

Product/Process Change Notification Form

PCN #: PCN_Micron_DDR2_1Gbit_revH_U68A_20140528_UB	Rev: 1.0	Issue Date: May 28 2014																																																
<p>Type of Change: EOL of existing DDR2 512MB, 1GB and 2GB SO-DIMM, DIMM and RDIMM using Micron 1Gbit rev. H (U68A) DRAM.</p> <p><input type="checkbox"/> minor / <input checked="" type="checkbox"/> major</p>																																																		
<p>Detailed Description of Change:</p> <p>This notification is to inform Swissbit customers about replacement of existing DDR2 512MB, 1GB and 2GB SO-DIMM, DIMM and RDIMM using Micron 1Gbit rev. H (U68A) DRAM:</p> <ul style="list-style-type: none"> Existing DDR2 512MB 1rank SO-DIMM and DIMM using 4 Micron DRAM 64Mx16 rev. H (U68A) are being replaced by DDR2 512MB 1rank SO-DIMM and DIMM based on following DRAM versions: Micron 64Mx16 rev. M (U88B), Samsung 64Mx16 Rev G or Hynix 64Mx16 Rev K. Existing DDR2 1GB 1rank SO-DIMM, DIMM and RDIMM using 8 or 9 Micron DRAM 128Mx8 rev. H (U68A) are being replaced by DDR2 1GB 1rank SO-DIMM, DIMM and RDIMM based on following DRAM versions: Micron 128Mx8 rev. M (U88B), Samsung 128Mx8 Rev G or Hynix 128Mx8 Rev K. Existing DDR2 2GB 2ranks SO-DIMM, DIMM and RDIMM using 16 or 18 Micron DRAM 128Mx8 rev. H (U68A) are being replaced by DDR2 2GB 2ranks SO-DIMM, DIMM and RDIMM based on following DRAM versions: Micron 128Mx8 rev. M (U88B), Samsung 128Mx8 Rev G or Hynix 128Mx8 Rev K. 																																																		
<p>Quality impact:</p> <p><input type="checkbox"/> minor / <input type="checkbox"/> major / <input checked="" type="checkbox"/> no</p>																																																		
<p>Reliability impact:</p> <p><input type="checkbox"/> minor / <input type="checkbox"/> major / <input checked="" type="checkbox"/> no</p>																																																		
<p>Reason for Change:</p> <p>Process Technology used for Micron's 1Gbit DDR2 SDRAM is shrinking from 50nm rev. H (U68A) to 30nm rev. M (U88B).</p>																																																		
<p>Products affected:</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:33%;">Current Part Number</th> <th style="width:33%;">Description</th> <th style="width:33%;">Preferred New Part Number</th> </tr> </thead> <tbody> <tr><td>(602805)SEN01G64D1BH1MT-25R</td><td>DDR2 1GB PC2-6400 SO-DIMM</td><td>SEN01G64D1BG1SA-25R</td></tr> <tr><td>(602809)SEN01G64D1BH1MT-30R</td><td>DDR2 1GB PC2-5300 SO-DIMM</td><td>SEN01G64D1BG1SA-25R</td></tr> <tr><td>(602897)SEN01G64D1BH1MT-25WR</td><td>DDR2 1GB PC2-6400 SO-DIMM IT</td><td>SEN01G64D1BG1SA-25WR</td></tr> <tr><td>(602905)SEN01G64D1BH1MT-30ER</td><td>DDR2 1GB PC2-5300 SO-DIMM IT</td><td>SEN01G64D1BG1SA-25ER</td></tr> <tr><td>(602914)SEN01G64D1BH1MT-30WR</td><td>DDR2 1GB PC2-5300 SO-DIMM IT</td><td>SEN01G64D1BG1SA-25WR</td></tr> <tr><td>(603205)SEN01G64D1BH1MT-37R</td><td>DDR2 1GB PC2-4200 SO-DIMM</td><td>SEN01G64D1BG1SA-25R</td></tr> <tr><td>(602806)SEN02G64C4BH2MT-25R</td><td>DDR2 2GB PC2-6400 SO-DIMM</td><td>SEN02G64C4BG2SA-25R</td></tr> <tr><td>(602810)SEN02G64C4BH2MT-30R</td><td>DDR2 2GB PC2-5300 SO-DIMM</td><td>SEN02G64C4BG2SA-25R</td></tr> <tr><td>(602906)SEN02G64C4BH2MT-30ER</td><td>DDR2 2GB PC2-5300 SO-DIMM IT</td><td>SEN02G64C4BG2SA-25ER</td></tr> <tr><td>(602915)SEN02G64C4BH2MT-25WR</td><td>DDR2 2GB PC2-6400 SO-DIMM IT</td><td>SEN02G64C4BG2SA-25WR</td></tr> <tr><td>(602987)SEN02G64C4BH2MT-30WR</td><td>DDR2 2GB PC2-5300 SO-DIMM IT</td><td>SEN02G64C4BG2SA-25WR</td></tr> <tr><td>(604173)SEN02G64C4BH2MT-30R-KC</td><td>DDR2 2GB PC2-5300 SO-DIMM</td><td>SEN02G64C4BG2SA-25R-KC</td></tr> <tr><td>(602838)SEN06464H2CH1MT-30R</td><td>DDR2 512MB PC2-5300 SO-DIMM</td><td>SEN06464H2CG1SA-25R</td></tr> <tr><td>(602839)SEN06464H2CH1MT-25R</td><td>DDR2 512MB PC2-6400 SO-DIMM</td><td>SEN06464H2CG1SA-25R</td></tr> <tr><td>(602904)SEN06464H2CH1MT-30ER</td><td>DDR2 512MB PC2-5300 SO-DIMM IT</td><td>SEN06464H2CG1SA-25ER</td></tr> </tbody> </table>			Current Part Number	Description	Preferred New Part Number	(602805)SEN01G64D1BH1MT-25R	DDR2 1GB PC2-6400 SO-DIMM	SEN01G64D1BG1SA-25R	(602809)SEN01G64D1BH1MT-30R	DDR2 1GB PC2-5300 SO-DIMM	SEN01G64D1BG1SA-25R	(602897)SEN01G64D1BH1MT-25WR	DDR2 1GB PC2-6400 SO-DIMM IT	SEN01G64D1BG1SA-25WR	(602905)SEN01G64D1BH1MT-30ER	DDR2 1GB PC2-5300 SO-DIMM IT	SEN01G64D1BG1SA-25ER	(602914)SEN01G64D1BH1MT-30WR	DDR2 1GB PC2-5300 SO-DIMM IT	SEN01G64D1BG1SA-25WR	(603205)SEN01G64D1BH1MT-37R	DDR2 1GB PC2-4200 SO-DIMM	SEN01G64D1BG1SA-25R	(602806)SEN02G64C4BH2MT-25R	DDR2 2GB PC2-6400 SO-DIMM	SEN02G64C4BG2SA-25R	(602810)SEN02G64C4BH2MT-30R	DDR2 2GB PC2-5300 SO-DIMM	SEN02G64C4BG2SA-25R	(602906)SEN02G64C4BH2MT-30ER	DDR2 2GB PC2-5300 SO-DIMM IT	SEN02G64C4BG2SA-25ER	(602915)SEN02G64C4BH2MT-25WR	DDR2 2GB PC2-6400 SO-DIMM IT	SEN02G64C4BG2SA-25WR	(602987)SEN02G64C4BH2MT-30WR	DDR2 2GB PC2-5300 SO-DIMM IT	SEN02G64C4BG2SA-25WR	(604173)SEN02G64C4BH2MT-30R-KC	DDR2 2GB PC2-5300 SO-DIMM	SEN02G64C4BG2SA-25R-KC	(602838)SEN06464H2CH1MT-30R	DDR2 512MB PC2-5300 SO-DIMM	SEN06464H2CG1SA-25R	(602839)SEN06464H2CH1MT-25R	DDR2 512MB PC2-6400 SO-DIMM	SEN06464H2CG1SA-25R	(602904)SEN06464H2CH1MT-30ER	DDR2 512MB PC2-5300 SO-DIMM IT	SEN06464H2CG1SA-25ER
Current Part Number	Description	Preferred New Part Number																																																
(602805)SEN01G64D1BH1MT-25R	DDR2 1GB PC2-6400 SO-DIMM	SEN01G64D1BG1SA-25R																																																
(602809)SEN01G64D1BH1MT-30R	DDR2 1GB PC2-5300 SO-DIMM	SEN01G64D1BG1SA-25R																																																
(602897)SEN01G64D1BH1MT-25WR	DDR2 1GB PC2-6400 SO-DIMM IT	SEN01G64D1BG1SA-25WR																																																
(602905)SEN01G64D1BH1MT-30ER	DDR2 1GB PC2-5300 SO-DIMM IT	SEN01G64D1BG1SA-25ER																																																
(602914)SEN01G64D1BH1MT-30WR	DDR2 1GB PC2-5300 SO-DIMM IT	SEN01G64D1BG1SA-25WR																																																
(603205)SEN01G64D1BH1MT-37R	DDR2 1GB PC2-4200 SO-DIMM	SEN01G64D1BG1SA-25R																																																
(602806)SEN02G64C4BH2MT-25R	DDR2 2GB PC2-6400 SO-DIMM	SEN02G64C4BG2SA-25R																																																
(602810)SEN02G64C4BH2MT-30R	DDR2 2GB PC2-5300 SO-DIMM	SEN02G64C4BG2SA-25R																																																
(602906)SEN02G64C4BH2MT-30ER	DDR2 2GB PC2-5300 SO-DIMM IT	SEN02G64C4BG2SA-25ER																																																
(602915)SEN02G64C4BH2MT-25WR	DDR2 2GB PC2-6400 SO-DIMM IT	SEN02G64C4BG2SA-25WR																																																
(602987)SEN02G64C4BH2MT-30WR	DDR2 2GB PC2-5300 SO-DIMM IT	SEN02G64C4BG2SA-25WR																																																
(604173)SEN02G64C4BH2MT-30R-KC	DDR2 2GB PC2-5300 SO-DIMM	SEN02G64C4BG2SA-25R-KC																																																
(602838)SEN06464H2CH1MT-30R	DDR2 512MB PC2-5300 SO-DIMM	SEN06464H2CG1SA-25R																																																
(602839)SEN06464H2CH1MT-25R	DDR2 512MB PC2-6400 SO-DIMM	SEN06464H2CG1SA-25R																																																
(602904)SEN06464H2CH1MT-30ER	DDR2 512MB PC2-5300 SO-DIMM IT	SEN06464H2CG1SA-25ER																																																

Product/Process Change Notification Form

(602993)SEN06464H2CH1MT-30WR	DDR2 512MB PC2-5300 SO-DIMM IT	SEN06464H2CG1SA-25WR
(603363)SEN06464H2CH1MT-25WR	DDR2 512MB PC2-6400 SO-DIMM IT	SEN06464H2CG1SA-25WR
(603087)SEN01G64E1CH2MT-30R	DDR2 1GB PC2-5300 SO-DIMM	SEN01G64D1BG1SA-25R
(602720)MEN01G64D1BH1MT-25R	DDR2 1GB PC2-6400 SO-DIMM	SEN01G64D1BG1SA-25R
(602721)MEN02G64D2BH2MT-25R	DDR2 2GB PC2-6400 SO-DIMM	SEN02G64C4BG2SA-25R
(603380)MEN01G64D1BH1MT-30R	DDR2 1GB PC2-5300 SO-DIMM	SEN01G64D1BG1SA-25R
(602803)SEU01G64A3BH1MT-25R	DDR2 1GB PC2-6400 UDIMM	SEU01G64A3BG1SA-25R
(602807)SEU01G64A3BH1MT-30R	DDR2 1GB PC2-5300 UDIMM	SEU01G64A3BG1SA-25R
(603584)SEU01G64A3BH1MT-25WR	DDR2 1GB PC2-6400 UDIMM IT	SEU01G64A3BG1SA-25WR
(602804)SEU02G64B3BH2MT-25R	DDR2 2GB PC2-6400 UDIMM	SEU02G64B3BG2SA-25R
(602808)SEU02G64B3BH2MT-30R	DDR2 2GB PC2-5300 UDIMM	SEU02G64B3BG2SA-25R
(603098)SEU02G64B3BH2MT-25WR	DDR2 2GB PC2-6400 UDIMM IT	SEU02G64B3BG2SA-25WR
(602869)SEU01G72S1BH1MT-25R	DDR2 1GB PC2-6400 ECC UDIMM	SEU01G72T1BG1SA-25R
(602870)SEU02G72T1BH2MT-25R	DDR2 2GB PC2-6400 ECC UDIMM	SEU02G72T1BG2SA-25R
(603128)SEU02G72D4BH2MT-30R	DDR2 2GB PC2-5300 ECC UDIMM	SEU02G72T1BG2SA-25R
(603765)SEU01G72D4BH1MT-30R	DDR2 1GB PC2-5300 ECC UDIMM	SEU01G72T1BG1SA-25R
(602836)SEU06464H1CH1MT-30R	DDR2 512MB PC2-5300 UDIMM	SEU06464H1CG1SA-25R
(602837)SEU06464H1CH1MT-25R	DDR2 512MB PC2-6400 UDIMM	SEU06464H1CG1SA-25R
(602718)MEU01G64D5BH1MT-25R	DDR2 1GB PC2-6400 UDIMM	SEU01G64A3BG1SA-25R
(602719)MEU02G64D6BH2MT-25R	DDR2 2GB PC2-6400 UDIMM	SEU02G64B3BG2SA-25R
(603414)MEU02G64D6BH2MT-30R	DDR2 2GB PC2-5300 UDIMM	SEU02G64B3BG2SA-25R
(602821)SEP02G72D1BH2MT-30R-B	DDR2 2GB PC2-5300 PDIMM	No replacement planned
(603366)SEP02G72D1BH2MT-30R	DDR2 2GB PC2-5300 PDIMM	SEP02G72D1BG2SA-25R
(602864)SEP02G72D1BH2MT-25R	DDR2 2GB PC2-6400 PDIMM	SEP02G72D1BG2SA-25R
(602911)SEP02G72E1BH2MT-30R	DDR2 2GB PC2-5300 PDIMM	SEP02G72E1BG2SA-25R
(602815)SEP04G72G1AH2MT-25R	DDR2 4GB PC2-6400 PDIMM	tbd
(602831)SEP04G72G1AH2MT-30R	DDR2 4GB PC2-5300 PDIMM	tbd
(603220)SEG01G72A1BH1MT-30R	DDR2 1GB PC2-5300 SO-RDIMM	SEG01G72A1BM1MT-25R
(603221)SEG01G72A1BH1MT-37R	DDR2 1GB PC2-4200 SO-RDIMM	SEG01G72A1BM1MT-25R
(603342)SEG01G72A1BH1MT-30WR (IT DRAM)	DDR2 1GB PC2-5300 SO-RDIMM IT	SEG01G72A1BM1MT-25WR (IT DRAM)
(602829)SEH01G72A1BH1MT-30R	DDR2 1GB PC2-5300 Mini-RDIMM	SEH01G72A1BM1MT-25R
(603610)SEH01G72A1BH1MT-30WR (IT DRAM)	DDR2 1GB PC2-5300 Mini-RDIMM IT	SEH01G72A1BM1MT-25WR (IT DRAM)
(602918)SEM01G64A1CH2MT-30R	DDR2 1GB PC2-5300 Micro-DIMM	tbd
Implementation date:		
May 2014		

Product/Process Change Notification Form

Forecasted Milestones:		
Milestone	Date	
Provide PCN to customer	May 28th, 2014	
Send new qualification samples to customer	Contact your sales representative	
Last time buy	August 25th, 2014	
Last time shipment	May 31st, 2015	

Recommended Action: Please contact your sales representative for identification of best replacement module. Order respective samples for qualification of new memory modules.

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	ulrich.brandt@swissbit.com
FAE Memory Modules	Martin Osterwalder	martin.osterwalder@swissbit.com