

# Product/Process Change Notification Form

PCN PCN_Micron_DDR3_1Gb_Rev.G_V68A_20141105_UB.docx	Rev: 1.0	Issue Date: 05/11/2014																																																																		
<b>Type of Change:</b> unavailability of DDR3 DRAM Micron 1Gbit Rev. G (V68A) <input type="checkbox"/> minor / <input checked="" type="checkbox"/> major																																																																				
<b>Detailed Description of Change:</b> This notification is to inform Swissbit customers about replacement of existing DDR3 products using Micron Technology 1Gbit G-DIE (V68A) with DDR3 products using Samsung Components. (1 and 2Gbit)																																																																				
<b>Quality impact:</b> <input type="checkbox"/> minor / <input type="checkbox"/> major / <input checked="" type="checkbox"/> no																																																																				
<b>Reliability impact:</b> <input type="checkbox"/> minor / <input type="checkbox"/> major / <input checked="" type="checkbox"/> no																																																																				
<b>Reason for Change:</b> Micron's manufacturing process for 1Gb DDR3 has changed from 50nm (V68A) to 30nm (V88A). The V68A DRAM has already been ramped down in advance to the official LTB date of the Micron PCN (31-Mar 2015) and is not available anymore. Swissbit has decided to terminate this product portfolio and recommends to immediately qualifying the replacement products. Due to unavailability of the 1Gb Micron DRAM an LTB cannot be offered.																																																																				
<b>Products affected:</b>																																																																				
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:25%;">Current Part Number</th> <th style="width:25%;">Description</th> <th style="width:50%;">New Part Number</th> </tr> </thead> <tbody> <tr> <td>SGN01G64A2BG1MT-CCRT</td> <td>603307 DDR3 1GB PC3-10600 SODIMM</td> <td>SGN01G64C1CQ1SA-DCRT 604572 SGN01G64D2BG1SA-CCRT 603529</td> </tr> <tr> <td>SGN01G64A2BG1MT-BBRT</td> <td>603440 DDR3 1GB PC3-8500 SODIMM</td> <td>SGN01G64C1CQ1SA-DCRT 604572 SGN01G64D2BG1SA-BBRT 603528</td> </tr> <tr> <td>SGN02G64E1BG2MT-CCRT</td> <td>603308 DDR3 2GB PC3-10600 SODIMM</td> <td>SLN02G64D2BQ1SA-DCRT 604669</td> </tr> <tr> <td>SGN02G64E1BG2MT-BBRT</td> <td>603494 DDR3 2GB PC3-8500 SODIMM</td> <td>SLN02G64D2BQ1SA-DCRT 604669</td> </tr> <tr> <td>SGN02G64E1BG2MT-BBERT</td> <td>603664 DDR3 2GB PC3-8500 SODIMM IT</td> <td>SLN02G64D2BQ1SA-DCERT 604718</td> </tr> <tr> <td>SGN02G64E1BG2MT-BBWRT</td> <td>603665 DDR3 2GB PC3-8500 SODIMM IT</td> <td>SLN02G64D2BQ1SA-DCWRT 604713</td> </tr> <tr> <td>SGU01G64A1BG1MT-BBR</td> <td>603513 DDR3 1GB PC3-8500 UDIMM</td> <td>SGU01G64A1BG1SA-DCR 604419</td> </tr> <tr> <td>SGU01G64A1BG1MT-CCR</td> <td>603514 DDR3 1GB PC3-10600 UDIMM</td> <td>SGU01G64A1BG1SA-DCR 604419</td> </tr> <tr> <td>SGN01G72F1BG1MT-BBRT</td> <td>603532 DDR3 1GB EP3-8500 SO-UDIMM ECC</td> <td>SGN01G72F1BG1SA-DCRT 604992</td> </tr> <tr> <td>SGN01G72F1BG1MT-CCRT</td> <td>603533 DDR3 1GB EP3-10600 SO-UDIMM ECC</td> <td>SGN01G72F1BG1SA-DCRT 604992</td> </tr> <tr> <td>SGN01G72F1BG1MT-CCWRT</td> <td>603680 DDR3 1GB EP3 10600 SO-UDIMM ECC IT</td> <td>SGN01G72F1BG1SA-DCWRT 604993</td> </tr> <tr> <td>SGN01G72F1BG1MT-CCWRT-A</td> <td>603829 DDR3 1GB EP3 10600 SO-UDIMM ECC IT</td> <td>SGN01G72F1BG1SA-DCWRT-A N/A</td> </tr> <tr> <td>SGN01G72F1BG1MT-CCIRT-A</td> <td>603969 DDR3 1GB EP3 10600 SO-UDIMM ECC IT</td> <td>SGN01G72F1BG1SA-DCIRT-A N/A</td> </tr> <tr> <td>MGU01G64D2BG1MT-CCR</td> <td>603654 DDR3 1GB PC3-10600 UDIMM</td> <td>SGU01G64A1BG1SA-DCR 604419</td> </tr> <tr> <td>SGN01G64D2BG1MT-BBERT</td> <td>603666 DDR3 1GB PC3-8500 SODIMM IT</td> <td>SGN01G64D2BG1SA-DCERT 604014</td> </tr> <tr> <td>SGN01G64D2BG1MT-CCRT</td> <td>603667 DDR3 1GB PC3-10600 SODIMM</td> <td>SGN01G64D2BG1SA-CCRT 603529</td> </tr> <tr> <td>SGN01G64D2BG1MT-BBRT</td> <td>603672 DDR3 1GB PC3-8500 SODIMM</td> <td>SGN01G64D2BG1SA-CCRT 603529</td> </tr> <tr> <td>SGN01G64D2BG1MT-BBWRT</td> <td>603879 DDR3 1GB PC3-8500 SODIMM IT</td> <td>SGN01G64D2BG1SA-CCWRT 603758</td> </tr> <tr> <td>SGU01G64A5BG1MT-CCR</td> <td>603771 DDR3 1GB PC3-10600 UDIMM</td> <td>SGU01G64A5BG1SA-DCR 604224</td> </tr> <tr> <td>SGU02G72H1BG2MT-CCRT</td> <td>603825 DDR3 2GB PC3-10600 UDIMM ECC</td> <td>SGU02G72H1BG2SA-CCRT 603524</td> </tr> <tr> <td>SGN02G64E1BG2MT-CCWRT</td> <td>603441 DDR3 2GB PC3-10600 SODIMM IT</td> <td>SLN02G64D2BQ1SA-DCWRT 604713</td> </tr> </tbody> </table>			Current Part Number	Description	New Part Number	SGN01G64A2BG1MT-CCRT	603307 DDR3 1GB PC3-10600 SODIMM	SGN01G64C1CQ1SA-DCRT 604572 SGN01G64D2BG1SA-CCRT 603529	SGN01G64A2BG1MT-BBRT	603440 DDR3 1GB PC3-8500 SODIMM	SGN01G64C1CQ1SA-DCRT 604572 SGN01G64D2BG1SA-BBRT 603528	SGN02G64E1BG2MT-CCRT	603308 DDR3 2GB PC3-10600 SODIMM	SLN02G64D2BQ1SA-DCRT 604669	SGN02G64E1BG2MT-BBRT	603494 DDR3 2GB PC3-8500 SODIMM	SLN02G64D2BQ1SA-DCRT 604669	SGN02G64E1BG2MT-BBERT	603664 DDR3 2GB PC3-8500 SODIMM IT	SLN02G64D2BQ1SA-DCERT 604718	SGN02G64E1BG2MT-BBWRT	603665 DDR3 2GB PC3-8500 SODIMM IT	SLN02G64D2BQ1SA-DCWRT 604713	SGU01G64A1BG1MT-BBR	603513 DDR3 1GB PC3-8500 UDIMM	SGU01G64A1BG1SA-DCR 604419	SGU01G64A1BG1MT-CCR	603514 DDR3 1GB PC3-10600 UDIMM	SGU01G64A1BG1SA-DCR 604419	SGN01G72F1BG1MT-BBRT	603532 DDR3 1GB EP3-8500 SO-UDIMM ECC	SGN01G72F1BG1SA-DCRT 604992	SGN01G72F1BG1MT-CCRT	603533 DDR3 1GB EP3-10600 SO-UDIMM ECC	SGN01G72F1BG1SA-DCRT 604992	SGN01G72F1BG1MT-CCWRT	603680 DDR3 1GB EP3 10600 SO-UDIMM ECC IT	SGN01G72F1BG1SA-DCWRT 604993	SGN01G72F1BG1MT-CCWRT-A	603829 DDR3 1GB EP3 10600 SO-UDIMM ECC IT	SGN01G72F1BG1SA-DCWRT-A N/A	SGN01G72F1BG1MT-CCIRT-A	603969 DDR3 1GB EP3 10600 SO-UDIMM ECC IT	SGN01G72F1BG1SA-DCIRT-A N/A	MGU01G64D2BG1MT-CCR	603654 DDR3 1GB PC3-10600 UDIMM	SGU01G64A1BG1SA-DCR 604419	SGN01G64D2BG1MT-BBERT	603666 DDR3 1GB PC3-8500 SODIMM IT	SGN01G64D2BG1SA-DCERT 604014	SGN01G64D2BG1MT-CCRT	603667 DDR3 1GB PC3-10600 SODIMM	SGN01G64D2BG1SA-CCRT 603529	SGN01G64D2BG1MT-BBRT	603672 DDR3 1GB PC3-8500 SODIMM	SGN01G64D2BG1SA-CCRT 603529	SGN01G64D2BG1MT-BBWRT	603879 DDR3 1GB PC3-8500 SODIMM IT	SGN01G64D2BG1SA-CCWRT 603758	SGU01G64A5BG1MT-CCR	603771 DDR3 1GB PC3-10600 UDIMM	SGU01G64A5BG1SA-DCR 604224	SGU02G72H1BG2MT-CCRT	603825 DDR3 2GB PC3-10600 UDIMM ECC	SGU02G72H1BG2SA-CCRT 603524	SGN02G64E1BG2MT-CCWRT	603441 DDR3 2GB PC3-10600 SODIMM IT	SLN02G64D2BQ1SA-DCWRT 604713
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## Product/Process Change Notification Form

(IT DRAM)				
SGN01G64D2BG1MT-DCRT	603908	DDR3 1GB PC3-12800 SODIMM	SGN01G64C1CQ1SA-DCRT	604572
SGN01G72F1BG1MT-DCRT	603909	DDR3 1GB EP3-12800 SO-UDIMM ECC	SGN01G72F1BG1SA-DCRT	604992

**Implementation date:**

11/2014

**Forecasted Milestones:**

Milestone	Date
Provide PCN to customer	Nov, 06, 2014
Sample availability	Nov 2014
Last time buy	Not possible
Last time shipment	Not possible

**Recommended Action:** Please contact your local sales representative for shipment of qualification samples

**Reference Documents / Attachments: -**

Should you have any issues with the timeline or content of this change, please contact the Representative listed below within 30 days. No response will be deemed as customer's acceptance of the change and the change will be implemented pursuant to the key milestones set forth in this PCN.

Contacts	Name	Email
Product Management Memory Modules	Ulrich Brandt	<a href="mailto:Ulrich.brandt@swissbit.com">Ulrich.brandt@swissbit.com</a>
FAE Memory Modules	Martin Osterwalder	<a href="mailto:martin.osterwalder@swissbit.com">martin.osterwalder@swissbit.com</a>