







### Product Change Notice (PCN)

<b>Changed Product:</b> HERCULES-K Series MLC CompactFlash (CF) Card Optional Rugged Metal Frame	<b>Doc. No.:</b> PCN_099-XXCFC-MKCTMA-1V0
	<b>Date:</b> 2016 / 04 / 12
<b>Change Description and the reasons:</b> Toshiba MLC flash IC manufacturing process has been upgraded from A19nm to 15nm. As Toshiba MLC A19nm flash IC chips announced EOL in 2015, in order to adapt to the MLC flash trend, APRO will now transit all Toshiba MLC A19nm products to Toshiba MLC 15nm products for longer lifetime and more stable availability.	
If you have any questions, please contact with your APRO Sales Account Manager.	
<b>Key Dates:</b> Last Buy: 2016 / 07 / 31 Last Shipment: 2016 / 10 / 31	

Part Number List ( Max. 20 codes)			
Operating Temp.	Capacity	Before Change	After Change
Standard Temp. 0°C~70°C	4GB	SP(R) <sup>1</sup> CFC004G-MKCTMA-XX <sup>2</sup>	SP(R)CFC004G-MKCTMB-XX
	8GB	SP(R)CFC008G-MKCTMA <sup>3</sup> -XX	SP(R)CFC008G-MKCTMB-XX
	16GB	SP(R)CFC016G-MKCTMA-XX	SP(R)CFC016G-MKCTMB-XX
	32GB	SP(R)CFC032G-MKCTMA-XX	SP(R)CFC032G-MKCTMB-XX
	64GB	SP(R)CFC064G-MKCTMA-XX	SP(R)CFC064G-MKCTMB-XX
	128GB	SP(R)CFC128G-MKCTMA-XX	SP(R)CFC128G-MKCTMB-XX
Operating Temp.	Capacity	Before Change	After Change
Wide Temp. -40°C~85°C	4GB	WP(R)CFC004G-MKCTMA-XXC	WP(R)CFC004G-MKCTMB-XXC
	8GB	WP(R)CFC008G-MKCTMA-XXC	WP(R)CFC008G-MKCTMB-XXC
	16GB	WP(R)CFC016G-MKCTMA-XXC	WP(R)CFC016G-MKCTMB-XXC
	32GB	WP(R)CFC032G-MKCTMA-XXC	WP(R)CFC032G-MKCTMB-XXC
	64GB	WP(R)CFC064G-MKCTMA-XXC	WP(R)CFC064G-MKCTMB-XXC
	128GB	WP(R)CFC128G-MKCTMA-XXC	WP(R)CFC128G-MKCTMB-XXC

**Remarks:**

- (R) stands for Rugged Metal CF frame
- Please see spec-sheet about the optional modes of -XX
- TMA vs TMB:  
 TMA stands for Toshiba MLC A19nm flash IC  
 TMB stands for Toshiba MLC 15nm flash IC

Production Management	Engineering Department	Product Management	Sales Department
 Bonnie Pong	 James Hsu	 Andy Lin	 Allie Chen