

Product Change Notification – Minor change

PCN #: PCN25-0015	Rev: 1.0	Issue Date: June 26, 2025																														
Purpose of notification: Alternative supplier for crystal Type of notification: Minor change, for informational notice only																																
Detailed Description: To ensure full product availability and delivery reliability, Swissbit has evaluated an alternative supplier for the crystal for below mentioned product series. <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 33%;">Parameter</th> <th style="width: 33%;">Current crystal</th> <th style="width: 33%;">Alternative crystal</th> </tr> </thead> <tbody> <tr> <td>Component Manufacturer</td> <td>Murata</td> <td>Rakon</td> </tr> <tr> <td>Nominal Frequency</td> <td>25 MHz</td> <td>25 MHz</td> </tr> <tr> <td>Mode of Oscillation</td> <td>AT-fundamental</td> <td>AT-fundamental</td> </tr> <tr> <td>Temperature Range -40 °C – 85 °C</td> <td>Yes</td> <td>Yes</td> </tr> <tr> <td>Calibration Tolerance</td> <td>+/- 20 ppm</td> <td>+/- 10 ppm</td> </tr> <tr> <td>CL</td> <td>5 pF</td> <td>8 pF</td> </tr> <tr> <td>Oscillator circuit</td> <td>Adjusted to crystal</td> <td>Adjusted to crystal</td> </tr> </tbody> </table> Swissbit will complete internal testing and qualify the hardware to ensure full compatibility. There is no change to form fit or function and the data sheets values remain unchanged.			Parameter	Current crystal	Alternative crystal	Component Manufacturer	Murata	Rakon	Nominal Frequency	25 MHz	25 MHz	Mode of Oscillation	AT-fundamental	AT-fundamental	Temperature Range -40 °C – 85 °C	Yes	Yes	Calibration Tolerance	+/- 20 ppm	+/- 10 ppm	CL	5 pF	8 pF	Oscillator circuit	Adjusted to crystal	Adjusted to crystal						
Parameter	Current crystal	Alternative crystal																														
Component Manufacturer	Murata	Rakon																														
Nominal Frequency	25 MHz	25 MHz																														
Mode of Oscillation	AT-fundamental	AT-fundamental																														
Temperature Range -40 °C – 85 °C	Yes	Yes																														
Calibration Tolerance	+/- 20 ppm	+/- 10 ppm																														
CL	5 pF	8 pF																														
Oscillator circuit	Adjusted to crystal	Adjusted to crystal																														
Quality impact: No impact																																
Reliability impact: No impact																																
Product series affected: <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 15%;">Series</th> <th style="width: 45%;">Part Number</th> <th style="width: 40%;">New Part Number</th> </tr> </thead> <tbody> <tr> <td>N-10m2 (2280)</td> <td>SFPCddddMgAGxT0-t-xx-xx6-zzz</td> <td rowspan="15" style="text-align: center; vertical-align: middle;">No change, traceability over lot code</td> </tr> <tr> <td>N-16m2 (2280)</td> <td>SFPCddddMgAGxT0-t-xx-xxP-zzz</td> </tr> <tr> <td rowspan="2">N-20m2 (2242)</td> <td>SFPCddddMgECxT0-t-xx-xx6-zzz</td> </tr> <tr> <td>SFPCddddMgECxWD-t-xx-xx6-zzz</td> </tr> <tr> <td rowspan="2">N-26m2 (2280)</td> <td>SFPCddddMgECxT0-t-xx-xxP-zzz</td> </tr> <tr> <td>SFPCddddMgECxT0-t-xx-xxJ-zzz</td> </tr> <tr> <td>N2000 (2230)</td> <td>SN2000MAddddt-gTBx-xxB-zzz</td> </tr> <tr> <td>N2000 (2242)</td> <td>SN2000MBddddt-gTBx-xxB-zzz</td> </tr> <tr> <td>N2000 (2280)</td> <td>SN2000MDddddt-gTBx-xxB-zzz</td> </tr> <tr> <td>N2600 (2230)</td> <td>SN2600MAddddt-gTBx-xxB-zzz</td> </tr> <tr> <td>N2600 (2242)</td> <td>SN2600MBddddt-gTBx-xxB-zzz</td> </tr> <tr> <td>N2600 (2280)</td> <td>SN2600MDddddt-gTBx-xxB-zzz</td> </tr> <tr> <td>G2000</td> <td>SG2000CEddddt-gTBx-xxB-zzz</td> </tr> <tr> <td>G2600</td> <td>SG2600CEddddt-gTBx-xxB-zzz</td> </tr> </tbody> </table>			Series	Part Number	New Part Number	N-10m2 (2280)	SFPCddddMgAGxT0-t-xx-xx6-zzz	No change, traceability over lot code	N-16m2 (2280)	SFPCddddMgAGxT0-t-xx-xxP-zzz	N-20m2 (2242)	SFPCddddMgECxT0-t-xx-xx6-zzz	SFPCddddMgECxWD-t-xx-xx6-zzz	N-26m2 (2280)	SFPCddddMgECxT0-t-xx-xxP-zzz	SFPCddddMgECxT0-t-xx-xxJ-zzz	N2000 (2230)	SN2000MAddddt-gTBx-xxB-zzz	N2000 (2242)	SN2000MBddddt-gTBx-xxB-zzz	N2000 (2280)	SN2000MDddddt-gTBx-xxB-zzz	N2600 (2230)	SN2600MAddddt-gTBx-xxB-zzz	N2600 (2242)	SN2600MBddddt-gTBx-xxB-zzz	N2600 (2280)	SN2600MDddddt-gTBx-xxB-zzz	G2000	SG2000CEddddt-gTBx-xxB-zzz	G2600	SG2600CEddddt-gTBx-xxB-zzz
Series	Part Number	New Part Number																														
N-10m2 (2280)	SFPCddddMgAGxT0-t-xx-xx6-zzz	No change, traceability over lot code																														
N-16m2 (2280)	SFPCddddMgAGxT0-t-xx-xxP-zzz																															
N-20m2 (2242)	SFPCddddMgECxT0-t-xx-xx6-zzz																															
	SFPCddddMgECxWD-t-xx-xx6-zzz																															
N-26m2 (2280)	SFPCddddMgECxT0-t-xx-xxP-zzz																															
	SFPCddddMgECxT0-t-xx-xxJ-zzz																															
N2000 (2230)	SN2000MAddddt-gTBx-xxB-zzz																															
N2000 (2242)	SN2000MBddddt-gTBx-xxB-zzz																															
N2000 (2280)	SN2000MDddddt-gTBx-xxB-zzz																															
N2600 (2230)	SN2600MAddddt-gTBx-xxB-zzz																															
N2600 (2242)	SN2600MBddddt-gTBx-xxB-zzz																															
N2600 (2280)	SN2600MDddddt-gTBx-xxB-zzz																															
G2000	SG2000CEddddt-gTBx-xxB-zzz																															
G2600	SG2600CEddddt-gTBx-xxB-zzz																															

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

Product Change Notification – Minor change

Implementation date:	Estimated September 2025, floating transition to mixed use based on stock. Traceability of the products is given via lot code.
Recommended action:	No action required
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>	

Product Change Notification – Minor change

Products affected:

zzz = STD (standard) or customer specific suffix

Series	Part Number	New Part Number
N-10m2 (2280)	SFPC120GM1AG2T0-C-6B-526-zzz	No change, traceability over lot code
	SFPC120GM1AG2T0-I-6B-526-zzz	
	SFPC120GM1AG2T0-C-6B-536-zzz	
	SFPC120GM1AG2T0-I-6B-536-zzz	
	SFPC120GM1AG2T0-C-6B-546-zzz	
	SFPC120GM1AG2T0-I-6B-546-zzz	
	SFPC240GM1AG4T0-C-6B-526-zzz	
	SFPC240GM1AG4T0-I-6B-526-zzz	
	SFPC240GM1AG4T0-C-6B-536-zzz	
	SFPC240GM1AG4T0-I-6B-536-zzz	
	SFPC240GM1AG4T0-C-6B-546-zzz	
	SFPC240GM1AG4T0-I-6B-546-zzz	
	SFPC480GM1AG2T0-C-8C-526-zzz	
	SFPC480GM1AG2T0-I-8C-526-zzz	
	SFPC480GM1AG2T0-C-8C-536-zzz	
	SFPC480GM1AG2T0-I-8C-536-zzz	
	SFPC480GM1AG2T0-C-8C-546-zzz	
	SFPC480GM1AG2T0-I-8C-546-zzz	
	SFPC960GM1AG4T0-C-8C-526-zzz	
	SFPC960GM1AG4T0-I-8C-526-zzz	
	SFPC960GM1AG4T0-C-8C-536-zzz	
	SFPC960GM1AG4T0-I-8C-536-zzz	
	SFPC960GM1AG4T0-C-8C-546-zzz	
	SFPC960GM1AG4T0-I-8C-546-zzz	
N-16m2 (2280)	SFPC040GM1AG2T0-C-6B-51P-zzz	No change, traceability over lot code
	SFPC040GM1AG2T0-I-6B-51P-zzz	
	SFPC160GM1AG2T0-C-8C-51P-zzz	
	SFPC320GM1AG4T0-I-8C-51P-zzz	
N-20m2 (2242)	SFPC015GM1EC1T0-I-5E-116-zzz	No change, traceability over lot code
	SFPC015GM1EC1T0-I-5E-126-zzz	
	SFPC030GM1EC1T0-I-5E-116-zzz	
	SFPC030GM1EC1T0-I-5E-126-zzz	
	SFPC060GM1EC2T0-C-5E-116-zzz	
	SFPC060GM1EC2T0-I-5E-116-zzz	
	SFPC060GM1EC2T0-C-5E-126-zzz	
	SFPC060GM1EC2T0-I-5E-126-zzz	
	SFPC120GM1EC4T0-C-5E-116-zzz	
	SFPC120GM1EC4T0-I-5E-116-zzz	
	SFPC120GM1EC4T0-C-5E-126-zzz	
	SFPC120GM1EC4T0-I-5E-126-zzz	
	SFPC240GM1EC4T0-C-6F-116-zzz	
	SFPC240GM1EC4T0-I-6F-116-zzz	
	SFPC240GM1EC4T0-C-6F-126-zzz	
	SFPC240GM1EC4T0-I-6F-126-zzz	
	SFPC480GM2EC4WD-C-6F-116-zzz	
	SFPC480GM2EC4WD-I-6F-116-zzz	

Product Change Notification – Minor change

N-26m2 (2280)	SFPC005GM1EC1T0-I-5E-51P-zzz SFPC005GM1EC1T0-I-5E-52P-zzz SFPC010GM1EC1T0-I-5E-51P-zzz SFPC010GM1EC1T0-I-5E-52P-zzz SFPC020GM1EC2T0-I-5E-51P-zzz SFPC020GM1EC2T0-I-5E-52P-zzz SFPC040GM1EC4T0-I-5E-51P-zzz SFPC040GM1EC4T0-I-5E-52P-zzz SFPC080GM1EC4T0-I-6F-51P-zzz SFPC080GM1EC4T0-I-6F-51J-zzz SFPC080GM1EC4T0-I-6F-52P-zzz SFPC160GM2EC4WD-I-6F-51P-zzz	No change, traceability over lot code
N2000 (2230)	SN2000MA060GI-1TB1-1DB-zzz SN2000MA120GI-1TB2-1DB-zzz SN2000MA240GI-1TB4-1DB-zzz SN2000MA240GI-1TB4-2AB-zzz SN2000MA480GI-1TB8-1DB-zzz	No change, traceability over lot code
N2000 (2242)	SN2000MB060GI-1TB1-1DB-zzz SN2000MB120GI-1TB2-1DB-zzz SN2000MB240GI-1TB4-1DB-zzz SN2000MB480GI-1TB8-1DB-zzz	No change, traceability over lot code
N2000 (2280)	SN2000MD060GI-1TB1-1DB-zzz SN2000MD120GI-1TB2-1DB-zzz SN2000MD240GI-1TB4-1DB-zzz SN2000MD480GI-1TB8-1DB-zzz	No change, traceability over lot code
N2600 (2230)	SN2600MA020GI-1TB1-1DB-zzz SN2600MA040GI-1TB2-1DB-zzz SN2600MA080GI-1TB4-1DB-zzz SN2600MA160GI-1TB8-1DB-zzz	No change, traceability over lot code
N2600 (2242)	SN2600MB020GI-1TB1-1DB-zzz SN2600MB040GI-1TB2-1DB-zzz SN2600MB080GI-1TB4-1DB-zzz SN2600MB160GI-1TB8-1DB-zzz	No change, traceability over lot code
N2600 (2280)	SN2600MD020GI-1TB1-1DB-zzz SN2600MD040GI-1TB2-1DB-zzz SN2600MD080GI-1TB4-1DB-zzz SN2600MD160GI-1TB8-1DB-zzz	No change, traceability over lot code
G2000	SG2000CE060GI-1TB1-1DB-zzz SG2000CE120GI-1TB1-1DB-zzz SG2000CE240GI-1TB2-1DB-zzz SG2000CE480GI-1TB2-1DB-zzz SG2000CE960GI-1TB2-1DB-zzz	No change, traceability over lot code
G2600	SG2600CE020GI-1TB1-1DB-zzz SG2600CE040GI-1TB1-1DB-zzz SG2600CE080GI-1TB2-1DB-zzz SG2600CE160GI-1TB2-1DB-zzz SG2600CE320GI-1TB2-1DB-zzz	No change, traceability over lot code