Rockchip Solutions UFS Support List

Ver 1.01

2024-10-12

◆ Symbol

Symbol	Description
√	**Fully Tested , Applicable and Mass Production**
T/A	**Fully Tested , Applicable and Ready for Mass Production**
S/A	**The Samples have Passed the Reliability Test. However, the Platform Compatibility Test was also required before Mass Production.**
D/A	**Datasheet Applicable,Need Sample to Test.**
N/A	**Not Applicable**

◆ Note

◆ Revision History

Revision No.	History	Date
1.00	1. Add RK3576 2. Add THGJFGT2T85BAB5, THGJFGT1T45BAB8, THGJFGT0T25BAB8, THGJFGG9T15BAB8, THGJFGT1E45BAIL, THGJFGT2T85BAIR, MTFC64GAZAOTD-AIT, MTFC128GAZAOTD-AIT, MTFC256GAZAOTD-AIT, MTFC128GBCAVHF-WT, KLUDG4UHGC-B0E1, KLUCG2U1DC-B0F1, KLUDG2R1DE-B0F1, KLUEG4R1DE-B0F1, KLUCG4J1ZD-C0CQ, KLUDG8J1ZD-C0CQ, KLUDG4UHYB-B0EQ, KLUEG8UHYB-B0EQ, YMUS8B4TF1D1C1, YMUS9B4TF2D1C1, YMUSAB4TF3D1C1, YMUS7B2TE1A2C1, YMUS8B2TE2A2C1, YMUS9B2TE3A2C1, BWU3AKC26C128G, BWU3AKC46C256G, FEUDME064G-B8A19, FEUDME128G-B8A19, FEUDME256G-C8H09, FEUDNN064G-C2G07-P, FEUDNN128G-C2G07-P, FEUDNN256G-C2G07-O, BWU2A0526B128G, BWU2A0516B064G and HBE3-1280CHAA.	2024.06.20
1.01	1. Add UFS256-CY14, UFS128-CY14, UFS256-TY7B, UFS128-TY7B and SDINFDQ6-256G. 2. Change some devices status.	2024.10.12

Manufacturer	Part Number	Device Size (bits)	Byte Size	Process	Version	VCC (V)	VCCQ (V)	VCCQ2 (V)	Temp. (°C)	RK3576			Remark	
KIOXIA	THGJFGT2T85BAB5	512Gb TLC x 8	512GB	3D	3.1	2.5/3.3	1.2	-	-40/105	**T/A**			AUTO	
KIOXIA	THGJFGT1T45BAB8	512Gb TLC x 4	256GB	3D	3.1	2.5/3.3	1.2	-	-40/105	**T/A**			AUTO	
KIOXIA	THGJFGT0T25BAB8	512Gb TLC x 2	128GB	3D	3.1	2.5/3.3	1.2	-	-40/105	**T/A**			AUTO	
KIOXIA	THGJFGG9T15BAB8	512Gb TLC x 1	64GB	3D	3.1	2.5/3.3	1.2	-	-40/105	**T/A**			AUTO	
KIOXIA	THGJFGT1E45BAIL	512Gb TLC x 4	256GB	3D	3.1	2.5/3.3	1.2	-	-25/85	**T/A**				
KIOXIA	THGJFGT2T85BAIR	512Gb TLC x 8	512GB	3D	3.1	2.5/3.3	1.2	-	-25/85	**T/A**				

Manufacturer	Part Number	Device Size (bits)	Byte Size	Process	Version	VCC (V)	VCCQ (V)	VCCQ2 (V)	Temp. (°C)	RK3576			Remark	
MICRON	MTFC64GAZAOTD-AIT	256Gb TLC x 2	64GB	3D	2.1	3.3	-	1.8	-40/105	T/A			AUTO	
MICRON	MTFC128GAZAOTD-AIT	256Gb TLC x 4	128GB	3D	2.1	3.3	-	1.8	-40/105	T/A			AUTO	
MICRON	MTFC256GAZAOTD-AIT	256Gb TLC x 8	256GB	3D	2.1	3.3	-	1.8	-40/105	T/A			AUTO	
MICRON	MTFC128GBCAVHF-WT	512Gb TLC x 2	128GB	3D	3.1	2.5	1.2	-	-25/85	D/A				

Manufacturer	Part Number	Device Size (bits)	Byte Size	Process	Version	VCC (V)	VCCQ (V)	VCCQ2 (V)	Temp. (°C)	RK3576			Remark
SAMSUNG	KLUDG4UHGC-B0E1	512Gb TLC x 2	128GB	3D	3.1	2.5	1.2	-	-25/85	T/A			
SAMSUNG	KLUCG2U1DC-B0F1	512Gb TLC x 1	64GB	3D	2.2	3.3	-	1.8	-25/85	D/A			
SAMSUNG	KLUDG2R1DE-B0F1	512Gb TLC x 2	128GB	3D	2.2	3.3	-	1.8	-25/85	D/A			
SAMSUNG	KLUEG4R1DE-B0F1	512Gb TLC x 4	256GB	3D	2.2	3.3	-	1.8	-25/85	D/A			
SAMSUNG	KLUCG4J1ZD-C0CQ	128Gb MLC x 4	64GB	2D	2.1	3.3	-	1.8	-40/105	T/A			AUTO
SAMSUNG	KLUDG8J1ZD-C0CQ	128Gb MLC x 8	128GB	2D	2.1	3.3	-	1.8	-40/105	T/A			AUTO
SAMSUNG	KLUDG4UHYB-B0EQ	256Gb TLC x 4	128GB	3D	3.1	2.5	1.2	-	-40/105	D/A			AUTO
SAMSUNG	KLUEG8UHYB-B0EQ	256Gb TLC 8 4	256GB	3D	3.1	2.5	1.2	-	-40/105	T/A			AUTO

Manufacturer	Part Number	Device Size (bits)	Byte Size	Process	Version	VCC (V)	VCCQ (V)	VCCQ2 (V)	Temp. (°C)	RK3576			Remark
WD	SDINFDQ6-256G-ZA	512Gb TLC x 4	256GB	3D	3.1	2.5/3.3	1.2	-	-45/85	T/A			AUTO

Manufacturer	Part Number	Device Size (bits)	Byte Size	Process	Version	VCC (V)	VCCQ (V)	VCCQ2 (V)	Temp. (°C)	RK3576			Remark
YMTC	YMUS8B4TF1D1C1	512Gb TLC x 2	128GB	3D	3.1	2.5	1.2	-	-25/85	D/A			
YMTC	YMUS9B4TF2D1C1	512Gb TLC x 4	256GB	3D	3.1	2.5	1.2	-	-25/85	T/A			
YMTC	YMUSAB4TF3D1C1	512Gb TLC x 8	512GB	3D	3.1	2.5	1.2	-	-25/85	T/A			
YMTC	YMUS7B2TE1A2C1	512Gb TLC x 1	64GB	3D	2.2	3.3	-	1.8	-25/85	D/A			
YMTC	YMUS8B2TE2A2C1	512Gb TLC x 2	128GB	3D	2.2	3.3	-	1.8	-25/85	D/A			
YMTC	YMUS9B2TE3A2C1	512Gb TLC x 4	256GB	3D	2.2	3.3	-	1.8	-25/85	D/A			

Manufacturer	Part Number	Device Size (bits)	Byte Size	Process	Version	VCC (V)	VCCQ (V)	VCCQ2 (V)	Temp. (°C)	RK3576			Remark
BIWIN	BWU3AKC26C128G	512Gb TLC x 2	128GB	3D	3.1	2.5	1.2	-	-25/85	D/A			
BIWIN	BWU3AKC46C256G	512Gb TLC x 4	256GB	3D	3.1	2.5	1.2	-	-25/85	T/A			
BIWIN	BWU2A0526B128G	512Gb TLC x 2	128GB	3D	2.2	3.3	-	1.8	-25/85	T/A			
BIWIN	BWU2A0516B064G	512Gb TLC x 1	64GB	3D	2.2	3.3	-	1.8	-25/85	T/A			

Manufacturer	Part Number	Device Size (bits)	Byte Size	Process	Version	VCC (V)	VCCQ (V)	VCCQ2 (V)	Temp. (°C)	RK3576			Remark	
FORESEE	FEUDME064G-B8A19	512Gb TLC x 1	64GB	3D	2.1	3.3	-	1.8	-40/105	D/A			AUTO	
FORESEE	FEUDME128G-B8A19	512Gb TLC x 2	128GB	3D	2.1	3.3	-	1.8	-40/105	T/A			AUTO	
FORESEE	FEUDME256G-C8H09	512Gb TLC x 4	256GB	3D	3.1	2.5	1.2		-40/105	D/A			AUTO	
FORESEE	FEUDNN064G-C2G07	512Gb TLC x 1	64GB	3D	2.2	3.3	-	1.8	-25/85	T/A				
FORESEE	FEUDNN128G-C2G07	512Gb TLC x 2	128GB	3D	2.2	3.3	-	1.8	-25/85	T/A				
FORESEE	FEUDNN256G-C2G07	512Gb TLC x 4	256GB	3D	2.2	3.3	-	1.8	-25/85	T/A				

Manufacturer	Part Number	Device Size (bits)	Byte Size	Process	Version	VCC (V)	VCCQ (V)	VCCQ2 (V)	Temp. (°C)	RK3576			Remark
HOSIN	HBE3-1280CHAA	512Gb TLC x 2	128GB	3D	2.2	3.3	-	1.8	-25/85	T/A			

Manufacturer	Part Number	Device Size (bits)	Byte Size	Process	Version	VCC (V)	VCCQ (V)	VCCQ2 (V)	Temp. (°C)	RK3576				Remark
Kingston	UFS256-CY14	512Gb TLC x 4	256GB	3D	3.1	2.5	1.2	-	-25/85	D/A				
Kingston	UFS128-CY14	512Gb TLC x 2	128GB	3D	3.1	2.5	1.2	-	-25/85	D/A				
Kingston	UFS256-TY7B	512Gb TLC x 4	256GB	3D	2.2	3.3	-	1.8	-25/85	D/A				
Kingston	UFS128-TY7B	512Gb TLC x 2	128GB	3D	2.2	3.3	-	1.8	-25/85	D/A				