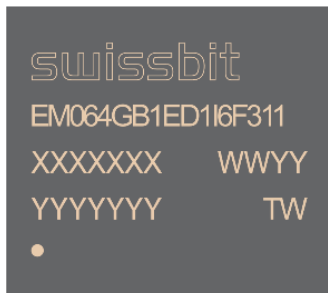

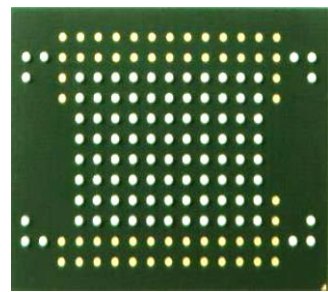
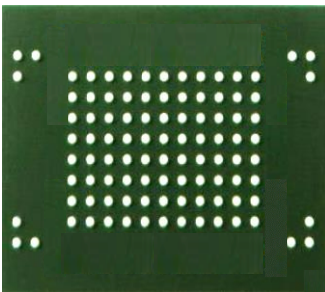


## Product Change Notification – Major change

PCN #: PCN25-0042		Rev: 1.0	Issue Date: May 01, 2025
<b>Purpose of notification:</b> New manufacturing location, marking and balling enhancement for 100-ball eMMC			
<b>Type of notification:</b> Major change			
<b>Detailed Description:</b> As part of Swissbit's commitment to continuous product / process improvement, Swissbit has introduced fully integrated in-house manufacturing of its embedded eMMC product line EM-3x, 100-ball. Swissbit's in-house manufacturing site is located in Berlin, Germany and ensures higher supply chain resiliency and offers our customers enhanced quality assurance standards and controls.  EM-3x products manufactured in our facility have been fully qualified and are assured to meet or exceed all performance, endurance and reliability metrics.  With in-house production capability, we improve from 'batch traceability' to 'item traceability' by adding a data matrix code on the front. This code is also needed for the "digital product pass" (DPP 4.0), which will become mandatory soon. On the back side, corrosion resistancy is improved by covering non-functional contact surfaces.			
	Manufactured in Taiwan	Manufactured in Germany	Description
Front side (Laser marking)			Improved traceability Taiwan: batch based traceability Germany: item based traceability
Back side (Test pads)			Test pads (yellow dots, no functionality for customer) Taiwan: open test pads Germany: covered test pads
Firmware	Identical		Same Firmware is used
Performance	Identical		Same Firmware is used
Endurance	Identical		Same Firmware is used
MTBF	Identical		Same components are used
<b>Quality impact:</b> Improved			
<b>Reliability impact:</b> Improved			

## Product Change Notification – Major change

### Product series affected:

Series	Part Number
EM-30	SFEM016GB1ED1T0-I-5E-311-STD
	SFEM032GB1ED1T0-I-5E-311-STD
	SFEM064GB1ED1T0-I-6F-311-STD
EM-36	SFEM005GB1ED1T0-I-5E-31P-STD
	SFEM010GB1ED1T0-I-5E-31P-STD
	SFEM020GB1ED1T0-I-6F-31P-STD

### Milestones:

Milestone	Date
Official notification to customer	May 01, 2025
Floating transition to mixed use based on stock	Estimated starting from June 2025

### Recommended action:

No action required unless you do not accept this improvement.

Should you have any questions or concerns with the content of this change, please contact the Swissbit PCN team at [customer.pcn@swissbit.com](mailto:customer.pcn@swissbit.com) within 30 days. No response will be deemed as customer's acceptance of the change and the change will be implemented pursuant to the implementation date set forth in this PCN.

#### **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.*

*The dates mentioned are subject to change based on business and operational conditions.*