

Product Notification Form

PN #: PCN_20140402_SFUX_MCU_FW	Rev: 1.0	Issue Date: April 02, 2014				
Type of Change: <input type="checkbox"/> minor / <input checked="" type="checkbox"/> major						
Detailed description of change: This notification is to inform you about a firmware optimization of U-110 and unitedCONTRAST II product series. The new firmware/MCU revision contains the following improvements: <ul style="list-style-type: none"> - Power cycling stability improvements - Compatibility improvements with certain host timing requirements by high stress power fail The controller of the current UFD product series will be replaced, by the same MCU technology in the latest compliant revision of silicon motion controller. <table style="width:100%; margin-top: 10px;"> <tr> <td style="width:50%;">Current MCU:</td> <td style="width:50%;">New MCU:</td> </tr> <tr> <td>SM 3252BA</td> <td>SM 3252BB</td> </tr> </table>			Current MCU:	New MCU:	SM 3252BA	SM 3252BB
Current MCU:	New MCU:					
SM 3252BA	SM 3252BB					
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: Power cycling, compatibility improvements and new MCU revision for better firmware support.						
Products affected (FW and MCU change):						
	Series	Part number				
unitedCONTRAST		SFU20512E1BP2TO-t-MS-111-STD				
		SFU21024E1BP2TO-t-MS-111-STD				
		SFU22048E1BP2TO-t-MS-111-STD				
		SFU24096E1BP2TO-t-DT-111-STD				
		SFU28192E1BP2TO-t-QT-111-STD				
		SFU2xxxxE1BP2TO-t-xx-xxx-xxx				
U-110		SFU1024y1BP2TO-t-MS-211-STD				
		SFU12048y1BP2TO-t-MS-211-STD				
		SFU14096y1BP2TO-t-DT-211-STD				
		SFU18192y1BP2TO-t-QT-211-STD				
		SFU1xxxxy1BP2TO-t-xx-xxx-xxx				
		SFU1xxxxy3BP2TO-t-xx-xxx-xxx				
t = temperature grade C or I; y = 2.00mm or 2.54mm pitch (K / J) ; x = density, options and custom configuration						
Products affected (only FW change):						
	Series	Part number				
unitedCONTRAST		SFU216GBE1BP2MT-t-QT-121-STD				
		SFU216GBE1BP2MT-t-xx-xxx-xxx				
U-110		SFU16GBY1BP2MT-t-QT-221-STD				
		SFU16GBY1BP2MT-t-xx-xxx-xxx				
t = temperature grade C or I; y = 2.00mm or 2.54mm pitch (K / J) ; x = density, options and custom configuration						
Implementation date: immediate						

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Forecasted Milestones:		
Milestone	Date	
Qualification samples	New samples are ready for shipment	
Last Time Buy	June 30, 2014	
Last Time Shipment	September 30, 2014	
Recommended Action: change to new variation with no need of full re-qualification		
Reference Documents / Attachments: N/A		
<p>Should you have any issues with the timeline or content of this change, please contact the representative listed below in our area within 20 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.</p>		
Contacts	Name	Email
Application Engineer - EMEA	Pablo Dorransoro	pablo.dorransoro@swissbit.com
Application Engineer - NA	Roland Ochoa	roland.ochoa@swissbit.com
Application Engineer - JP	Junji Kaneko	junji.kaneko@swissbit.com
<p>IMPORTANT NOTE:</p> <p>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 apology for any inconvenience caused.</p>		

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Products affected:

USB unitedCONTRAST II		UFDi	
SAP	Part number	SAP	Part number
603402	SFU20512E1BP2TO-C-MS-111-STD	603460	SFU1024K1BP2TO-C-MS-211-STD
603407	SFU20512E1BP2TO-I-MS-111-STD	603464	SFU1024K1BP2TO-E-MS-211-STD
603403	SFU21024E1BP2TO-C-MS-111-STD	603468	SFU1024K1BP2TO-I-MS-211-STD
603408	SFU21024E1BP2TO-I-MS-111-STD	603390	SFU1024J1BP2TO-C-MS-211-STD
603404	SFU22048E1BP2TO-C-MS-111-STD	603394	SFU1024J1BP2TO-E-MS-211-STD
603409	SFU22048E1BP2TO-I-MS-111-STD	603398	SFU1024J1BP2TO-I-MS-211-STD
603405	SFU24096E1BP2TO-C-DT-111-STD	603461	SFU12048K1BP2TO-C-MS-211-STD
603410	SFU24096E1BP2TO-I-DT-111-STD	603465	SFU12048K1BP2TO-E-MS-211-STD
603405	SFU24096E1BP2TO-C-DT-111-STD	603469	SFU12048K1BP2TO-I-MS-211-STD
603410	SFU24096E1BP2TO-I-DT-111-STD	603391	SFU12048J1BP2TO-C-MS-211-STD
603406	SFU28192E1BP2TO-C-QT-111-STD	603395	SFU12048J1BP2TO-E-MS-211-STD
603411	SFU28192E1BP2TO-I-QT-111-STD	603399	SFU12048J1BP2TO-I-MS-211-STD
604051	SFU216GBE1BP2MT-I-QT-121-STD	603462	SFU14096K1BP2TO-C-DT-211-STD
604085	SFU216GBE1BP2MT-C-QT-121-STD	603466	SFU14096K1BP2TO-E-DT-211-STD
604085	SFU216GBE1BP2MT-C-QT-121-STD	603470	SFU14096K1BP2TO-I-DT-211-STD
		603392	SFU14096J1BP2TO-C-DT-211-STD
		603396	SFU14096J1BP2TO-E-DT-211-STD
		603400	SFU14096J1BP2TO-I-DT-211-STD
		603463	SFU18192K1BP2TO-C-QT-211-STD
		603467	SFU18192K1BP2TO-E-QT-211-STD
		603471	SFU18192K1BP2TO-I-QT-211-STD
		603393	SFU18192J1BP2TO-C-QT-211-STD
		603397	SFU18192J1BP2TO-E-QT-211-STD
		603401	SFU18192J1BP2TO-I-QT-211-STD
		604050	SFU16GBJ1BP2MT-I-QT-221-STD
		604086	SFU16GBJ1BP2MT-C-QT-221-STD