

## Product Change Notification – Minor change

<b>PCN #:</b> PCN22-0048	<b>Rev:</b> 1.0	<b>Issue Date:</b> March 22, 2022
<b>Purpose of notification:</b> Change of voltage regulator <b>Type of notification:</b> Minor change, for informational notice only		
<b>Detailed Description:</b> This document informs about a BOM change of the N-20m2 and N-26m2 drive product series. 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.		
	<b>Current voltage regulators</b>	<b>New voltage regulators</b>
<b>Supplier</b>	Intel	Torex
<b>Continuous output current</b>	0.6A	1A
<b>Operating range</b>	2.4 V – 5.5 V	2.5 V – 5.5 V
<b>Operating Temperature Range</b>	-40 to +85°C	-40 to +105°C
<b>Output voltage</b>	Adjustable	Fixed
<b>Package Size</b>	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 and the data sheets remain unchanged. Swissbit insures full compliance and backward compatibility with the previous version.		
<b>Quality impact:</b> No impact		
<b>Reliability impact:</b> No impact		
<b>Products Series affected:</b>		
<b>Series</b>	<b>Part Number</b>	<b>New Part Number</b>
N-20m2 (2230)	SFPCdddMgECxxx-t-xx-Ax6-zzz	No change, traceability over lot code
N-26m2 (2230)	SFPCdddMgECxxx-t-xx-AxP-zzz	No change, traceability over lot code
N-20m2 (2242)	SFPCdddMgECxxx-t-xx-1x6-zzz	No change, traceability over lot code
N-26m2 (2242)	SFPCdddMgECxxx-t-xx-1xP-zzz	No change, traceability over lot code
N-20m2 (2280)	SFPCdddMgECxxx-t-xx-5x6-zzz	No change, traceability over lot code
N-26m2 (2280)	SFPCdddMgECxxx-t-xx-5xP-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		
<b>Implementation date:</b> Estimated July 2022, floating transition based on stock		
<b>Recommended action:</b> No action required. Please contact your local Swissbit sales representative for support in case of any questions.		
<b>IMPORTANT NOTE:</b> <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>		

## Product Change Notification – Minor change

**Products affected:**

Series	Part Number	New Part Number
N-20m2 (2230)	SFPC015GM1EC1TO-I-5E-A16-STD SFPC015GM1EC1TO-I-5E-A26-STD SFPC030GM1EC1TO-I-5E-A16-STD SFPC030GM1EC1TO-I-5E-A26-STD SFPC060GM1EC2TO-I-5E-A16-STD SFPC060GM1EC2TO-I-5E-A26-STD SFPC120GM1EC4TO-I-5E-A16-STD SFPC120GM1EC4TO-I-5E-A26-STD SFPC240GM1EC4TO-I-6F-A16-STD SFPC240GM1EC4TO-I-6F-A26-STD SFPC480GM2EC4TB-I-6F-A16-STD SFPC480GM2EC4WD-I-6F-A16-STD	No change, traceability over lot code
N-26m2 (2230)	SFPC005GM1EC1TO-I-5E-A1P-STD SFPC005GM1EC1TO-I-5E-A2P-STD SFPC010GM1EC1TO-I-5E-A1P-STD SFPC010GM1EC1TO-I-5E-A2P-STD SFPC020GM1EC2TO-I-5E-A1P-STD SFPC020GM1EC2TO-I-5E-A2P-STD SFPC040GM1EC4TO-I-5E-A1P-STD SFPC040GM1EC4TO-I-5E-A2P-STD SFPC080GM1EC4TO-I-6F-A1P-STD SFPC080GM1EC4TO-I-6F-A2P-STD SFPC160GM2EC4WD-I-6F-A1P-STD	No change, traceability over lot code
N-20m2 (2242)	SFPC015GM1EC1TO-I-5E-116-STD SFPC015GM1EC1TO-I-5E-126-STD SFPC030GM1EC1TO-I-5E-116-STD SFPC030GM1EC1TO-I-5E-126-STD SFPC060GM1EC2TO-C-5E-116-STD SFPC060GM1EC2TO-C-5E-126-STD SFPC060GM1EC2TO-I-5E-116-STD SFPC060GM1EC2TO-I-5E-126-STD SFPC060GM1EC2TO-C-5E-116-HU1 SFPC120GM1EC4TO-C-5E-116-STD SFPC120GM1EC4TO-C-5E-126-STD SFPC120GM1EC4TO-I-5E-116-STD SFPC120GM1EC4TO-I-5E-126-STD SFPC240GM1EC4TO-C-6F-116-STD SFPC240GM1EC4TO-C-6F-126-STD SFPC240GM1EC4TO-I-6F-116-STD SFPC240GM1EC4TO-I-6F-126-STD SFPC480GM2EC4WD-C-6F-116-STD SFPC480GM2EC4WD-I-6F-116-STD	No change, traceability over lot code

## Product Change Notification – Minor change

<p>N-26m2 (2242)</p>	<p>SFPC005GM1EC1TO-C-5E-11P-STD  SFPC005GM1EC1TO-C-5E-12P-STD  SFPC005GM1EC1TO-I-5E-11P-STD  SFPC005GM1EC1TO-I-5E-12P-STD  SFPC008GM1EC1TO-I-5E-11P-HU1  SFPC010GM1EC1TO-C-5E-11P-STD  SFPC010GM1EC1TO-C-5E-12P-STD  SFPC010GM1EC1TO-I-5E-11P-STD  SFPC010GM1EC1TO-I-5E-12P-STD  SFPC016GM1EC2TO-I-5E-11P-HU1  SFPC020GM1EC2TO-C-5E-11P-STD  SFPC020GM1EC2TO-C-5E-12P-STD  SFPC020GM1EC2TO-I-5E-11P-STD  SFPC020GM1EC2TO-I-5E-12P-STD  SFPC040GM1EC4TO-C-5E-11P-STD  SFPC040GM1EC4TO-C-5E-12P-STD  SFPC040GM1EC4TO-I-5E-11P-STD  SFPC040GM1EC4TO-I-5E-12P-STD  SFPC032GM1EC4TO-I-5E-11P-HU1  SFPC080GM1EC4TO-C-6F-11P-STD  SFPC080GM1EC4TO-C-6F-12P-STD  SFPC080GM1EC4TO-I-6F-11P-STD  SFPC080GM1EC4TO-I-6F-12P-STD  SFPC160GM2EC4WD-C-6F-11P-STD  SFPC160GM2EC4WD-I-6F-11P-STD</p>	<p>No change, traceability over lot code</p>
<p>N-20m2 (2280)</p>	<p>SFPC015GM1EC1TO-I-5E-516-STD  SFPC015GM1EC1TO-I-5E-526-STD  SFPC030GM1EC1TO-I-5E-516-STD  SFPC030GM1EC1TO-I-5E-526-STD  SFPC060GM1EC2TO-I-5E-516-STD  SFPC060GM1EC2TO-I-5E-526-STD  SFPC120GM1EC4TO-I-5E-516-STD  SFPC120GM1EC4TO-I-5E-526-STD  SFPC120GM1EC4TO-C-5E-516-STD  SFPC120GM1EC4TO-C-5E-526-STD  SFPC240GM1EC4TO-I-6F-516-STD  SFPC240GM1EC4TO-I-6F-526-STD  SFPC240GM1EC4TO-C-6F-516-STD  SFPC240GM1EC4TO-C-6F-526-STD  SFPC480GM2EC4WD-I-6F-516-STD</p>	<p>No change, traceability over lot code</p>
<p>N-26m2 (2280)</p>	<p>SFPC005GM1EC1TO-I-5E-51P-STD  SFPC005GM1EC1TO-I-5E-52P-STD  SFPC010GM1EC1TO-I-5E-51P-STD  SFPC010GM1EC1TO-I-5E-52P-STD  SFPC020GM1EC2TO-I-5E-51P-STD  SFPC020GM1EC2TO-I-5E-52P-STD  SFPC040GM1EC4TO-I-5E-51P-STD  SFPC040GM1EC4TO-I-5E-52P-STD  SFPC080GM1EC4TO-I-6F-51P-STD  SFPC080GM1EC4TO-I-6F-52P-STD  SFPC080GM1EC4TO-I-6F-51J-STD  SFPC160GM2EC4WD-I-6F-51P-STD</p>	<p>No change, traceability over lot code</p>