



## Product Change Notice (mSATA H1-M Flash Transition from Toshiba A19nm to 15nm)

Dear Valued Customers,

Apacer hereby announces the Product Change Notice of mSATA H1-M series products, as a result of reacting to the End of Life of Toshiba MLC A19nm 32Gb, 64Gb, 128Gb, 256Gb NAND flash. The alternative flash are Toshiba MLC 15nm 32Gb, 64Gb, 128Gb, 256Gb NAND flash. Those new flash have passed all validations and qualification tests with no function or compatibility issue. Please refer to below PCN table for details.

<b>PCN Number:</b>	E151231-11	<b>Release Date:</b>	12/31/2015
<b>Affected Product Model</b>	mSATA H1-M		
<b>Subject :</b>			
mSATA H1-M Flash Transition from Toshiba A19nm to 15nm			
<b>Description of Change:</b>			
<ol style="list-style-type: none"> <li>1. To react the End of Life of Toshiba MLC A19nm 32Gb, 64Gb, 128Gb, 256Gb NAND flash, affected products have applied Toshiba 15nm 32Gb, 64Gb, 128Gb, 256Gb flash ID and passed the verification and qualification with no function and compatibility issues.</li> <li>2. Firmware version moves to 925A to support Toshiba 15nm NAND flash</li> </ol>			
<b>Recommended Action :</b>			
For long-term supply and cost perspective, Apacer recommends customers to qualify Toshiba 15nm MLC flash in a timely manner.			
<b>Description of Product Part Number Change:</b>			
The new part numbers are listed here			
Operating Temperature (0°C ~ 70°C)			
Existing (A19)		New (15nm)	
Without DEVSLP M/N	With DEVSLP M/N	Without DEVSLP M/N	With DEVSLP M/N
APSDM008GM1HN-7TM	APSDM008GM1HN-8TM	APSDM008GM1HN-GTM1	APSDM008GM1HN-HTM1
APSDM016GM1HN-7TM	APSDM016GM1HN-8TM	APSDM016GM1HN-GTM1	APSDM016GM1HN-HTM1
APSDM032GM1HN-7TM	APSDM032GM1HN-8TM	APSDM032GM1HN-GTM1	APSDM032GM1HN-HTM1
APSDM064GM1HN-7TM	APSDM064GM1HN-8TM	APSDM064GM1HN-GTM1	APSDM064GM1HN-HTM1
APSDM128GM1HN-7TM	APSDM128GM1HN-8TM	APSDM128GM1HN-GTM1	APSDM128GM1HN-HTM1
APSDM256GM1HN-7TM	APSDM256GM1HN-8TM	APSDM256GM1HN-GTM1	APSDM256GM1HN-HTM1



*Operating Temperature (-40°C ~ 85°C)*

Existing (A19)		New (15nm)	
Without DEVSLP M/N	With DEVSLP M/N	Without DEVSLP M/N	With DEVSLP M/N
APSDM008GM1HN-7TMW	APSDM008GM1HN-8TMW	APSDM008GM1HN-GTM1W	APSDM008GM1HN-HTM1W
APSDM016GM1HN-7TMW	APSDM016GM1HN-8TMW	APSDM016GM1HN-GTM1W	APSDM016GM1HN-HTM1W
APSDM032GM1HN-7TMW	APSDM032GM1HN-8TMW	APSDM032GM1HN-GTM1W	APSDM032GM1HN-HTM1W
APSDM064GM1HN-7TMW	APSDM064GM1HN-8TMW	APSDM064GM1HN-GTM1W	APSDM064GM1HN-HTM1W
APSDM128GM1HN-7TMW	APSDM128GM1HN-8TMW	APSDM128GM1HN-GTM1W	APSDM128GM1HN-HTM1W
APSDM256GM1HN-7TMW	APSDM256GM1HN-8TMW	APSDM256GM1HN-GTM1W	APSDM256GM1HN-HTM1W

**Schedule:**

*15nm Sample Available Date: 01/05/2016*

*Non-Cancelable & Non-Returnable Last Buy Order: 03/23/2016*

*Last Time Buy Shipment Date: 06/30/2016*

Apacer would provide every necessary supports to ensure a smooth transition. If you have any questions and concerns with the content of this notice, please contact with Apacer sales representatives.

***Embedded Application Product Division  
Apacer Technology Inc.***