Rockchip Solutions eMMC Support List

Ver 1.50

2020-06-05

◆ Revision History

Revision No.	History	Date
1.05	1.Add Micron MTFC8GLTEA-WT and MTFC8GLSEA-IT.	2011.12.20
1.06	1.Add Samsung KLM2G1HE3F-B001 、KLM4G1FE3A-A001 and KLM4G1FE3A-M001.	2012.02.02
1.07	1.Add RK30xx Chipset Support List. 2.Add NCEMBS41-04G 、NCEMBS41-08G、THGBM5G6A2JBAIR 、THGBM5G7A2JBAIM and THGBM5G8A4JBAIM.	2012.08.09
1.08	1.Add REMMAMG2SOAA, REMMAMG3DOAA,THGBM5G5A1JBAIR, AE1DF04GAK-000MAA,AE1DE04GAK-000MAA,AE1DG08GAK-000MAA,AE1DG16GBK-000MAA,AE1DD08GAK-000MAC,AE1DD16GBK-000MAC and AE1DD32GCK-000MAC	2012.11.08
1.09	1. Add **RK316X and RK318X** SupportList. 2. Add **T/A** test status. 3. Add SDIN7DU2-8G,SDIN7DU2-16G,SDIN7DU2-32G,SDIN7DU2-64G, KE4CN3K6A, KE4CN4K6A, KE4CN5B6A , KE4CN6C6A,MTFC4GLWAM-WT, MTFC8GLWAM-WT, H26M42003GMR, NCEMBS61-08G, NCEMBS61-16G,Etc.	2013.04.15
1.10	1. Add H26M42003GMR , H26M54003EMR , H26M68003DCR,KLM8G1GEAC-B001 , KLMAG2GEAC-B001 , KLMBG4GEAC-B001 , KLMCG8GEAC-B001 , etc.	2013.08.15
1.11	1. Add H26M52003EQR , KLM8G1GEAC-B001 , KLMAG2GEAC-B001 , KLMBG4GEAC-B001 , KLMCG8GEAC-B001 , BWCMB-16G , BWAMGTB11A08G , BWAMGTB21A16G , BWAMGTB41A32G , etc.	2013.11.15
1.12	1. Add MC0M08M1L0AA and MC0M16M2L0AA. 2. Add RK3026 and RK3028A SupportList.	2014.02.15
1.13	1. Add KLM8G1WEMB-B031,KLMAG2WEMB-B031,KLMBG4WEBC-B031,KLMCG8WEBC-B031, H26M41103HPR, H26M52103FMR, H26M64103EMR,H26M78103CCR,etc . 2. Add **RK32xx** SupportList。	2014.06.15
1.14	1. Add MTFC4GACAAAM-1M WT,MTFC8GACAAAM-1M WT,MTFC16GAKAECN-2MWTES, THGBMBG6D1KBAIL, THGBMAG6A2JBAIR, THGBMAG6A2JBAIR,THGBMBG8D4KBAIR,THGBM9G8T4KBAIR,SDIN8DE1-8G,SDIN8DE2-8GB,SDIN8DE2-16GB,SDIN8DE4-32G, SDIN8DE4-64G,SDIN9DW4-16G,SDIN9DW4-32G,SDIN9DW4-64G,H26M64103EMR,H26M78103CCR,KLMAG2WEPD-B031, KLM8G1WEPD-B031,KLMAG2GEND-B031,KLMBG4GEND-B031,eMMC8G-V100,eMMC16G-V100,NCEFEH58-08G,NCEFEH58-16G, NCEFEH58-32G,NCEFES88-04G,NCEFES78-08G,NCEFBS98-16G,BWAMGIA21C16GR,KMZ5500FS-UZb1-SA,KMZ0500FS-UZb1-SA, AVEC008G-FA6,AVEC0016G-FA6,EMS1ASCBT1FC008,EMS1ASCBT2FC016,AVEC008G-FA6,DTA11CA-8GB,DTA11CA-16GB,etc . 2. Add **RK3036 and RK312X**SupportList。	2014.10.15
1.15	1. Corrected SanDisk SDIN9DW4-16G,SDIN9DW4-32G,SDIN9DW4-64G support status. These eMMC VCCQ only support 1.8V.	2014.12.01
1.16	1. Add eMMC32G-S100	2015.01.05
1.17	1. Add RK3368 SupportList。 2. Add THGBMBG5D1KBAIL,THGBM9G9T8KBAIG,SDIN9DS2-32G,SDIN9DS2-16G,KLMBG4WEBD-B031,KLMCG8WEBD-B031,etc	2015.04.13
1.18	1. Add THGBMFG6C1LBAIL,THGBMFG7C1LBAIL,THGBMFG7C2LBAIL,THGBMFG8C2LBAIL,THGBMFG8C4LBAIL,SDIN9DS2-8G,H26M41103HPRL,S404100081B1B1W00, S404100161B1B1W01,EM100C-008GT-SS,EM100C-016GT-SS, etc	2015.06.10
1.19	1. Add NCEFEM48-04G etc	2015.07.01
1.20	1. Update RK3368 SupportList	2015.09.06
1.21	1. Add RK3228 SupportList	2015.12.15

1.22	1. Add MTFC8GLCDM-1M WT.	2015.12.28
1.23	1. Add BWATGSC11C08G, NCEFAT28-08G, H26T55001FPR, THGBMBG7D2KBAIL, KLM8G1GEND-B031, KLMCG8GEND-B031, THGBMFG8C4LBAIR, NCEMAH59-16G, REMKDM104GSBB, REMKDM308GSBB, GD9E4MOOYNI, SP18A8G752-8GB	2016.01.15
1.24	1. RK32XX -> RK328X 2. Add RKPX3 and RKPX2 3. Add MTFC4GACAJCN-1M WT, MTFC8GAKAJCN-1M WT, THGBMDG5D1LBAIL , KLM4G1FEPD-B031 , EMMC16G-M525 , EMMC32G-M525 and EMMC64G-M525.	2016.02.25
1.25	1. Add THGBMHG6C1LBAIL , THGBMHG7C1LBAIL , THGBMHG7C2LBAIL , THGBMHG8C4LBAIR and THGBMHG9C4LBAIR.	2016.03.15
1.26	1. Add THGBMHG8C2LBAIL,H26M41204HPR, H26M52208FPR, H26M64208EMR, H26M78208CMR, KLM8G1GEME-B041, KLMAG1JENB-B041, KLMBG2JENB-B041, NCEMBD39-16G, REMSAT408GSBB, REMSAT416GDBB, BWATGSC21C16G, BWAMDIC21C32G, MC1M04M1L3AB, MC1M08M2L3AB, MC1M16M4L3AB, MC1M16M4L3AB, SE2HB08GH1, SE2HB0AGH1, SE2HB0BGH1, SE2HB08GS1	2016.05.04
1.27	1. Add EMMC08G-M325.	2016.06.22
1.28	1. Add BWCTGSC21G32G.	2016.07.29
1.29	1. Add KLMCG4JENB-B041, KLMDG4JENB-B041 and EMMC04G-M627. 2. Add RK3399.	2016.08.05
1.30	1. Add PX5.	2016.08.30
1.31	1. Add I3E-8GTH2CMRE 2. Change some device from DA status to TA status	2016.11.28
1.32	1. Change some device from DA status to TA status 2. Add I3E-8GTH7CMRE	2017.01.06
1.33	1. Add KLM8G1GENS-B041 2. Add RK3328	2017.02.15
1.34	1. Add PX3SE 2. Add RK3228H 3. Add KLM8G1GETF-B041,KLMAG1JETD-B041,KLMBG2JETD-B041 and KLMCG4JETD-B041	2017.04.15
1.35	1. Add SDINBDG4-8GB, EMMC04G-M627, EMMC08G-T227,EMMC16G-T527 and EMMC32G-T527 2. Remove BWATGSC11C08G , BWATGSC21C16G and BWCTGSC21G32G	2017.07.10
1.36	1. Add NCEMAD7B-08G	2017.07.28
1.37	1. Add NCEMAD6B-16G , EMMC32G-TA28 and IMM8GA90SKB-WT 2. Add RK3368H	2017.11.27
1.38	1. Add H26M41208HPR , SDINBDG4-16GB , SDINBDG4-32GB and SDINBDA4-32GB	2018.01.22
1.39	1. Add THGBMNG5D1LBAIL , SDINBDA4-64GB , SDINBDG4-32GB-XI1 and SDINBDG4-16GB-XI1 2. Add RK3326 , RKPX30 and RK3308 3. Remove RK3066 and PX2 4. Update EOL status	2018.05.15

1.40	1. Add RV1108 and RV1107 2. Add EMMC16G-TB28, EMMC32G-TA28, EMMC64-TA28 and NCEMASLD-32G.	2018.09.15
1.41	1. Add IMM16GY95SKB-WT , IMM32GY95DKB-WT, SDINBDG4-8GB-B, SDINBDG4-16GB-B, SDINBDG4-32GB-B 2. Remove some EOL devices	2018.10.30
1.42	1. Add UNMEN05GC1C31AS, NCEMAD9D-16G, NCEMASLD-64G and EMMF5BA-032GC.	2018.11.30
1.43	1. Add RK1808 and RK3399PRO 2. Add KLM4G1FETE-B041,MME2736E1DA17DA,MME2736F1DA17DA,MME2736G1DA17DA,UNMEN05GC1C31AS,EMMF5BB-008G and EMMF5BB-016G	2019.03.15
1.44	1. Add THGBMJG6C1LBAIL, THGAMRG7T13BAIL, THGAMRG8T13BAIL, TOPDISKA132-32G, TOPDISKA121-16G , H26M51002KPR , H26M62002JPR , H26M74002HPR and UNMEN06GC2C31AS	2019.06.14
1.45	1. Update KLM8G1GETF-B041 KLMAG1JETD-B041 KLMBG2JETD-B041 KLMCG4JETD-B041 status 2. Add IMM16GH73SKB-WT, IMM8GY96SKB-WT ,UNMEN06GC2C31AS and UNMEN07GC4C31BS	2019.08.30
1.46	1. Add MTFC16GAPALBH-IT,MTFC32GAPALBH-IT,MTFC64GAPALBH-IT,MTFC128GAPALNS-IT , THGAMRG9T23BAIL, THGAMRT0T43BAIL , SDINBDA6-16G, SDINBDA6-32G,SDINBDA6-64G ,SDINBDA6-128G, FSEIASOD-16G,FSEIASLD-32G, MME5001G0DH17DA and IMM32GH83SKB-WT. 2. Remove some EOL devices.	2019.09.30
1.47	1. Add EMMC08G-MB29, BWCMMQ511G08G, MME5001F1DH07DA, FEMDRW032G and SDINBDA6-256G 2. Remove some EOL devices. 3. Add test status S/A. 4. Toshiba changed its name to KIOXIA.	2019.11.15
1.48	1. Add EMMC64G-TA28 , THGAMRG7T13BAIL , THGBMJG8C2LBAIL.	2019.12.15
1.49	1. Add BWCTASC11P32G, E32GDSAA1ABE00, GSE51BMS8GL, GSE5ABTS16GX, GSE5ABTS32GX, BSA08GCDHAEET, MME2720G1IA37UB and MME2720H1IA37UB.	2020.04.15
1.50	1. Add FEMDRW032G-88A19, KAS3111, KAS4111, S40FC004C1B1I, FEMDNN032G-58k73, FEMDNN064G-58k72 and IS21ES16G-JCLI. 2. Add RV1109 and RV1126	2020.06.05

◆ 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

1. The lifetime of TLC type eMMC is lower than the MLC type eMMC. If you care the lifetime of TLC type eMMC in your product, please contact eMMC vendor for lifetime infomation.

Manufacturer	Part Number	Device Size (bits)	Byte Size	Process	Version	PKG size (mm)	RK328X	RV1126 RV1109	RK3036 RK312X RKPX3SE	RK3368 RK3368H RKPX5	RK3308	RK3228(A/B/B2) RK3229	RK3399/ RK3399PRO	RKPX30 RK3326	RK3328 RK3228H	RK1808	RV1108 RV1107	Remark	
Micron	MTFC4GACAJCN-1M WT	32Gb MLC x 1	4GB	20nm	5.0	11.5 x 13	S/A	S/A	S/A	S/A	S/A	T/A	S/A	T/A	S/A	S/A	S/A		
Micron	MTFC8GAKAJCN-1M WT	32Gb MLC x 2	8GB	20nm	5.0	11.5 x 13	S/A	S/A	S/A	S/A	S/A	T/A	S/A	T/A	S/A	S/A	S/A		
Micron	MTFC16GAPALBH-IT	128Gb MLC x 1	16GB	3D	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		
Micron	MTFC32GAPALBH-IT	128Gb MLC x 2	32GB	3D	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		
Micron	MTFC64GAPALBH-IT	128Gb MLC x 4	64GB	3D	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		
Micron	MTFC128GAPALNS-IT	128Gb MLC x 8	128GB	3D	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		

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Toshiba	THGBMFG6C1LBAIL	64Gb MLC x1	8GB	15nm	5.0	11.5 x 13	T/A	S/A	S/A	T/A	S/A	T/A	S/A	S/A	S/A	S/A	S/A		EOL
Toshiba	THGBMFG7C1LBAIL	128Gb MLC x1	16GB	15nm	5.0	11.5 x 13	T/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A		EOL
Toshiba	THGBMFG7C2LBAIL	64Gb MLC x2	16GB	15nm	5.0	11.5 x 13	T/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A		EOL
Toshiba	THGBMFG8C2LBAIL	128Gb MLC x2	32GB	15nm	5.0	11.5 x 13	T/A	S/A	S/A	T/A	S/A	T/A	S/A	S/A	S/A	S/A	S/A		EOL
Toshiba	THGBMFG8C4LBAIR	64Gb MLC x4	32GB	15nm	5.0	11.5 x 13	T/A	S/A	S/A	T/A	S/A	T/A	S/A	S/A	S/A	S/A	S/A		EOL
Toshiba	THGBMDG5D1LBAIL	32Gb MLC x 1	4GB	15nm	5.0	11.5 x 13	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A	S/A		EOL
KIOXIA	THGBMHG6C1LBAIL	64Gb MLC x1	8GB	15nm	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	T/A	T/A	S/A	S/A	S/A	S/A		
KIOXIA	THGBMHG7C1LBAIL	128Gb MLC x1	16GB	15nm	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	T/A	T/A	S/A	S/A	S/A	S/A		
KIOXIA	THGBMHG7C2LBAIL	64Gb MLC x2	16GB	15nm	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	T/A	T/A	S/A	S/A	S/A	S/A		
KIOXIA	THGBMHG8C4LBAIR	64Gb MLC x4	32GB	15nm	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	T/A	T/A	S/A	S/A	S/A	S/A		
KIOXIA	THGBMHG9C4LBAIR	128Gb MLC x4	64GB	15nm	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	T/A	T/A	S/A	S/A	S/A	S/A		
KIOXIA	THGBMHG8C2LBAIL	128Gb MLC x2	32GB	15nm	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	T/A	T/A	S/A	S/A	S/A	S/A		
KIOXIA	THGBMNG5D1LBAIL	32Gb MLC x 1	4GB	15nm	5.0	11.5 x 13	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A	S/A		
KIOXIA	THGBMJG6C1LBAIL	64Gb MLC x1	8GB	15nm	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		
KIOXIA	THGBMJG7C1LBAIL	128Gb MLC x1	16GB	15nm	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		
KIOXIA	THGBMJG8C2LBAIL	128Gb MLC x2	32GB	15nm	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		
KIOXIA	THGAMRG7T13BAIL	128Gb TLC x1	16GB	BICS3	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A	VCCQ : 1.8V	
KIOXIA	THGAMRG8T13BAIL	256Gb TLC x1	32GB	BICS3	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A	VCCQ : 1.8V	
KIOXIA	THGAMRG9T23BAIL	256Gb TLC x2	64GB	BICS3	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A	VCCQ : 1.8V	
KIOXIA	THGAMRT0T43BAIL	256Gb TLC x4	128GB	BICS3	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A	VCCQ : 1.8V	

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SanDisk / WD	SDINADB4-64G	64Gb TLC x 8	64GB	A19nm	5.0	11.5 x 13	S/A	S/A	N/A	T/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	VCCQ : 1.8V	EOL
SanDisk / WD	SDINADB4-32G	64Gb TLC x 4	32GB	A19nm	5.0	11.5 x 13	S/A	S/A	N/A	T/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	VCCQ : 1.8V	EOL
SanDisk / WD	SDINADB4-16G	64Gb TLC x 2	16GB	A19nm	5.0	11.5 x 13	S/A	S/A	N/A	T/A	S/A	T/A	S/A	S/A	S/A	S/A	S/A	VCCQ : 1.8V	EOL
SanDisk / WD	SDINADF4-64G(-H)	64Gb TLC x 8	64GB	A19nm	5.0/5.1	11.5 x 13	S/A	S/A	N/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	VCCQ : 1.8V	
SanDisk / WD	SDINADF4-32G(-H)	64Gb TLC x 4	32GB	A19nm	5.0/5.1	11.5 x 13	S/A	S/A	N/A	S/A	S/A	S/A	√	S/A	S/A	S/A	S/A	VCCQ : 1.8V	
SanDisk / WD	SDINADF4-16G(-H)	64Gb TLC x 2	16GB	A19nm	5.0/5.1	11.5 x 13	S/A	S/A	N/A	S/A	S/A	T/A	T/A	S/A	S/A	S/A	S/A	VCCQ : 1.8V	
SanDisk / WD	SDINBDG4-8GB(-B)	64Gb MLC x 1	8GB	15nm	5.1	11.5 x 13	S/A	S/A	T/A	S/A	S/A	T/A	T/A	S/A	T/A	S/A	S/A		
SanDisk / WD	SDINBDG4-16GB(-B)	64Gb MLC x 2	16GB	15nm	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	T/A	T/A	S/A	S/A	S/A	S/A		
SanDisk / WD	SDINBDG4-32GB(-B)	64Gb MLC x 4	32GB	15nm	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	T/A	T/A	S/A	S/A	S/A	S/A		
SanDisk / WD	SDINBDA4-32GB	256Gb TLC x 1	32GB	3D	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		
SanDisk / WD	SDINBDA4-64GB	256Gb TLC x 2	64GB	3D	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		
SanDisk / WD	SDINBDG4-16GB-XI1	64Gb MLC x 2	16GB	15nm	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	T/A	T/A	S/A	S/A	S/A	S/A		
SanDisk / WD	SDINBDG4-32GB-XI1	64Gb MLC x 4	32GB	15nm	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		
SanDisk / WD	SDINBDA6-16G(-I / XI)	128Gb TLC x 1	16GB	3D	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		
SanDisk / WD	SDINBDA6-32G(-I / XI)	256Gb TLC x 1	32GB	3D	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		
SanDisk / WD	SDINBDA6-64G(-I / XI)	256Gb TLC x 2	64GB	3D	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		
SanDisk / WD	SDINBDA6-128G(-I / XI)	256Gb TLC x 4	128GB	3D	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		
SanDisk / WD	SDINBDA6-256G(-I / XI)	256Gb TLC x 8	256GB	3D	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		

Manufacturer	Part Number	Device Size (bits)	Byte Size	Process	Version	PKG size (mm)	RK328X	RV1126 RV1109	RK3036 RK312X RKPX3SE	RK3368 RK3368H RKPX5	RK3308	RK3228(A/B/B2) RK3229	RK3399/ RK3399PRO	RKPX30 RK3326	RK3328 RK3228H	RK1808	RV1108 RV1107	Remark
SKHynix	H26M41204HPR	64Gb MLC x 1	8GB	16nm	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A	S/A	EOL
SKHynix	H26M52208FPR	64Gb MLC x 2	16GB	16nm	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A	S/A	EOL
SKHynix	H26M64208EMR	64Gb MLC x 4	32GB	16nm	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A	S/A	EOL
SKHynix	H26M78208CMR	64Gb MLC x 8	64GB	16nm	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A	S/A	EOL
SKHynix	H26M41208HPR	64Gb MLC x 1	8GB	16nm	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A	S/A	EOL
SKHynix	H26M52208FPRI	64Gb MLC x 2	16GB	16nm	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	T/A	T/A	S/A	S/A	S/A	S/A	EOL
SKHynix	H26M51002KPR	128Gb MLC x1	16GB	14nm	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A	
SKHynix	H26M62002JPR	128Gb MLC x2	32GB	14nm	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A	
SKHynix	H26M74002HMR	128Gb MLC x4	64GB	14nm	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A	

Manufacturer	Part Number	Device Size (bits)	Byte Size	Process	Version	PKG size (mm)	RK328X	RV1126 RV1109	RK3036 RK312X RKPX3SE	RK3368 RK3368H RKPX5	RK3308	RK3228(A/B/B2) RK3229	RK3399/ RK3399PRO	RKPX30 RK3326	RK3328 RK3228H	RK1808	RV1108 RV1107	Remark	
Samsung	KLM8G1GEME-B041	64Gb MLC x 1	8GB	14nm	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	T/A	T/A	S/A	S/A	S/A	S/A		
Samsung	KLMAG1JENB-B041	128Gb MLC x 1	16GB	14nm	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	T/A	T/A	S/A	S/A	S/A	S/A		
Samsung	KLMBG2JENB-B041	128Gb MLC x 2	32GB	14nm	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	T/A	√	S/A	S/A	S/A	S/A		
Samsung	KLMCG4JENB-B041	128Gb MLC x 4	64GB	14nm	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	T/A	T/A	S/A	S/A	S/A	S/A		
Samsung	KLMDG8JENB-B041	128Gb MLC x 8	128GB	14nm	5.1	11.5 x 13	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A	D/A		
Samsung	KLM8G1GETF-B041	64Gb MLC x 1	8GB	14nm	5.1	11.5 x 13	S/A	T/A	S/A	S/A	S/A	T/A	T/A	T/A	T/A	S/A	S/A		
Samsung	KLMAG1JETD-B041	128Gb MLC x 1	16GB	14nm	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	T/A	T/A	T/A	T/A	T/A	S/A		
Samsung	KLMBG2JETD-B041	128Gb MLC x 2	32GB	14nm	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	T/A	T/A	T/A	T/A	S/A	S/A		
Samsung	KLMCG4JETD-B041	128Gb MLC x 4	64GB	14nm	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	T/A	T/A	T/A	T/A	S/A	S/A		
Samsung	KLM4G1FETE-B041	32Gb MLC x 1	4GB	16nm	5.1	11.5 x 9	S/A	S/A	S/A	S/A	T/A	S/A	S/A	T/A	S/A	S/A	S/A		

Manufacturer	Part Number	Device Size (bits)	Byte Size	Process	Version	PKG size (mm)	RK328X	RV1126 RV1109	RK3036 RK312X RKPX3SE	RK3368 RK3368H RKPX5	RK3308	RK3228(A/B/B2) RK3229	RK3399/ RK3399PRO	RKPX30 RK3326	RK3328 RK3228H	RK1808	RV1108 RV1107	Remark	
Kingston	EMMC16G-M525	128Gb MLC x 1	16GB	15nm	5.1	11.5 x 13	T/A	S/A	S/A	S/A	S/A	T/A	T/A	S/A	S/A	S/A	S/A		EOL
Kingston	EMMC32G-M525	128Gb MLC x 2	32GB	15nm	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	T/A	T/A	S/A	S/A	S/A	S/A		EOL
Kingston	EMMC64G-M525	128Gb MLC x 4	64GB	15nm	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A	S/A		EOL
Kingston	EMMC08G-M325	64Gb MLC x 1	8GB	15nm	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	T/A	T/A	S/A	S/A	S/A	S/A		EOL
Kingston	EMMC04G-M627	32Gb MLC x 1	4GB	15nm	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	T/A	S/A	S/A		
Kingston	EMMC08G-T227	64Gb TLC x 1	8GB	15nm	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	note 1.	
Kingston	EMMC16G-T527	64Gb TLC x 2	16GB	15nm	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	note 1.	
Kingston	EMMC32G-T527	64Gb TLC x 4	32GB	15nm	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A		
Kingston	EMMC16G-TB28	128Gb TLC x 1	16GB	3D	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	T/A	T/A	S/A	S/A	S/A	S/A		
Kingston	EMMC32G-TA28	256Gb TLC x 1	32GB	3D	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		
Kingston	EMMC64G-TA28	256Gb TLC x 2	64GB	3D	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		
Kingston	EMMC08G-MB29	64Gb x 1	8GB		5.1	11.5 x 13	T/A	S/A	S/A	T/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A		
GStar	GSE51BMS8GL	64Gb MLC x 1	8GB		5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		
GStar	GSE5ABTS16GX	128Gb TLC x 1	16GB	3D	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		
GStar	GSE5ABTS32GX	256Gb TLC x 1	32GB	3D	5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		
KOWIN	KAS3111	64Gb MLC x 1	8GB		5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A		
KOWIN	KAS4111	32Gb MLC x 1	4GB		5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A		
ISSI	IS21ES16G-JCLI	128Gb MLC x 1	16GB		5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A		
SkyHigh	S40FC004C1B1I	32Gb MLC x 1	4GB		5.1	11.5 x 13	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A		

Manufacturer	Part Number	Device Size (bits)	Byte Size	Process	Version	PKG size (mm)	RK328X	RV1126 RV1109	RK3036 RK312X RKPX3SE	RK3368 RK3368H RKPX5	RK3308	RK3228(A/B/B2) RK3229	RK3399/ RK3399PRO	RKPX30 RK3326	RK3328 RK3228H	RK1808	RV1108 RV1107	Remark
FORESEE	NCEMAD7B-08G	64Gb TLC x 1	8GB	15nm	5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A	S/A	note 1.
FORESEE	NCEMAD6B-16G	128Gb TLC x 1	16GB	15nm	5.1	11.5x13	T/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	note 1.
FORESEE	NCEMASLD-32G	256Gb TLC x 1	32GB	3D	5.1	11.5x13	T/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	
FORESEE	NCEMASLD-64G	256Gb TLC x 2	64GB	3D	5.1	11.5x13	T/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	
FORESEE	NCEMAD9D-16G	128Gb TLC x 1	16GB	3D	5.1	11.5x13	T/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	
FORESEE	NCEMAD9D-08G	3D TLC x 1	8GB	3D	5.1	11.5x13	T/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	
FORESEE	FSEIASOD-16G	128Gb MLC x 1	16GB	14nm	5.1	11.5x13	T/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A	
FORESEE	FSEIASLD-32G	256Gb TLC x 1	32GB	3D	5.1	11.5x13	T/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	
FORESEE	FEMDRW032G	256Gb TLC x 1	32GB	3D	5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A	
FORESEE	FEMDNN008G-08A39	64Gb MLC x 1	8GB	14nm	5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	
FORESEE	FEMDRW064G-88A19	256Gb TLC x 2	64GB	3D	5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A	
FORESEE	FEMDRW032G-88A19	256Gb TLC x 1	32GB	3D	5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A	
FORESEE	FEMDNN032G-58k73	256Gb TLC x 1	32GB	3D	5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A	
FORESEE	FEMDNN064G-58k72	256Gb TLC x 2	64GB	3D	5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A	
BIWIN	BWCMMQ511G08G	64Gb MLC x 1	8GB		5.0	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	
BIWIN	BWCTASC11P32G	256Gb TLC x 1	32GB	3D	5.0	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	
SCY	E32GDSAA1ABE00	256Gb TLC x 1	32GB	3D	5.1	11.5x13	T/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A	
BARUN	BSA08GCDHAEET	64Gb TLC x 1	8GB	16nm	5.1	11.5x13	S/A	S/A	T/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	note 1.

Manufacturer	Part Number	Device Size (bits)	Byte Size	Process	Version	PKG size (mm)	RK328X	RV1126 RV1109	RK3036 RK312X RKPX3SE	RK3368 RK3368H RKPX5	RK3308	RK3228(A/B/B2) RK3229	RK3399/ RK3399PRO	RKPX30 RK3326	RK3328 RK3228H	RK1808	RV1108 RV1107	Remark	
MMY	MME2736E1DA17DA	64Gb MLC x 1	8GB	2D	5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		
MMY	MME2736F1DA17DA	128Gb TLC x 1	16GB	3D	5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		
MMY	MME2736G1DA17DA	256Gb TLC x 1	32GB	3D	5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		
MMY	MME5001G0DH07DA	256Gb TLC x 1	32GB	3D	5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		
MMY	MME5001F1DH07DA	128Gb TLC x 1	16GB	3D	5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		
MMY	MME2720G1IA37UB	256Gb TLC x 1	32GB	3D	5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		
MMY	MME2720H1IA37UB	256Gb TLC x 2	64GB	3D	5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		
UNIC	UNMEN05GC1C31AS	256Gb TLC x 1	32GB	3D	5.1	11.5x13	T/A	S/A	S/A	T/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		
UNIC	UNMEN06GC2C31AS	256Gb TLC x 2	64GB	3D	5.1	11.5x13	S/A	S/A	S/A	T/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		
UNIC	UNMEN07GC4C31BS	256Gb TLC x 4	128GB	3D	5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		
TOPDISK	A121-16G	128Gb TLC x 1	16GB	3D	5.1	11.5x13	T/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A		
TOPDISK	A132-32G	256Gb TLC x 1	32GB	3D	5.1	11.5x13	T/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A		
EOREX	EMMF5BB-008GC	3D TLC x 1	8GB	3D	5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A	HS200	
EOREX	EMMF5BB-016GC	128Gb TLC x 1	16GB	3D	5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A	HS200	
EOREX	EMMF5BA-032GC	256Gb TLC x 1	32GB	3D	5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A	HS200	
ESSENCORE	I3E-8GTH2CMRE	64Gb MLC x 1	8GB	16nm	5.0	11.5x13	S/A	S/A	S/A	T/A	S/A	T/A	S/A	S/A	S/A	S/A	S/A		EOL
ESSENCORE	I3E-8GTH7CMRE	64Gb MLC x 1	8GB	16nm	5.0	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A	S/A		EOL
ICMAX	IMM8GY96SKB-WT		8GB		5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		
ICMAX	IMM16GH73SKB-WT	128Gb TLC x 1	16GB	3D	5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		
ICMAX	IMM32GH83SKB-WT	256Gb TLC x 1	32GB	3D	5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		
ICMAX	IMM16GH95SKB-WT	128Gb TLC x 1	16GB	3D	5.1	11.5x13	S/A	S/A	S/A	S/A	S/A	S/A	T/A	S/A	S/A	S/A	S/A		