

# Product/Process Change Notification Form

<b>PCN #:</b> PCN_Samsung_DDR1_512Mb_revJ_20140808_UBNA.docx	<b>Rev:</b> 1.0	<b>Issue Date:</b> 15/08/2014																																																																																										
<b>Type of Change:</b> EOL of existing DDR1 SODIMMs and DIMMs using SAMSUNG 64Mx8 or 32Mx16 rev. J DRAMs. <input type="checkbox"/> minor / <input checked="" type="checkbox"/> major																																																																																												
<b>Detailed Description of Change:</b> This notification is to inform Swissbit customers about End of Life for all Swissbit products based on SAMSUNG 512Mb Rev.J DDR1 technology.  Swissbit is evaluating multiple options as replacement modules. Please contact your sales representative for the best solution.																																																																																												
<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> SAMSUNG DDR1 products are end of life																																																																																												
<b>Products affected:</b> <table border="1" style="width:100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th style="width:35%;">Current Part Number</th> <th style="width:35%;">Description</th> <th style="width:30%;">Replacement P/N</th> </tr> </thead> <tbody> <tr><td>SDN03264C1CJ1SA-50R (604187)</td><td>256MB DDR1-400 SODIMM</td><td>Contact your sales representative</td></tr> <tr><td>SDN03264C1CJ1SA-60IR (604303)</td><td>256MB DDR1-333 SODIMM IT</td><td>Contact your sales representative</td></tr> <tr><td>SDN03264C1CJ1SA-60ER (604357)</td><td>256MB DDR1-333 SODIMM IT</td><td>Contact your sales representative</td></tr> <tr><td>SDN03264C1CJ1SA-50IR (604370)</td><td>256MB DDR1-400 SODIMM IT</td><td>Contact your sales representative</td></tr> <tr><td>SDN03264C1CJ1SA-50WR (604371)</td><td>256MB DDR1-400 SODIMM IT</td><td>Contact your sales representative</td></tr> <tr><td>SDN03264C1CJ1SA-60R (604392)</td><td>256MB DDR1-333 SODIMM</td><td>Contact your sales 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<b>Implementation date:</b>					
August 2014					
<b>Forecasted Milestones:</b>					
<b>Milestone</b>				<b>Date</b>	
Provide PCN to customer				August 13, 2014	
Last time buy				November 14, 2014	
Last time shipment				February 27, 2015	
<b>New Product strategy SODIMMs</b>					
<b>Standard height 1.25 "</b>					
<b>Density</b>	<b>Conf.</b>	<b>Current product</b>	<b>New product #1</b>	<b>New product #2</b>	<b>Alternative</b>
256MB	1Rx16	SND03264G1CJ1SA-x TSOP	SDN03264G1CE1NA-x TSOP	SDN03264G1CJ1MT-x TSOP	
512MB	2Rx16		SDN06464G1CE2NA TSOP		
512MB	1Rx8			SDN06464K1BJ1MT-x TSOP	SDN06464K1BF1MT-x TSOP
1GB	2Rx8				
<b>Reduced height 1.00"</b>					
<b>Density</b>	<b>Conf.</b>	<b>Current product</b>	<b>New product #1</b>	<b>New product #2</b>	<b>Alternative</b>
256MB	1Rx16	SND03264C1CJ1SA-x BGA	SND03264C1CB1ET-x BGA	SND03264C1CJ1MT-x BGA	
512MB	2Rx16				
512MB	1Rx8	SND06464D1CJ1SA-x BGA	SND06464D1CB1ET-x BGA	SND06464D1CJ1MT-x BGA	
1GB	2Rx8	SND06464D1CJ2SA-x BGA	SND06464D1CB2ET-x BGA	SND06464D1CJ2MT-x BGA	
		Samsung Rev J	Nanya Rev E	Micron Rev J	Micron Rev F
			Etron Rev B		
<b>Recommended Action:</b> Please contact your sales rep to check availability of stock items or place new sample orders.					
<b>Reference Documents / Attachments:</b> -					
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.					
<b>Contacts</b>		<b>Name</b>		<b>Email</b>	
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>	