GH1A04T0-I-QC-216-STD	609640	SFCA064GH1A04T0-I-QC-226-STD