



Product Change Notice (PCN)

Changed Product: HERMIT-C Series MLC micro USB 2.0 Module (MUM) w/ Ultra high Random Speed	Doc. No.: PCN_099-XXMUM-HCCTMA-1V0
	Date: 2016 / 04 / 12
Change Description and the reasons: 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.	
Key Dates: Last Buy: 2016 / 07 / 31 Last Shipment: 2016/ 10 / 31	



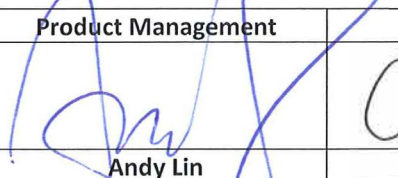
Part Number List (Max. 20 codes)			
Operating Temp.	Capacity	Before Change	After Change
Standard Temp. 0°C~70°C	4GB	SBMUM004G-HCCTMA ¹ -VS(-HS/-HL)/(C)	SBMUM004G-HCCTMB-VS(-HS/-HL)/(C)
	8GB	SBMUM008G-HCCTMA-VS(-HS/-HL)/(C)	SBMUM008G-HCCTMB-VS(-HS/-HL)/(C)
	16GB	SBMUM016G-HCCTMA-VS(-HS/-HL)/(C)	SBMUM016G-HCCTMB-VS(-HS/-HL)/(C)
	32GB	SBMUM032G-HCCTMA-VS(-HS/-HL)/(C)	SBMUM032G-HCCTMB-VS(-HS/-HL)/(C)
	64GB	SBMUM064G-HCCTMA-VS(-HS/-HL)/(C)	SBMUM064G-HCCTMB-VS(-HS/-HL)/(C)
Operating Temp.	Capacity	Before Change	After Change
Wide Temp. -40°C~85°C	4GB	WBMUM004G-HCCTMA-VS(-HS/-HL)/C	WBMUM004G-HCCTMB-VS(-HS/-HL)/C
	8GB	WBMUM008G-HCCTMA-VS(-HS/-HL)/C	WBMUM008G-HCCTMB-VS(-HS/-HL)/C
	16GB	WBMUM016G-HCCTMA-VS(-HS/-HL)/C	WBMUM016G-HCCTMB-VS(-HS/-HL)/C
	32GB	WBMUM032G-HCCTMA-VS(-HS/-HL)/C	WBMUM032G-HCCTMB-VS(-HS/-HL)/C
	64GB	WBMUM064G-HCCTMA-VS(-HS/-HL)/C	WBMUM064G-HCCTMB-VS(-HS/-HL)/C

Remarks:

1. 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
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