



End of Life Notification (EOL)

Date : 2014/10/17

Documentation No.: xxUFD-ADxSx-oV1

Product Name	1) HAMMER-D Series Industrial Semi-Metal USB Flash Disk - Generation 3 & 5 2) HAMMER-D Series Semi-Metal MLC USB Flash Disk - Generation 3 & 5 3) HAMMER-D Series Industrial Rugged Metal USB Flash Disk - Generation 4 & 4SB 4) HAMMER-D Series Rugged Metal MLC USB Flash Disk - Generation 4 & 4SB
Part Number	Please download the related spec-sheet for the part number via Alternative solution section.

Description :

2014/10/20 APRO announced officially EOL for:

- 1) HAMMER-D Series Industrial Semi-Metal USB Flash Disk - Generation 3 & 5
- 2) HAMMER-D Series Semi-Metal MLC USB Flash Disk - Generation 3 & 5
- 3) HAMMER-D Series Industrial Rugged Metal USB Flash Disk - Generation 4 & 4SB
- 4) HAMMER-D Series Rugged Metal MLC USB Flash Disk - Generation 4 & 4SB

The decision was based on the EOL of Samsung SLC/MLC Flash ICs. In response to the major changes, the HAMMER-D Series UFDs that currently use Samsung SLC/MLC Flash ICs will apply TOSHIBA SLC/MLC Flash ICs instead. Meanwhile, we also announced EOL for G3 UFD's housing, the alternative solution will be the G5 UFD.

We hope this advance notice would provide you with sufficient time to acknowledge the EOL information. If you have any questions about this EOL notification, please contact your APRO account manager. From now on APRO account manager will start to investigate customers' last buy so we can prepare for the stock accordingly.

Please refer to below active date's information for the projects with samples approved previously.

Last Buy: Before December 31, 2014

Last Delivery: Before March 31, 2015

Alternative Solution :


EOL item (HAMMER-D Series)	Spec-sheet	Alternative Solution (HERCULES-P Series)	Spec-sheet
G3 UFD SLC	Click Here	G5 UFD SLC	Click Here
G3 UFD MLC	Click Here	G5 UFD MLC	TBC
G4 UFD SLC	Click Here	G4 UFD SLC	Click Here
G4 UFD MLC	Click Here	G4 UFD MLC	TBC
G4SB UFD SLC	Click Here	G4SB UFD SLC	Click Here
G4SB UFD MLC	Click Here	G4SB UFD MLC	TBC
G5 UFD SLC	Click Here	G5 UFD SLC	Click Here
G5 UFD MLC	Click Here	G5 UFD MLC	TBC



The alternative solution will be:


- 1) HERCULES-P Series Industrial Semi-Metal USB Flash Disk - Generation 5
- 2) HERCULES-P Series Semi-Metal MLC USB Flash Disk - Generation 5
- 3) HERCULES-P Series Industrial Rugged Metal USB Flash Disk - Generation 4 & 4SB
- 4) HERCULES-P Series Rugged Metal MLC USB Flash Disk - Generation 4 & 4SB


Please see the following Appendix A: The part number list comparison for fast reference.

Appendix A:

Flash Type	Capacity	Operating Temperature	EOL Product	Alternative Solution	Old Product Picture
			HAMMER-D Series	HERCULES-P Series	
SLC	128MB	Standard Grade 0 ° C~70 ° C	SMUFD128M-ADCSC-3	SMUFD128M-MPCTC-5	
	256MB		SMUFD256M-ADCSC-3	SMUFD256M-MPCTC-5	
	512MB		SMUFD512M-ADCSC-3	SMUFD512M-MPCTC-5	
	1GB		SMUFD001G-ADCSC-3	SMUFD001G-MPCTC-5	
	2GB		SMUFD002G-ADCSC-3	SMUFD002G-MPCTC-5	
	4GB		SMUFD004G-ADCSC-3	SMUFD004G-MPCTC-5	
	8GB		SMUFD008G-ADCSC-3	SMUFD008G-MPCTC-5	
	16GB		NA	SMUFD016G-MPCTC-5	
	128MB	Industrial Grade -40 ° C~85 ° C	WMUFD128M-ADISI-3	WMUFD128M-MPITI-5	
	256MB		WMUFD256M-ADISI-3	WMUFD256M-MPITI-5	
	512MB		WMUFD512M-ADISI-3	WMUFD512M-MPITI-5	
	1GB		WMUFD001G-ADISI-3	WMUFD001G-MPITI-5	
	2GB		WMUFD002G-ADISI-3	WMUFD002G-MPITI-5	
	4GB		WMUFD004G-ADISI-3	WMUFD004G-MPITI-5	
	8GB		WMUFD008G-ADISI-3	WMUFD008G-MPITI-5	
	16GB		NA	WMUFD016G-MPITI-5	
Flash Type	Capacity	Operating Temperature	EOL Product	Alternative Solution	
			HAMMER-D Series	HERCULES-P Series	
MLC	1GB	Standard Grade 0 ° C~70 ° C	SMUFD001G-ADCSM-3	NA	
	2GB		SMUFD002G-ADCSM-3	NA	
	4GB		SMUFD004G-ADCSM-3	SMUFD004G-MPCTM-5	
	8GB		SMUFD008G-ADCSM-3	SMUFD008G-MPCTM-5	
	16GB		SMUFD016G-ADCSM-3	SMUFD016G-MPCTM-5	
	32GB		NA	SMUFD032G-MPCTM-5	
	1GB	Wide Temperature -40 ° C~85 ° C	WMUFD001G-ADCSM-3C	NA	
	2GB		WMUFD002G-ADCSM-3C	NA	
	4GB		WMUFD004G-ADCSM-3C	WMUFD004G-MPCTM-5C	
	8GB		WMUFD008G-ADCSM-3C	WMUFD008G-MPCTM-5C	
	16GB		WMUFD016G-ADCSM-3C	WMUFD016G-MPCTM-5C	
	32GB		NA	WMUFD032G-MPCTM-5C	

Flash Type	Capacity	Operating Temperature	EOL Product	Alternative Solution	Old Product Picture
			HAMMER-D Series	HERCULES-P Series	
SLC	128MB	Standard Grade 0 ° C~70 ° C	SRUFD128M-ADCSC-4	SRUFD128M-MPCTC-4	
	256MB		SRUFD256M-ADCSC-4	SRUFD256M-MPCTC-4	
	512MB		SRUFD512M-ADCSC-4	SRUFD512M-MPCTC-4	
	1GB		SRUFD001G-ADCSC-4	SRUFD001G-MPCTC-4	
	2GB		SRUFD002G-ADCSC-4	SRUFD002G-MPCTC-4	
	4GB		SRUFD004G-ADCSC-4	SRUFD004G-MPCTC-4	
	8GB		SRUFD008G-ADCSC-4	SRUFD008G-MPCTC-4	
	16GB		NA	SRUFD016G-MPCTC-4	
	128MB	Industrial Grade -40 ° C~85 ° C	WRUFD128M-ADISI-4	WRUFD128M-MPITI-4	
	256MB		WRUFD256M-ADISI-4	WRUFD256M-MPITI-4	
	512MB		WRUFD512M-ADISI-4	WRUFD512M-MPITI-4	
	1GB		WRUFD001G-ADISI-4	WRUFD001G-MPITI-4	
	2GB		WRUFD002G-ADISI-4	WRUFD002G-MPITI-4	
	4GB		WRUFD004G-ADISI-4	WRUFD004G-MPITI-4	
	8GB		WRUFD008G-ADISI-4	WRUFD008G-MPITI-4	
	16GB		NA	WRUFD016G-MPITI-4	
Flash Type	Capacity	Operating Temperature	EOL Product	Alternative Solution	Old Product Picture
			HAMMER-D Series	HERCULES-P Series	
MLC	1GB	Standard Grade 0 ° C~70 ° C	SRUFD001G-ADCSM-4	NA	
	2GB		SRUFD002G-ADCSM-4	NA	
	4GB		SRUFD004G-ADCSM-4	SRUFD004G-MPCTM-4	
	8GB		SRUFD008G-ADCSM-4	SRUFD008G-MPCTM-4	
	16GB		SRUFD016G-ADCSM-4	SRUFD016G-MPCTM-4	
	32GB		NA	SRUFD032G-MPCTM-4	
	1GB	Wide Temperature -40 ° C~85 ° C	WRUFD001G-ADCSM-4C	NA	
	2GB		WRUFD002G-ADCSM-4C	NA	
	4GB		WRUFD004G-ADCSM-4C	WRUFD004G-MPCTM-4C	
	8GB		WRUFD008G-ADCSM-4C	WRUFD008G-MPCTM-4C	
	16GB		WRUFD016G-ADCSM-4C	WRUFD016G-MPCTM-4C	
	32GB		NA	WRUFD032G-MPCTM-4C	

Flash Type	Capacity	Operating Temperature	EOL Product	Alternative Solution	Old Product Picture		
			HAMMER-D Series	HERCULES-P Series			
SLC	128MB	Standard Grade 0 ° C~70 ° C	SRUFD128M-ADCSC-4SB	SRUFD128M-MPCTC-4SB			
	256MB		SRUFD256M-ADCSC-4SB	SRUFD256M-MPCTC-4SB			
	512MB		SRUFD512M-ADCSC-4SB	SRUFD512M-MPCTC-4SB			
	1GB		SRUFD001G-ADCSC-4SB	SRUFD001G-MPCTC-4SB			
	2GB		SRUFD002G-ADCSC-4SB	SRUFD002G-MPCTC-4SB			
	4GB		SRUFD004G-ADCSC-4SB	SRUFD004G-MPCTC-4SB			
	8GB		SRUFD008G-ADCSC-4SB	SRUFD008G-MPCTC-4SB			
	16GB		NA	SRUFD016G-MPCTC-4SB			
	128MB	Industrial Grade -40 ° C~85 ° C	WRUFD128M-ADISI-4SB	WRUFD128M-MPITI-4SB			
	256MB		WRUFD256M-ADISI-4SB	WRUFD256M-MPITI-4SB			
	512MB		WRUFD512M-ADISI-4SB	WRUFD512M-MPITI-4SB			
	1GB		WRUFD001G-ADISI-4SB	WRUFD001G-MPITI-4SB			
	2GB		WRUFD002G-ADISI-4SB	WRUFD002G-MPITI-4SB			
	4GB		WRUFD004G-ADISI-4SB	WRUFD004G-MPITI-4SB			
	8GB		WRUFD008G-ADISI-4SB	WRUFD008G-MPITI-4SB			
	16GB		NA	WRUFD016G-MPITI-4SB			
	Flash Type	Capacity	Operating Temperature	EOL Product		Alternative Solution	
				HAMMER-D Series		HERCULES-P Series	
MLC	1GB	Standard Grade 0 ° C~70 ° C	SRUFD001G-ADCSM-4SB	NA			
	2GB		SRUFD002G-ADCSM-4SB	NA			
	4GB		SRUFD004G-ADCSM-4SB	SRUFD004G-MPCTM-4SB			
	8GB		SRUFD008G-ADCSM-4SB	SRUFD008G-MPCTM-4SB			
	16GB		SRUFD016G-ADCSM-4SB	SRUFD016G-MPCTM-4SB			
	32GB		NA	SRUFD032G-MPCTM-4SB			
	1GB	Wide Temperature -40 ° C~85 ° C	WRUFD001G-ADCSM-4SBC	NA			
	2GB		WRUFD002G-ADCSM-4SBC	NA			
	4GB		WRUFD004G-ADCSM-4SBC	WRUFD004G-MPCTM-4SBC			
	8GB		WRUFD008G-ADCSM-4SBC	WRUFD008G-MPCTM-4SBC			
	16GB		WRUFD016G-ADCSM-4SBC	WRUFD016G-MPCTM-4SBC			
	32GB		NA	WRUFD032G-MPCTM-4SBC			

Flash Type	Capacity	Operating Temperature	EOL Product	Alternative Solution	Old Product Picture
			HAMMER-D Series	HERCULES-P Series	
SLC	128MB	Standard Grade 0 ° C~70 ° C	SMUFD128M-ADCSC-5	SMUFD128M-MPCTC-5	
	256MB		SMUFD256M-ADCSC-5	SMUFD256M-MPCTC-5	
	512MB		SMUFD512M-ADCSC-5	SMUFD512M-MPCTC-5	
	1GB		SMUFD001G-ADCSC-5	SMUFD001G-MPCTC-5	
	2GB		SMUFD002G-ADCSC-5	SMUFD002G-MPCTC-5	
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	128MB	Industrial Grade -40 ° C~85 ° C	WMUFD128M-ADISI-5	WMUFD128M-MPITI-5	
	256MB		WMUFD256M-ADISI-5	WMUFD256M-MPITI-5	
	512MB		WMUFD512M-ADISI-5	WMUFD512M-MPITI-5	
	1GB		WMUFD001G-ADISI-5	WMUFD001G-MPITI-5	
	2GB		WMUFD002G-ADISI-5	WMUFD002G-MPITI-5	
	4GB		WMUFD004G-ADISI-5	WMUFD004G-MPITI-5	
	8GB		WMUFD008G-ADISI-5	WMUFD008G-MPITI-5	
	16GB		NA	WMUFD016G-MPITI-5	
Flash Type	Capacity	Operating Temperature	EOL Product	Alternative Solution	
			HAMMER-D Series	HERCULES-P Series	
MLC	1GB	Standard Grade 0 ° C~70 ° C	SMUFD001G-ADCSM-5	NA	
	2GB		SMUFD002G-ADCSM-5	NA	
	4GB		SMUFD004G-ADCSM-5	SMUFD004G-MPCTM-5	
	8GB		SMUFD008G-ADCSM-5	SMUFD008G-MPCTM-5	
	16GB		SMUFD016G-ADCSM-5	SMUFD016G-MPCTM-5	
	32GB		NA	SMUFD032G-MPCTM-5	
	1GB	Wide Temperature -40 ° C~85 ° C	WMUFD001G-ADCSM-5C	NA	
	2GB		WMUFD002G-ADCSM-5C	NA	
	4GB		WMUFD004G-ADCSM-5C	WMUFD004G-MPCTM-5C	
	8GB		WMUFD008G-ADCSM-5C	WMUFD008G-MPCTM-5C	
	16GB		WMUFD016G-ADCSM-5C	WMUFD016G-MPCTM-5C	
	32GB		NA	WMUFD032G-MPCTM-5C	

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