

Product/Process Change Notification Form

PCN #: PCN_20160708_Samsung_DDR2_1Gbit_revG_EOL.docx		Rev: 1.0	Issue Date: 8th July, 2016
Type of Change: EOL of existing DDR2 512MB, 1GB and 2GB SO-DIMM, DIMM and RDIMM using Samsung 1Gbit rev. G DRAM. <input type="checkbox"/> minor / <input checked="" type="checkbox"/> major			
Detailed Description of Change: This notification is to inform Swissbit customers about replacement of existing DDR2 512MB, 1GB and 2GB SO-DIMM, DIMM and RDIMM using Samsung 1Gbit rev. G DRAM: <ul style="list-style-type: none"> Existing DDR2 512MB 1rank SO-DIMM and DIMM using 4 Samsung DRAM 64Mx16 rev. G are being replaced by DDR2 512MB 1rank SO-DIMM and DIMM Samsung DRAM 64Mx16 rev. J. Existing DDR2 1GB 1rank SO-DIMM, DIMM and RDIMM using 8 or 9 Samsung DRAM 128Mx8 rev. G are being replaced by DDR2 1GB 1rank SO-DIMM, DIMM and RDIMM using 8 or 9 Samsung DRAM 128Mx8 rev. J. Existing DDR2 2GB 2ranks SO-DIMM, DIMM and RDIMM using 16 or 18 Samsung DRAM 128Mx8 rev. G are being replaced by DDR2 2GB 2ranks SO-DIMM, DIMM and RDIMM using 16 or 18 Samsung DRAM 128Mx8 rev. J. 			
Quality impact: <input type="checkbox"/> minor / <input type="checkbox"/> major / <input checked="" type="checkbox"/> no			
Reliability impact: <input type="checkbox"/> minor / <input type="checkbox"/> major / <input checked="" type="checkbox"/> no			
Reason for Change: Process Technology used for Samsung's 1Gbit DDR2 SDRAM is shrinking from 35nm rev. G to 25nm rev. J.			
Products affected:			
Current Part Number	Description	New Part Number	
SEN06464E1CG1SA-30R (605090)	DDR2 512MB PC2-5300 SODIMM	no replacement planned / Contact your sales representative	
SEN06464H2CG1SA-25R (604801)	DDR2 512MB PC2-6400 SODIMM	SEN06464H2CJ1SA-25R	
SEN06464H2CG1SA-25ER (604870)	DDR2 512MB PC2-6400 SODIMM	SEN06464H2CJ1SA-25ER	
SEN06464H2CG1SA-25IR (604871)	DDR2 512MB PC2-6400 SODIMM IT	no replacement planned / Contact your sales representative	
SEN06464H2CG1SA-25WR (604872)	DDR2 512MB PC2-6400 SODIMM IT	SEN06464H2CJ1SA-25WR	
SEN01G64D1BG1SA-25R (604833)	DDR2 1GB PC2-6400 SODIMM	SEN01G64D1BJ1SA-25R	
SEN01G64D1BG1SA-25ER (604873)	DDR2 1GB PC2-6400 SODIMM IT	SEN01G64D1BJ1SA-25ER	
SEN01G64D1BG1SA-25IR (604874)	DDR2 1GB PC2-6400 SODIMM IT	no replacement planned / Contact your sales representative	
SEN01G64D1BG1SA-25WR (604875)	DDR2 1GB PC2-6400 SODIMM IT	SEN01G64D1BJ1SA-25WR	
SEN02G64C4BG2SA-25R (604834)	DDR2 2GB PC2-6400 SODIMM	SEN02G64C4BJ2SA-25R	
SEN02G64C4BG2SA-25ER (604876)	DDR2 2GB PC2-6400 SODIMM IT	SEN02G64C4BJ2SA-25ER	
SEN02G64C4BG2SA-25IR (604877)	DDR2 2GB PC2-6400 SODIMM IT	no replacement planned / Contact your sales representative	
SEN02G64C4BG2SA-25WR (604878)	DDR2 2GB PC2-6400 SODIMM IT	SEN02G64C4BJ2SA-25WR	
SEU01G64A3BG1SA-25R (604887)	DDR2 1GB PC2-6400 UDIMM	no replacement planned / Contact your	

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		sales representative
SEU01G72T1BG1SA-25R (604913)	DDR2 1GB PC2-6400 ECC UDIMM	no replacement planned / Contact your sales representative
SEU01G72T1BG1SA-30R (605486)	DDR2 1GB PC2-5300 ECC UDIMM	no replacement planned / Contact your sales representative
SEU02G64B3BG2SA-25R (604888)	DDR2 2GB PC2-6400 UDIMM	no replacement planned / Contact your sales representative
SEU02G64B3BG2SA-25WR (605478)	DDR2 2GB PC2-6400 UDIMM IT	no replacement planned / Contact your sales representative
SEP01G72J2BG1SA-25R (604908)	DDR2 1GB PC2-6400 RDIMM	no replacement planned / Contact your sales representative
SEP01G72J2BG1SA-37R-KC (604863)	DDR2 1GB PC2-4200 RDIMM	no replacement planned / Contact your sales representative
SEP25672G2AG2SA-37R (601953)	DDR2 2GB PC2-4200 RDIMM	no replacement planned / Contact your sales representative
SEP02G72E2BG2SA-25R (605096)	DDR2 2GB PC2-6400 RDIMM	no replacement planned / Contact your sales representative
SEP02G72E2BG2SA-37R-KC (604864)	DDR2 2GB PC2-4200 RDIMM	no replacement planned / Contact your sales representative

Implementation date:

July 2016

Forecasted Milestones:

Milestone	Date
Provide PCN to customer	08. July, 2016
Availability of Samsung rev. J new qualification samples	August – September, 2016
Last Time Buy	15. October, 2016
Last Time Shipment	15. January, 2017

Recommended Action: Order samples and qualify above mentioned replacement memory modules. Contact your sales representative for information on alternative module solutions or extended availability.

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	Adrian Boos	adrian.boos@swissbit.com
FAE Memory Modules	Martin Osterwalder	martin.osterwalder@swissbit.com

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.