

Rockchip Solutions eMMC Support List

Ver 1.09

2013-04-15



• Revision History

Revision No.	History	Date	Editor
1.00	ORG	2011.1.24	ZYF
1.01	1.Add Kingston KE44A-268N/4GB. 2.Testing result update .	2011.3.15	ZYF
1.02	1.Add KLM8G2FEJA-A001, KLMAG4FEJA-A001 and SDIN4C2-16G	2011.8.29	ZYF
1.03	1.Add KLM4G1EEHM-B101, KLM8G2EEHM-B101, KLMAG4EEHM-B101 , KLMBG8EEHM-B101 etc. 2.Add H26M3A001MMR, H26M21001DAR, H26M32001DAR etc.	2011.9.26	ZYF
1.04	1.Add Sandisk SDIN5xx-xxG , THGBM4G7D2GBAIE and THGBM4G6D2HBAIR.	2011.10.20	ZYF
1.05	1.Add Micron MTFC8GLTEA-WT and MTFC8GLSEA-IT.	2011.12.20	ZYF
1.06	1.Add Samsung KLM2G1HE3F-B001 、KLM4G1FE3A-A001 and KLM4G1FE3A-M001.	2012.2.2	ZYF
1.07	1.Add RK30xx Chipset Support List. 2.Add NCEMBS41-04G 、NCEMBS41-08G、THGBM5G6A2JBAIR 、THGBM5G7A2JBAIM and THGBM5G8A4JBAIM.	2012.8.9	ZYF
1.08	1.Add REMMAMG2SOAA, REMMAMG3DOAA,THGBM5G5A1JBAIR, AE1DF04GAK-000MAA,AE1DE04GAK-000MAA,AE1DG08GAK-000MAA,AE1DG16GBK-000MAA,AE1DD08GAK-000MAC,AE1DD16GBK-000MAC and AE1DD32GCK-000MAC	2012.11.8	ZYF
1.09	 Add RK316X and RK318X SupportList. Add T/A test status. Add SDIN7DU2-8G,SDIN7DU2-16G,SDIN7DU2-32G,SDIN7DU2-64G, KE4CN3K6A, KE4CN4K6A, KE4CN5B6A, KE4CN6C6A,MTFC4GLWAM-WT, MTFC8GLWAM-WT, H26M42003GMR, NCEMBS61-08G, NCEMBS61-16G,Etc. 	2013.4.15	ZYF



Symbol

Symbol	Description
√	Fully Tested , Applicable and Mass Production
T/A	Fully Tested , Applicable and Ready for Mass Production
D/A	Datasheet Applicable, Need Sample to Test.
N/A	Not Applicable



Manufacturer	Part Number	Device Size (bits)	Byte Size	Process	RK29xx	RK316X RK318X	RK292x	RK30xx	Remark	
Micron	MTFC4GGQDM	32Gb	4GB		D/A	D/A	D/A	D/A		
Micron	MTFC8GKQDI	64Gb	8GB		D/A	D/A	D/A	D/A		
Micron	MTFC16GKQDI	128Gb	16GB		D/A	D/A	D/A	D/A		
Micron	MTFC32GKQDH	256Gb	32GB		D/A	D/A	D/A	D/A		
Micron	MTFC8GLTEA-WT	64Gb	8GB		D/A	D/A	D/A	D/A		
Micron	MTFC8GLSEA-IT	64Gb	8GB		D/A	D/A	D/A	D/A		
Micron	MTFC4GLWAM-WT	32Gb	4GB		D/A	T/A	D/A	T/A		
Micron	MTFC8GLWAM-WT	64Gb	8GB		D/A	T/A	D/A	T/A		
Micron	MTFC16GAAAADV-WT	128Gb	16GB		D/A	D/A	D/A	D/A		
Micron	MTFC32GAAAADV-WT	256Gb	32 G B		D/A	D/A	D/A	D/A		



Manufacturer	Part Number	Device Size (bits)	Byte Size	Process	RK29xx	RK316X RK318X	RK292x	RK30xx	Remark	
- 1.1	TUCDA 41 C 4 D 4 ED 4 EZ	1661	268	42	D //A	D / A	D / A	D / A		
Toshiba	THGBM1G4D1EBAI7	16Gb	2GB	43nm	D/A	D/A	D/A	D/A		
Toshiba	THGBM1G5D2EBAI7	32Gb	4GB	43nm	D/A	D/A	D/A	D/A		<u> </u>
Toshiba	THGBM1G6D4EBAI4	64Gb	8GB	43nm	D/A	D/A	D/A	D/A		
Toshiba	THGBM1G7D4EBAI2	128Gb	16GB	43nm	D/A	D/A	D/A	D/A		<u> </u>
Toshiba	THGBM1G8D8EBAI2	256Gb	32GB	43nm	D/A	D/A	D/A	D/A		
Toshiba	THGBM3G4D1FBAIG	16Gb	2GB	32nm	T/A	D/A	D/A	D/A		
Toshiba	THGBM3G5D1FBAIE	32Gb	4GB	32nm	T/A	D/A	D/A	D/A		
Toshiba	THGBM2G6D2FBAI9	64Gb	8GB	32nm	D/A	D/A	D/A	D/A		
Toshiba	THGBM2G7D4FBAI9	128Gb	16GB	32nm	D/A	D/A	D/A	D/A		
Toshiba	THGBM2G8D8FBAIB	256Gb	32GB	32nm	D/A	D/A	D/A	D/A		
Toshiba	THGBM4G4D1HBAIR	16Gb	2GB	24nm	T/A	D/A	D/A	T/A		
Toshiba	THGBM4G6D2HBAIR	64Gb	8GB	24nm	D/A	D/A	D/A	D/A		
Toshiba	THGBM4G7D2GBAIE	128Gb	16GB	24nm	T/A	D/A	D/A	T/A		
Toshiba	THGBM6G6T1JBAIR	64Gb	8GB	19nm	N/A	N/A	N/A	N/A	TLC	
Toshiba	THGBM6G7T2JBAIM	128Gb	16GB	19nm	N/A	N/A	N/A	N/A	TLC	
Toshiba	THGBM5G5A1JBAIR	32Gb MLC x 1	4GB	19nm	T/A	T/A	D/A	T/A		
Toshiba	THGBM5G6A2JBAIR	32Gb MLC x 2	8GB	19nm	D/A	D/A	D/A	D/A		
Toshiba	THGBM5G7A2JBAIM	64Gb MLC x 2	16GB	19nm	D/A	D/A	D/A	D/A		
Toshiba	THGBM5G8A4JBAIM	64Gb MLC x 4	32GB	19nm	D/A	D/A	D/A	D/A		
Toshiba	THGBM5G9B8JBAIE	64Gb MLC x 8	64GB	19nm	D/A	D/A	D/A	D/A		



Manufacturer	Part Number	Device Size (bits)	Byte Size	Process	RK29xx	RK316X RK318X	RK292x	RK30xx	Remark	
		22.51				- · · ·	- · · ·	- · ·		<u> </u>
SanDisk	SDIN4C2-4G	32Gb	4GB		T/A	D/A	D/A	D/A		<u> </u>
SanDisk	SDIN4C2-8G	64Gb	8GB		T/A	D/A	D/A	D/A		<u> </u>
San Disk	SDIN4C2-16G	128Gb	16GB		D/A	D/A	D/A	D/A		
SanDisk	SDIN5D2-2G	16Gb	2GB		D/A	D/A	D/A	D/A		
SanDisk	SDIN5D1-2G	16Gb	2GB		N/A	N/A	N/A	N/A	TLC	
SanDisk	SDIN5C2-4G	32Gb	4GB		T/A	D/A	D/A	D/A		
SanDisk	SDIN5C1-4G	32Gb	4GB		N/A	N/A	N/A	N/A	TLC	
SanDisk	SDIN5C2-8G	64Gb	8GB		T/A	D/A	D/A	D/A		
SanDisk	SDIN5C1-8G	64Gb	8GB		N/A	N/A	N/A	N/A	TLC	
SanDisk	SDIN5C2-16G	128Gb	16GB		D/A	D/A	D/A	D/A		
SanDisk	SDIN5C1-16G	128Gb	16GB		N/A	N/A	N/A	N/A	TLC	
SanDisk	SDIN5B2-32G	256Gb	32GB		D/A	D/A	D/A	D/A		
SanDisk	SDIN5E1-32G	256Gb	32GB		N/A	N/A	N/A	N/A	TLC	
SanDisk	SDIN5F1-64G	512Gb	64GB		N/A	N/A	N/A	N/A	TLC	
SanDisk	SDIN7DU2-8G	64Gb MLC x 1	8GB		D/A	T/A	D/A	T/A		
SanDisk	SDIN7DU2-16G	64Gb MLC x 2	16GB		D/A	D/A	D/A	D/A		
SanDisk	SDIN7DU2-32G	64Gb MLC x 4	32GB		D/A	D/A	D/A	D/A		
SanDisk	SDIN7DU2-64G	64Gb MLC x 8	64GB		D/A	D/A	D/A	D/A		



Manufacturer	Part Number	Device Size (bits)	Byte Size	Process	RK29xx	RK316X RK318X	RK292x	RK30xx	Remark	
		(bits)	Size							
Hynix	H26M3A001MMR	4Gb	512MB	41nm	D/A	D/A	D/A	D/A		
Hynix	H26M21001DAR	16Gb	2GB	41nm	D/A	D/A	D/A	D/A		
Hynix	H26M21001ECR	16Gb	2GB	32nm	D/A	D/A	D/A	D/A		
Hynix	H26M32001DAR	32Gb	4GB	41nm	D/A	D/A	D/A	D/A		
Hynix	H26M31001EFR	32 G b	4GB	32nm	D/A	D/A	D/A	D/A		
Hynix	H26M32001ECR	32 G b	4GB	32nm	D/A	D/A	D/A	D/A		
Hynix	H26M44001CAR	64Gb	8GB	41nm	D/A	D/A	D/A	D/A		
Hynix	H26M44001CAR	64Gb	8GB	41nm	D/A	D/A	D/A	D/A		1
Hynix	H26M42001EFR	64Gb	8GB	32nm	D/A	D/A	D/A	D/A		1
Hynix	H26M44001ECR	64Gb	8GB	32nm	D/A	D/A	D/A	D/A		
Hynix	H26M54001AJR	128Gb	16GB	41nm	D/A	D/A	D/A	D/A		
Hynix	H26M54001BKR	128Gb	16GB	32nm	D/A	D/A	D/A	D/A		
Hynix	H26M54001BFR	128Gb	16GB	32nm	D/A	D/A	D/A	D/A		
Hynix	H26M52001CKR	128Gb	16GB	26nm	D/A	D/A	D/A	D/A		
Hynix	H26M68001MNR	256Gb	32GB	41nm	D/A	D/A	D/A	D/A		
Hynix	H26M68001ANR	256Gb	32GB	32nm	D/A	D/A	D/A	D/A		
Hynix	H26M64001BNR	256Gb	32 G B	26nm	D/A	D/A	D/A	D/A		
Hynix	H26M78001ANR	512Gb	64GB	26nm	D/A	D/A	D/A	D/A		
Hynix	H26M42003GMR	64Gb	8GB	20nm	D/A	T/A	D/A	T/A		



Manufacturer	Part Number	Device Size (bits)	Byte Size	Process	RK29xx	RK316X RK318X	RK292x	RK30xx	Remark	
		(DILS)	Size							
Samsung	KLM1G1CEHC-B101	8Gb	1GB		D/A	D/A	D/A	D/A		
Samsung	KLM2G1DEHE-B101	16Gb	2GB		D/A	D/A	D/A	D/A		
Samsung	KLM8G4DEHE-B101	64Gb	8GB		D/A	D/A	D/A	D/A		
Samsung	KLMAG8DEHE-A101	128Gb	16GB		D/A	D/A	D/A	D/A		
Samsung	KLM2G1DEED-A201	16Gb	2GB		D/A	D/A	D/A	D/A		
Samsung	KLM2G1DEFD-A301	16Gb	2GB		D/A	D/A	D/A	D/A		
Samsung	KLM4G2DEFD-A301	32Gb	4GB		D/A	D/A	D/A	D/A		
Samsung	KLM8G4DEFD-A301	64Gb	8GB		D/A	D/A	D/A	D/A		
Samsung	KLMAG8DEFD-A301	128Gb	16GB		D/A	D/A	D/A	D/A		
Samsung	KLM4G1EEHM-B101	32Gb	4GB		D/A	D/A	D/A	D/A		
Samsung	KLM8G2EEHM-B101	64Gb	8GB		D/A	D/A	D/A	D/A		
Samsung	KLMAG4EEHM-B101	128Gb	16GB		D/A	D/A	D/A	D/A		
Samsung	KLMBG8EEHM-B101	256Gb	32GB		D/A	D/A	D/A	D/A		
Samsung	KLM2G1HE3F-B001	16Gb	2GB	27nm	D/A	D/A	D/A	D/A		
Samsung	KLM4G1FE3A-A00	32Gb	4GB	27nm	D/A	D/A	D/A	D/A		
Samsung	KLM4G1FE3A-M001	32Gb	4GB	27nm	D/A	D/A	D/A	D/A		
Samsung	KLM8G2FEJA-A001	64Gb	8GB	27nm	T/A	T/A	D/A	T/A		
Samsung	KLMAG4FEJA-A001	128Gb	16GB	27nm	T/A	T/A	D/A	✓		
Samsung	KLMAG4FEJA-B001	128Gb	16GB	27nm	D/A	D/A	D/A	D/A		
Samsung	KLMBG8FEJA-A001	256Gb	32GB	27nm	D/A	D/A	D/A	D/A		
Samsung	KLMCGAFEJA-B001	512Gb	64GB	27nm	D/A	D/A	D/A	D/A		
Samsung	KLMAG2GE4A-A001	64Gb MLC x 2	16GB	21nm	D/A	D/A	D/A	D/A		
Samsung	KLMBG4GE4A-A001	64Gb MLC x 4	32 GB	21nm	D/A	D/A	D/A	D/A		
Samsung	KLMCG8GE4A-A001	64Gb MLC x 8	64GB	21nm	D/A	D/A	D/A	D/A		



Manufacturer	Part Number	Device Size (bits)	Byte Size	Process	RK29xx	RK316X RK318X	RK292x	RK30xx	Remark	
Samsung	KLM4G1FE3B-B001	32Gb MLC x 1	4GB	21nm	D/A	D/A	D/A	D/A		
Samsung	KLM8G2FE3B-B001	32Gb MLC x 2	8GB	21nm	T/A	T/A	D/A	T/A		
Samsung	KLMAG4FE3B-A001	32Gb MLC x 4	16GB	21nm	T/A	T/A	D/A	T/A		
Samsung	KLMBG8FE3B-A001	32Gb MLC x 8	32GB	21nm	D/A	D/A	D/A	D/A		
Samsung	KLM4G1YE4C-B001	32Gb TLC x 1	4GB		T/A	T/A	D/A	T/A		
Samsung	KLM8G1WE4A-A001	64Gb TLC x 1	8GB		T/A	T/A	D/A	T/A		
Samsung	KLMAG2WE4A-A001	64Gb TLC x 2	16GB		T/A	T/A	D/A	√		
Samsung	KLMBG4WE4A-A001	64Gb TLC x 4	32GB		D/A	D/A	D/A	D/A		
Samsung	KLMCG8WE4A-A001	64Gb TLC x 8	64GB		D/A	D/A	D/A	D/A		



Manufacturer	Part Number	Device Size (bits)	Byte Size	Process	RK29xx	RK316X RK318X	RK292x	RK30xx	Remark	
Kingston	KE44B-25AN/2GB	16Gb	2GB		T/A	D/A	D/A	D/A		
Kingston	KE44B-26BN/4GB	32Gb	4GB		T/A	D/A	D/A	D/A		
Kingston	KE44B-26BN/8GB	64Gb	8GB		D/A	D/A	D/A	D/A		
Kingston	KE44B-26BN/16GB	128Gb	16GB		D/A	D/A	D/A	D/A		
Kingston	KE44A-25AN/2GB	16Gb	2GB		D/A	D/A	D/A	D/A		
Kingston	KE44A-26BN/4GB	32Gb	4GB		D/A	D/A	D/A	D/A		
Kingston	KE44A-26BN/8GB	64Gb	8GB		D/A	D/A	D/A	D/A		
Kingston	KE44A-26BN/16GB	128Gb	16GB		D/A	D/A	D/A	D/A		
Kingston	KE4CN2H5A	32Gb MLC x 1	4GB		D/A	D/A	D/A	D/A		
Kingston	KE4CN3H5A	32Gb MLC x 2	8GB		D/A	D/A	D/A	D/A		
Kingston	KE4CN3K6A	64Gb MLC x 1	8GB		T/A	T/A	D/A	T/A		
Kingston	KE4CN4K6A	64Gb MLC x 2	16GB		T/A	T/A	D/A	T/A		
Kingston	KE4CN5B6A	64Gb MLC x 4	32GB		D/A	T/A	D/A	T/A		
Kingston	KE4CN6C6A	64Gb MLC x 8	64GB		D/A	D/A	D/A	D/A		



Manufacturer	Part Number	Device Size (bits)	Byte Size	Process	RK29xx	RK316X RK318X	RK292x	RK30xx	Remark	
FORESEE	NCEMBS41-04G	32Gb	4GB		T/A	T/A	D/A	T/A		
FORESEE	NCEMBS41-08G	64Gb	8GB		T/A	T/A	D/A	T/A		
FORESEE	NCEMBS61-08G	64Gb	8GB		D/A	D/A	D/A	D/A		
FORESEE	NCEMBS61-16G	128Gb	16GB		D/A	D/A	D/A	D/A		



Manufacturer	Part Number	Device Size (bits)	Byte Size	Process	RK29xx	RK316X RK318X	RK292x	RK30xx	Remark	
RAMAXEL	REMMAMG2SOAA	32 G b	4GB		D/A	D/A	D/A	D/A		
RAMAXEL	REMMAMG3DOAA	64Gb	8GB		D/A	D/A	D/A	D/A		
RAMAXEL	REMSAMG3SOAA	64Gb MLC*1	8GB	20nm	D/A	D/A	D/A	D/A		
RAMAXEL	REMSAMG4DOAA	64Gb MLC*2	16GB	20nm	D/A	D/A	D/A	D/A		



Manufacturer	Part Number	Device Size (bits)	Byte Size	Process	RK29xx	RK316X RK318X	RK292x	RK30xx	Remark	
		(3335)								
ADATA	AE1DF04GAK-000MAA	32Gb MLC*1	4GB		T/A	T/A	D/A	T/A		
ADATA	AE1DG08GAK-000MAA	64Gb MLC*1	8GB		T/A	T/A	D/A	T/A		
ADATA	AE1DG16GBK-000MAA	64Gb MLC*2	16GB		T/A	T/A	D/A	T/A		
ADATA	AE1DD08GAK-000MAC	64Gb MLC*1	8GB		D/A	D/A	D/A	D/A		
ADATA	AE1DD16GBK-000MAC	64Gb MLC*2	16GB		D/A	D/A	D/A	D/A		
ADATA	AE1DD32GCK-000MAC	64Gb MLC*4	32GB		D/A	D/A	D/A	D/A		