



Microsemi Corporation

October 8, 2014

Customer Notification No: CN1419

Customer Advisory Notice (CAN)

Subject: Availability of SmartFusion2 and IGLOO2 Data Security, “S” Devices

Dear Customer,

This notification describes Microsemi's planned product offering for our high security S devices. In order to achieve operational and manufacturing efficiencies Microsemi has decided to only offer the S devices in certain die package combinations as indicated in tables 1 and 2.

Figure 1 Previous SmartFusion2 S device offering

	SmartFusion2 Data Security "S" devices offering (all speed grades, C and I temp)									
Density	FCS325	VF256	FCS536	VF400	FCV484	TQ144	FG484	FG676	FG896	FC1152
M2S005		S		S		S	S			
M2S010		S & TS		S & TS		S	S & TS			
M2S025	S & TS	S & TS		S & TS			S & TS			
M2S050	S & TS			S & TS			S & TS		S & TS	
M2S090	S & TS						S & TS	S & TS		
M2S150			S & TS		S & TS					S & TS

Figure 2 Current SmartFusion2 S device offering

	SmartFusion2 Data Security "S" devices offering (all speed grades, C and I temp)									
Density	FCS325	VF256	FCS536	VF400	FCV484	TQ144	FG484	FG676	FG896	FC1152
M2S005		S		S		S	S			
M2S010		TS		TS		S	TS			
M2S025	TS	TS		TS			TS			
M2S050	TS			TS			TS		TS	
M2S090	TS						TS	TS		
M2S150			TS		TS					TS

Figure 2 Previous IGLOO2 S device offering

	IGLOO2 Data Security "S" devices offering (all speed grades, C and I temp)									
Density	FCS325	VF256	FCS536	VF400	FCV484	TQ144	FG484	FG676	FG896	FC1152
M2GL005		S		S		S	S			
M2GL010		S & TS		S & TS		S	S & TS			
M2GL025	S & TS	S & TS		S & TS			S & TS			
M2GL050	S & TS			S & TS			S & TS		S & TS	
M2GL090	S & TS						S & TS	S & TS		
M2GL150			S & TS		S & TS					S & TS

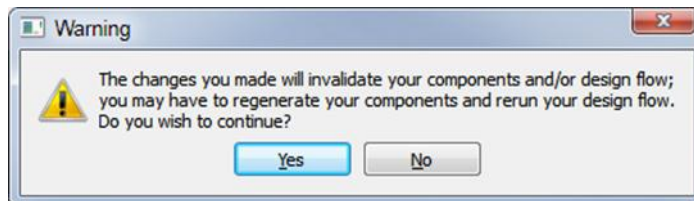
Figure 2 Current IGLOO2 S device offering

	IGLOO2 Data Security "S" devices offering (all speed grades, C and I temp)									
Density	FCS325	VF256	FCS536	VF400	FCV484	TQ144	FG484	FG676	FG896	FC1152
M2GL005		S		S		S	S			
M2GL010		TS		TS		S	TS			
M2GL025	TS	TS		TS			TS			
M2GL050	TS			TS			TS		TS	
M2GL090	TS						TS	TS		
M2GL150			TS		TS					TS

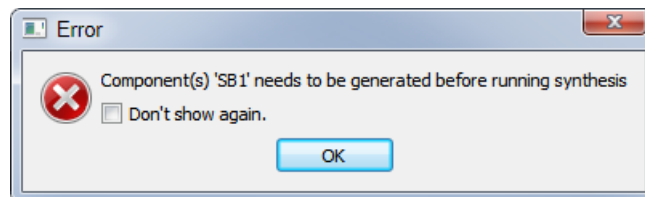
Suggested Action

1. Upgrade your design using Libero 11.4 SP1.
2. Select the new TS version of your die/pkg combination

You will see this dialog box pop up. Click Yes



After clicking yes the following error message will pop up. Open up System builder and regenerate the design.



3. Generate a new bitstream (Click on the Generate Bitstream button on the toolbar)



4. Save your design

No changes to your design are needed. Libero 11.4 SP1 will handle the transition for you automatically. Libero 11.5 will remove the standalone S devices from the device selection list. The scheduled release data for Libero 11.5 is November 30th, 2015

If you have any questions related to this topic, please contact Microsemi's Application Technical Support at soc_tech@microsemi.com.

Regards,

Microsemi Corporation

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