

**Product Change Notice**  
**(Flash Transition from Micron 25nm to Toshiba 24nm -Industrial CF6)**

Release date: Jul 31, 2017

Dear Valued Customers,

Apacer hereby announces the Product Change Notice of Industrial CF6 series products, as a result of reacting to the Micron SLC 25nm 32Gb, 64Gb, 128Gb, NAND flash supply tight. The alternative flash are Toshiba SLC 24nm 32Gb, 64Gb, 128Gb, 256Gb NAND flash. This change is backward compatible. Affected products which adopt new flash have been passed all verifications and qualifications with no function and compatibility issue.

The details of changing description, schedule and affected part number are listed at below table:

<b>PCN number:</b>	E170731-01	<b>Date:</b>	31/07/2017
<b>Affected Product Model</b>	Industrial CF6		
<b>Subject :</b>			
Flash Transition from Micron 25nm to Toshiba 24nm - Industrial CF6			
<b>Description of Change:</b>			
<ol style="list-style-type: none"> <li>To react the Micron SLC 25nm 32Gb, 64Gb, 128Gb, NAND flash supply tight, affected products have been applied Toshiba 24nm 32Gb, 64Gb, 128Gb, flash ID and passed the verification and qualification with no function and compatibility issues.</li> <li>Firmware version change to CFMAC11E to support Toshiba 24nm NAND flash</li> </ol>			
<b>Recommended Action :</b>			
For continuity of supply, Apacer recommends customers to qualify Toshiba 32nm & 24nm SLC flash for affected products in a timely manner.			
<b>Description of Product Part Number Change:</b>			
The new part numbers are listed here			
<b>Operating Temperature (0°C ~ 70°C)</b>			
<b>Existing AP/N</b>	<b>New P/N</b>		
AP-CF016GRAFS-NR	AP-CF016GRANS-NRC		
AP-CF016GRAFS-RM	AP-CF016GRANS-RMC		
AP-CF016GRAFS-NDNR	AP-CF016GRANS-NDNRC		
AP-CF032GRAFS-NR	AP-CF032GRANS-NRC		
AP-CF064GRAFS-NR	AP-CF064GRANS-NRC		
AP-CF064GRAFS-NRB	AP-CF064GRANS-NRC		

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

<b>Existing AP/N</b>	<b>New P/N</b>
AP-CF016GRAFS-ETNR	AP-CF016GRANS-ETNRC
AP-CF016GRAFS-ETRM	AP-CF016GRANS-ETRMC
AP-CF016GRAFS-ETNDNR	AP-CF016GRANS-ETNDNRC
AP-CF032GRAFS-ETNR	AP-CF032GRANS-ETNRC
AP-CF064GRAFS-ETNR	AP-CF064GRANS-ETNRC
AP-CF064GRAFS-ETNRB	AP-CF064GRANS-ETNRC

**Schedule:**

The new Sample Available Date: now  
Non-Cancelable & Non-Returnable Last Buy Order: Jan. 31, 2018  
Last Time Buy Shipment Date: Jul, 31, 2018

Apacer will 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.

We appreciate your cooperation and thank you for your continued support of Apacer products.

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