Product Change Notification – Minor change

PCN #: PCN21-0078	**Rev:** 1.0	**Issue Date:** December 10, 2021

Purpose of notification:	Lead frame change in Kioxia SLC NAND TSOP packages
Type of notification:	Minor change, for informational notice only

Detailed Description:

This product change notification is to inform you about planned changes on certain Kioxia 24nm and 32nm SLC NAND flash TSOP packages. The following changes have been made entirely or partially to certain TSOP packages:

- Change of lead frame supplier
- Change of lead frame processing method from etching to stamping
- Adjustment of composition ratio of the mold resin

There is no exterior or laser marking change on the NAND flash packages.
There is no change to form fit or function, nor a change to Swissbit part numbers. Performance does not change and the data sheets remain unchanged. Swissbit has completed its internal testing and has qualified the new components to ensure full compliance and backward compatibility with current components. Component traceability of the products is always guaranteed. Updated FMD data is available upon request.

Quality impact:	No impact

Reliability impact:	No impact

Product series affected:

Series	Affected Densities	Part Number	New Part Number
C-440	8GB – 64GB	SFCFddddH2BUxT0-t-xx-xxx-zzz	No change, traceability over lot code
C-500	2GB – 4GB	SFCFddddH1AFxT0-t-xx-xxx-zzz	No change, traceability over lot code
U-450	1GB – 2GB	SFUIddddJ2ABxT0-t-xx-xxx-zzz	No change, traceability over lot code
U-500	4GB	SFUI4096J1AE2T0-t-QT-xxx-zzz	No change, traceability over lot code
U-500k	2GB	SFU32048E1AE1T0-t-QT-xxx-zzz	No change, traceability over lot code
X-500	64GB – 256GB	SFSAddddQ1BJxT0-t-xx-xxx-zzz	No change, traceability over lot code

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

Implementation date:	Estimated February 2022, floating transition to mixed use based on stock

Recommended action:	No action required

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.

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Products affected:

z = placeholder for standard or customer specific suffix (e.g. –STD)

Formfactor	Series	Density	Part Number
CompactFlash	C-440	8GB	SFCF8192H2BU2T0-C-QT-517-zzz
	C-440	8GB	SFCF8192H2BU2T0-I-QT-517-zzz
	C-440	8GB	SFCF8192H2BU2T0-C-QT-527-zzz
	C-440	8GB	SFCF8192H2BU2T0-I-QT-527-zzz
	C-440	16GB	SFCF16GBH2BU4T0-I-QT-517-zzz
	C-440	16GB	SFCF16GBH2BU4T0-C-QT-527-zzz
	C-440	16GB	SFCF16GBH2BU4T0-I-QT-527-zzz
	C-440	16GB	SFCF16GBH2BU4T0-I-QT-227-zzz
	C-440	16GB	SFCF16GBH2BU4T0-I-QT-322-zzz
	C-440	32GB	SFCF32GBH2BU4T0-I-QT-517-zzz
	C-440	32GB	SFCF32GBH2BU4T0-C-QT-527-zzz
	C-440	32GB	SFCF32GBH2BU4T0-I-QT-527-zzz
	C-440	64GB	SFCF64GBH2BU4T0-C-NU-527-zzz
	C-440	64GB	SFCF64GBH2BU4T0-I-NU-527-zzz
	C-500	2GB	SFCF2048H1AF2T0-C-DS-517-zzz
	C-500	2GB	SFCF2048H1AF2T0-I-DS-517-zzz
	C-500	2GB	SFCF2048H1AF2T0-C-DS-217-zzz
	C-500	2GB	SFCF2048H1AF2T0-C-DS-527-zzz
	C-500	2GB	SFCF2048H1AF2T0-I-DS-527-zzz
	C-500	2GB	SFCF2048H1AF2T0-I-DS-537-zzz
	C-500	2GB	SFCF2048H1AF2T0-C-DS-227-zzz
	C-500	2GB	SFCF2048H1AF2T0-C-DS-523-zzz
	C-500	2GB	SFCF2048H1AF2T0-I-DS-523-zzz
	C-500	4GB	SFCF4096H1AF2T0-C-QT-517-zzz
	C-500	4GB	SFCF4096H1AF2T0-I-QT-517-zzz
	C-500	4GB	SFCF4096H1AF2T0-C-QT-527-zzz
	C-500	4GB	SFCF4096H1AF2T0-I-QT-527-zzz
	C-500	4GB	SFCF4096H1AF2T0-I-QT-537-zzz
	C-500	4GB	SFCF4096H1AF2T0-C-QT-217-zzz
	C-500	4GB	SFCF4096H1AF2T0-C-QT-227-zzz
	C-500	4GB	SFCF4096H1AF2T0-I-QT-222-zzz
	C-500	4GB	SFCF4096H1AF2T0-I-QT-523-zzz
eUSB	U-450	1GB	SFUI1024J2AB1T0-C-MS-2A1-zzz
	U-450	1GB	SFUI1024J2AB1T0-I-MS-2A1-zzz
	U-450	1GB	SFUI1024K2AB1T0-I-MS-2A1-zzz
	U-450	2GB	SFUI2048J2AB2T0-C-MS-2A1-zzz
	U-450	2GB	SFUI2048J2AB2T0-I-MS-2A1-zzz
	U-450	2GB	SFUI2048K2AB2T0-I-MS-2A1-zzz

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	U-500	4GB	SFUI4096J1AE2T0-C-QT-2A1-zzz
	U-500	4GB	SFUI4096J1AE2T0-I-QT-2A1-zzz
	U-500	4GB	SFUI4096K1AE2T0-C-QT-2A1-zzz
	U-500	4GB	SFUI4096K1AE2T0-I-QT-2A1-zzz
USB flash drive	U-500k	2GB	SFU32048E1AE1T0-C-QT-1A1-zzz
	U-500k	2GB	SFU32048E1AE1T0-I-QT-1A1-zzz
SATA 2.5″	X-500	64GB	SFSA064GQ1BJAT0-C-QT-226-zzz
	X-500	64GB	SFSA064GQ1BJAT0-I-QT-226-zzz
	X-500	64GB	SFSA064GQ1BJAT0-C-QT-236-zzz
	X-500	64GB	SFSA064GQ1BJAT0-I-QT-236-zzz
	X-500	128GB	SFSA128GQ1BJ8T0-C-NU-226-zzz
	X-500	128GB	SFSA128GQ1BJ8T0-I-NU-226-zzz
	X-500	128GB	SFSA128GQ1BJ8T0-C-NU-236-zzz
	X-500	128GB	SFSA128GQ1BJ8T0-I-NU-236-zzz
	X-500	128GB	SFSA128GQ1BJ8T0-I-NU-246-zzz
	X-500	256GB	SFSA256GQ1BJAT0-I-NU-226-zzz
	X-500	256GB	SFSA256GQ1BJAT0-C-NU-236-zzz
	X-500	256GB	SFSA256GQ1BJAT0-I-NU-236-zzz