

Product Change Notification – Minor change

PCN #: PCN22-0045	Rev: 1.0	Issue Date: March 16, 2022
Purpose of notification: Change of voltage regulator Type of notification: Minor change, for informational notice only		
Detailed Description: This document informs about a BOM change of the U-56n USB Flash drive product series and provides advice on the implications as well as on any requalification effort for affected customers. Swissbit has been notified that Intel is ceasing production of the voltage regulators currently used in the above mentioned product series. Swissbit has selected new fit-for-purpose voltage regulators, which also require a minimal PCB adjustment.		
	Current voltage regulators	New voltage regulators
Supplier	Intel	Torex
Continuous output current	0.6A	1A
Operating range	2.4 V – 5.5 V	2.5 V – 5.5 V
Operating Temperature Range	-40 to +85°C	-40 to +105°C
Output voltage	Adjustable	Fixed
Package Size	2.5mm x 2.25mm x 1.1mm	2.5mm x 2.0mm x 1.04mm
Swissbit insures no change of form and fit and function compatibility. The performance values will not change. Swissbit insures full compliance and backward compatibility with the previous version.		
Quality impact:	No impact	
Reliability impact:	No impact	
Products affected:		
Series	Part Number	New Part Number
U-56n	SFU3008GC2AE1T0-C-GE-1AP-STD	No change, traceability over lot code
U-56n	SFU3008GC2AE1T0-I-GE-1AP-STD	No change, traceability over lot code
U-56n	SFU3016GC2AE2T0-C-GE-1AP-STD	No change, traceability over lot code
U-56n	SFU3016GC2AE2T0-I-GE-1AP-STD	No change, traceability over lot code
U-56n	SFU3032GC2AE2T0-C-LF-1AP-STD	No change, traceability over lot code
U-56n	SFU3032GC2AE2T0-I-LF-1AP-STD	No change, traceability over lot code
Implementation date:	The plan implementation date is August 2022.	
Recommended action:	No action required. Please contact your local Swissbit sales representative for support in case of any questions.	
IMPORTANT NOTE: <i>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.</i> <i>This Minor Change PCN serves as an informational notice and is an optional information in accordance with JEDEC J-STD-046.</i>		