Product Change Notification – Minor change

PCN #: PCN21-0039	Rev: 1.0	Issue Date: August 10, 2021

Purpose of notification:	New marking process
Type of notification:	Minor change, for informational notice only

Detailed Description:

To ensure highest flexibility and also offer new possibilities in product marking design as well as increase the production throughput, a new product marking technology was carefully evaluated. The tool based and therefor unflexible pad print process will be replaced by using digital printing, that offers highest flexibility and maximum bandwith by keeping best readability, robustness and resistance of the print.

This change has been thoroughly evaluated to ensure that there are no quality, reliability or functional implications to our customers.

Swissbit is not recommending additional qualification of these changes on platforms received from Swissbit.

There is no change to form fit or function, nor a change to Swissbit part numbers.

Based on availability, the smooth transition to the new marking technologies will begin.

Quality impact:	No impact

Reliability impact:	No impact

Product series affected:

Series	Part Number	New Part Number
S-250u	SFSDddddNgBN1WI-t-xx-xxx-zzz	No change, traceability over lot code
S-450u	SFSDddddNgBM1T0-t-xx-xxx-zzz	
	SFSDddddNgBM1MT-t-xx-xxx-zzz	
PS-450u	SFSDddddNgPM1T0-t-xx-xxx-zzz	
	SFSDddddNgPM1MT-t-xx-xxx-zzz	
S-455u	SFSDddddNgBM1T0-t-xx-xxx-zzz	
	SFSDddddNgBM1MT-t-xx-xxx-zzz	
S-45u	SFSDddddNgBM1T0-t-xx-xxx-zzz	
	SFSDddddNgBM1MT-t-xx-xxx-zzz	
PS-45u	SFSDddddNgPM1T0-t-xx-xxx-zzz	
S-46u	SFSDddddNgBM1T0-t-xx-xxx-zzz	
	SFSDddddNgBM1MT-t-xx-xxx-zzz	
S-50u	SFSDddddNgAM1T0-t-xx-xxx-zzz	
S-56u	SFSDddddNgAM1T0-t-xx-xxx-zzz	

d = drive capacity; g = generation, t = temperature grade E or I; x = configuration and options; z = standard or customer specific

Implementation date:	Estimated September 2021, floating transition based on stock

Recommended action:	No action required

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<table>
<tr><td>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.

This Minor Change PCN serves as an informational notice and is an optional information in accordance with JEDEC J-STD-046.</td></tr>
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Products affected:

Series	Part Number	New Part Number
S-250u	SFSD0512N1BN1WI-E-ME-111-xxx	
	SFSD0512N1BN1WI-I-ME-111-xxx	
	SFSD0512N1BN1WI-E-ME-113-xxx	
	SFSD1024N1BN1WI-E-DE-111-xxx	
	SFSD1024N1BN1WI-I-DE-111-xxx	
	SFSD1024N1BN1WI-E-DE-113-xxx	
	SFSD2048N1BN1WI-E-QF-111-xxx	
	SFSD2048N1BN1WI-I-QF-111-xxx	
S-450u	SFSD0512N1BM1T0-E-ME-221-xxx	
	SFSD0512N1BM1T0-I-ME-221-xxx	
	SFSD1024N1BM1T0-E-DF-221-xxx	
	SFSD1024N1BM1T0-I-DF-221-xxx	
	SFSD2048N1BM1MT-E-ME-221-xxx	
	SFSD2048N1BM1MT-I-ME-221-xxx	
	SFSD4096N1BM1MT-E-DF-221-xxx	
	SFSD4096N1BM1MT-I-DF-221-xxx	
	SFSD8192N1BM1MT-E-QG-221-xxx	
	SFSD8192N1BM1MT-I-QG-221-xxx	
PS-450u	SFSD0512N1PM1T0-E-ME-020-xxx	No change, traceability over lot code
	SFSD0512N1PM1T0-I-ME-020-xxx	
	SFSD0512N1PM1T0-E-ME-111-xxx	
	SFSD0512N1PM1T0-E-ME-911-xxx	
	SFSD0512N1PM1T0-E-ME-921-xxx	
	SFSD0512N1PM1T0-E-ME-921-xxx	
	SFSD0512N1PM1T0-I-ME-031-xxx	
	SFSD1024N1PM1T0-E-DF-020-xxx	
	SFSD1024N1PM1T0-I-DF-020-xxx	
	SFSD1024N1PM1T0-E-DF-131-xxx	
	SFSD1024N1PM1T0-E-DF-911-xxx	
	SFSD1024N1PM1T0-E-DF-921-xxx	
	SFSD1024N1PM1T0-E-DF-931-xxx	
	SFSD2048N1PM1MT-E-ME-020-xxx	
	SFSD2048N1PM1MT-I-ME-020-xxx	
	SFSD2048N1PM1T0-E-DF-311-xxx	
	SFSD2048N1PM1T0-E-DF-811-xxx	
	SFSD2048N1PM1T0-E-QG-411-xxx	
	SFSD2048N1PM1T0-E-QG-911-xxx	
	SFSD2048N1PM1T0-E-QG-921-xxx	
	SFSD2048N1PM1T0-E-QG-921-xxx	
	SFSD8192N1PM1MT-I-QG-020-xxx	

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S-455u	SFSD0512N1BM1T0-E-ME-2A1-xxx SFSD0512N1BM1T0-I-ME-2A1-xxx SFSD1024N1BM1T0-E-DF-2A1-xxx SFSD1024N1BM1T0-I-DF-2A1-xxx SFSD2048N1BM1MT-E-ME-2A1-xxx SFSD2048N1BM1MT-I-ME-2A1-xxx SFSD4096N1BM1MT-E-DF-2A1-xxx SFSD4096N1BM1MT-I-DF-2A1-xxx SFSD8192N1BM1MT-E-QG-2A1-xxx SFSD8192N1BM1MT-I-QG-2A1-xxx	No change, traceability over lot code
S-45u	SFSD4096N3BM1T0-E-GE-2B1-xxx SFSD4096N3BM1T0-I-GE-2B1-xxx SFSD4096N3BM1T0-E-GE-2D1-xxx SFSD4096N3BM1T0-I-GE-2D1-xxx SFSD8192N3BM1T0-E-GE-2B1-xxx SFSD8192N3BM1T0-I-GE-2B1-xxx SFSD8192N3BM1T0-E-GE-2D1-xxx SFSD8192N3BM1T0-I-GE-2D1-xxx SFSD016GN3BM1T0-E-LF-2B1-xxx SFSD016GN3BM1T0-I-LF-2B1-xxx SFSD016GN3BM1T0-E-LF-2D1-xxx SFSD016GN3BM1T0-I-LF-2D1-xxx SFSD016GN4BM1MT-E-1E-2E1-xxx SFSD016GN4BM1MT-I-1E-2E1-xxx SFSD032GN3BM1T0-E-HG-2B1-xxx SFSD032GN3BM1T0-I-HG-2B1-xxx SFSD032GN3BM1T0-E-HG-2D1-xxx SFSD032GN3BM1T0-I-HG-2D1-xxx SFSD032GN4BM1MT-E-2F-2E1-xxx SFSD032GN4BM1MT-I-2F-2E1-xxx SFSD064GN4BM1MT-E-3F-2E1-xxx SFSD064GN4BM1MT-I-3F-2E1-xxx SFSD128GN4BM1MT-E-4G-2E1-xxx SFSD128GN4BM1MT-I-4G-2E1-xxx	

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PS-45u	SFSD4096N3PM1T0-E-GE-411-xxx SFSD8192N3PM1T0-E-GE-020-xxx SFSD8192N3PM1T0-I-GE-020-xxx SFSD8192N3PM1T0-E-GE-031-xxx SFSD8192N3PM1T0-I-GE-031-xxx SFSD8192N3PM1T0-E-LF-C31-xxx SFSD8192N3PM1T0-E-LF-C32-xxx SFSD8192N3PM1T0-E-LF-111-xxx SFSD8192N3PM1T0-E-LF-131-xxx SFSD8192N3PM1T0-E-LF-151-xxx SFSD8192N3PS1T0-I-LF-611-xxx SFSD8192N3PM1T0-E-LF-911-xxx SFSD8192N3PM1T0-E-LF-921-xxx SFSD8192N3PM1T0-E-LF-932-xxx SFSD8192N3PM1T0-E-LF-951-xxx SFSD016GN3PM1T0-I-LF-010-xxx SFSD016GN3PM1T0-E-LF-020-xxx SFSD016GN3PM1T0-I-LF-020-xxx SFSD016GN3PM1T0-E-HF-111-xxx SFSD016GN3PM1T0-E-HF-911-xxx SFSD016GN3PM1T0-E-HF-921-xxx SFSD032GN3PM1T0-E-HG-000-xxx SFSD032GN3PM1T0-I-HG-010-xxx SFSD032GN3PM1T0-E-HG-020-xxx SFSD032GN3PM1T0-I-HG-020-xxx	No change, traceability over lot code
S-46u	SFSD2048N3BM1T0-E-GE-2CP-xxx SFSD2048N3BM1T0-I-GE-2CP-xxx SFSD2048N3BM1T0-E-GE-2DP-xxx SFSD2048N3BM1T0-I-GE-2DP-xxx SFSD4096N3BM1T0-E-GE-2CP-xxx SFSD4096N3BM1T0-I-GE-2CP-xxx SFSD4096N3BM1T0-E-GE-2DP-xxx SFSD4096N3BM1T0-I-GE-2DP-xxx SFSD8192N3BM1T0-E-LF-2CP-xxx SFSD8192N3BM1T0-I-LF-2CP-xxx SFSD8192N3BM1T0-E-LF-2DP-xxx SFSD8192N3BM1T0-I-LF-2DP-xxx SFSD8192N4BM1MT-E-1E-2EP-xxx SFSD8192N4BM1MT-I-1E-2EP-xxx SFSD016GN3BM1T0-E-HG-2CP-xxx SFSD016GN3BM1T0-I-HG-2CP-xxx SFSD016GN3BM1T0-E-HG-2DP-xxx SFSD016GN3BM1T0-I-HG-2DP-xxx SFSD016GN4BM1MT-E-2F-2EP-xxx SFSD016GN4BM1MT-I-2F-2EP-xxx SFSD032GN4BM1MT-E-3F-2EP-xxx SFSD032GN4BM1MT-I-3F-2EP-xxx SFSD064GN4BM1MT-E-4G-2EP-xxx SFSD064GN4BM1MT-I-4G-2EP-xxx	

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S-50u	SFSD008GN1AM1T0-E-5E-211-xxx SFSD016GN1AM1T0-E-5E-211-xxx SFSD016GN1AM1T0-I-5E-211-xxx SFSD016GN1AM1T0-E-5E-221-xxx SFSD016GN1AM1T0-I-5E-221-xxx SFSD032GN1AM1T0-E-5E-211-xxx SFSD032GN1AM1T0-I-5E-211-xxx SFSD032GN1AM1T0-E-5E-221-xxx SFSD032GN1AM1T0-I-5E-221-xxx SFSD064GN1AM1T0-E-6F-211-xxx SFSD064GN1AM1T0-I-6F-211-xxx SFSD064GN1AM1T0-E-6F-221-xxx SFSD064GN1AM1T0-I-6F-221-xxx SFSD128GN1AM1T0-E-7G-211-xxx SFSD128GN1AM1T0-I-7G-211-xxx SFSD128GN1AM1T0-E-7G-221-xxx SFSD128GN1AM1T0-I-7G-221-xxx	No change, traceability over lot code
S-56u	SFSD004GN1AM1T0-E-5E-21P-xxx SFSD004GN1AM1T0-I-5E-21P-xxx SFSD004GN1AM1T0-E-5E-22P-xxx SFSD004GN1AM1T0-I-5E-22P-xxx SFSD008GN1AM1T0-E-5E-21P-xxx SFSD008GN1AM1T0-I-5E-21P-xxx SFSD008GN1AM1T0-E-5E-22P-xxx SFSD008GN1AM1T0-I-5E-22P-xxx SFSD016GN1AM1T0-E-ZK-21P-xxx SFSD016GN1AM1T0-I-ZK-21P-xxx SFSD016GN1AM1T0-E-ZK-22P-xxx SFSD016GN1AM1T0-I-ZK-22P-xxx SFSD032GN1AM1T0-E-ZK-21P-xxx SFSD032GN1AM1T0-I-ZK-21P-xxx SFSD032GN1AM1T0-E-ZK-22P-xxx SFSD032GN1AM1T0-I-ZK-22P-xxx	